



BARGE "DBL 89"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
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: 161'-00"

June 29, 2010

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

<http://www.pmacorp.net>



BARGE "DBL 89"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00"

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	39	0	8,966	0	19,023	0	29,135	0	39,235	0	49,336	0	59,436	0	69,537	0	79,638	0	89,737
1/4	81	1/4	9,177	1/4	19,234	1/4	29,345	1/4	39,446	1/4	49,546	1/4	59,647	1/4	69,747	1/4	79,848	1/4	89,947
1/2	124	1/2	9,388	1/2	19,444	1/2	29,556	1/2	39,656	1/2	49,757	1/2	59,857	1/2	69,958	1/2	80,058	1/2	90,158
3/4	166	3/4	9,599	3/4	19,655	3/4	29,766	3/4	39,867	3/4	49,967	3/4	60,067	3/4	70,168	3/4	80,269	3/4	90,368
1	208	1	9,810	1	19,865	1	29,977	1	40,077	1	50,177	1	60,278	1	70,378	1	80,479	1	90,579
1/4	335	1/4	10,019	1/4	20,076	1/4	30,187	1/4	40,287	1/4	50,388	1/4	60,488	1/4	70,589	1/4	80,690	1/4	90,789
1/2	461	1/2	10,227	1/2	20,286	1/2	30,397	1/2	40,498	1/2	50,598	1/2	60,699	1/2	70,799	1/2	80,900	1/2	91,000
3/4	588	3/4	10,435	3/4	20,497	3/4	30,608	3/4	40,708	3/4	50,809	3/4	60,909	3/4	71,010	3/4	81,111	3/4	91,210
2	714	2	10,644	2	20,708	2	30,818	2	40,919	2	51,019	2	61,120	2	71,220	2	81,321	2	91,420
1/4	915	1/4	10,849	1/4	20,918	1/4	31,029	1/4	41,129	1/4	51,230	1/4	61,330	1/4	71,430	1/4	81,532	1/4	91,631
1/2	1,115	1/2	11,055	1/2	21,129	1/2	31,239	1/2	41,340	1/2	51,440	1/2	61,540	1/2	71,641	1/2	81,742	1/2	91,841
3/4	1,316	3/4	11,261	3/4	21,339	3/4	31,450	3/4	41,550	3/4	51,650	3/4	61,751	3/4	71,851	3/4	81,952	3/4	92,052
3	1,516	3	11,466	3	21,550	3	31,660	3	41,760	3	51,861	3	61,961	3	72,062	3	82,163	3	92,262
1/4	1,714	1/4	11,672	1/4	21,761	1/4	31,870	1/4	41,971	1/4	52,071	1/4	62,172	1/4	72,272	1/4	82,373	1/4	92,473
1/2	1,911	1/2	11,878	1/2	21,971	1/2	32,081	1/2	42,181	1/2	52,282	1/2	62,382	1/2	72,483	1/2	82,584	1/2	92,683
3/4	2,108	3/4	12,083	3/4	22,182	3/4	32,291	3/4	42,392	3/4	52,492	3/4	62,593	3/4	72,693	3/4	82,794	3/4	92,894
4	2,306	4	12,289	4	22,392	4	32,502	4	42,602	4	52,703	4	62,803	4	72,904	4	83,005	4	93,104
1/4	2,499	1/4	12,497	1/4	22,603	1/4	32,712	1/4	42,813	1/4	52,913	1/4	63,013	1/4	73,114	1/4	83,215	1/4	93,314
1/2	2,692	1/2	12,706	1/2	22,814	1/2	32,923	1/2	43,023	1/2	53,123	1/2	63,224	1/2	73,324	1/2	83,425	1/2	93,525
3/4	2,885	3/4	12,914	3/4	23,025	3/4	33,133	3/4	43,233	3/4	53,334	3/4	63,434	3/4	73,535	3/4	83,636	3/4	93,735
5	3,077	5	13,122	5	23,236	5	33,343	5	43,444	5	53,544	5	63,645	5	73,745	5	83,846	5	93,946
1/4	3,284	1/4	13,333	1/4	23,447	1/4	33,554	1/4	43,654	1/4	53,755	1/4	63,855	1/4	73,956	1/4	84,057	1/4	94,156
1/2	3,490	1/2	13,544	1/2	23,658	1/2	33,764	1/2	43,865	1/2	53,965	1/2	64,066	1/2	74,166	1/2	84,267	1/2	94,367
3/4	3,697	3/4	13,755	3/4	23,869	3/4	33,975	3/4	44,075	3/4	54,176	3/4	64,276	3/4	74,377	3/4	84,478	3/4	94,577
6	3,903	6	13,966	6	24,080	6	34,185	6	44,286	6	54,386	6	64,486	6	74,587	6	84,688	6	94,787
1/4	4,114	1/4	14,177	1/4	24,291	1/4	34,395	1/4	44,496	1/4	54,596	1/4	64,697	1/4	74,798	1/4	84,899	1/4	94,998
1/2	4,325	1/2	14,388	1/2	24,502	1/2	34,606	1/2	44,706	1/2	54,807	1/2	64,907	1/2	75,008	1/2	85,109	1/2	95,208
3/4	4,536	3/4	14,599	3/4	24,712	3/4	34,816	3/4	44,917	3/4	55,017	3/4	65,118	3/4	75,218	3/4	85,319	3/4	95,419
7	4,747	7	14,810	7	24,923	7	35,027	7	45,127	7	55,228	7	65,328	7	75,429	7	85,530	7	95,629
1/4	4,958	1/4	15,021	1/4	25,134	1/4	35,237	1/4	45,338	1/4	55,438	1/4	65,539	1/4	75,639	1/4	85,740	1/4	95,840
1/2	5,169	1/2	15,232	1/2	25,345	1/2	35,448	1/2	45,548	1/2	55,649	1/2	65,749	1/2	75,850	1/2	85,951	1/2	96,050
3/4	5,380	3/4	15,443	3/4	25,556	3/4	35,658	3/4	45,759	3/4	55,859	3/4	65,959	3/4	76,060	3/4	86,161	3/4	96,260
8	5,591	8	15,653	8	25,767	8	35,868	8	45,969	8	56,069	8	66,170	8	76,271	8	86,372	8	96,471
1/4	5,802	1/4	15,864	1/4	25,978	1/4	36,079	1/4	46,179	1/4	56,280	1/4	66,380	1/4	76,481	1/4	86,582	1/4	96,681
1/2	6,013	1/2	16,075	1/2	26,188	1/2	36,289	1/2	46,390	1/2	56,490	1/2	66,591	1/2	76,691	1/2	86,793	1/2	96,892
3/4	6,224	3/4	16,285	3/4	26,399	3/4	36,500	3/4	46,600	3/4	56,701	3/4	66,801	3/4	76,902	3/4	87,003	3/4	97,102
9	6,435	9	16,496	9	26,610	9	36,710	9	46,811	9	56,911	9	67,012	9	77,112	9	87,213	9	97,313
1/4	6,646	1/4	16,706	1/4	26,820	1/4	36,921	1/4	47,021	1/4	57,122	1/4	67,222	1/4	77,323	1/4	87,424	1/4	97,523
1/2	6,857	1/2	16,917	1/2	27,031	1/2	37,131	1/2	47,231	1/2	57,332	1/2	67,432	1/2	77,533	1/2	87,634	1/2	97,734
3/4	7,068	3/4	17,128	3/4	27,241	3/4	37,341	3/4	47,442	3/4	57,542	3/4	67,643	3/4	77,744	3/4	87,845	3/4	97,944
10	7,279	10	17,338	10	27,451	10	37,552	10	47,652	10	57,753	10	67,853	10	77,954	10	88,055	10	98,154
1/4	7,490	1/4	17,549	1/4	27,662	1/4	37,762	1/4	47,863	1/4	57,963	1/4	68,064	1/4	78,165	1/4	88,265	1/4	98,365
1/2	7,701	1/2	17,759	1/2	27,872	1/2	37,973	1/2	48,073	1/2	58,174	1/2	68,274	1/2	78,375	1/2	88,476	1/2	98,575
3/4	7,912	3/4	17,970	3/4	28,083	3/4	38,183	3/4	48,284	3/4	58,384	3/4	68,485	3/4	78,585	3/4	88,686	3/4	98,786
11	8,123	11	18,181	11	28,293	11	38,394	11	48,494	11	58,594	11	68,695	11	78,796	11	88,896	11	98,996
1/4	8,334	1/4	18,391	1/4	28,504	1/4	38,604	1/4	48,704	1/4	58,805	1/4	68,906	1/4	79,006	1/4	89,106	1/4	99,207
1/2	8,544	1/2	18,602	1/2	28,714	1/2	38,814	1/2	48,915	1/2	59,015	1/2	69,116	1/2	79,217	1/2	89,317	1/2	99,417
3/4	8,755	3/4	18,812	3/4	28,924	3/4	39,025	3/4	49,125	3/4	59,226	3/4	69,326	3/4	79,427	3/4	89,527	3/4	99,627

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 25'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "DBL 89"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00"

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	99,838	0	109,370	0	118,090	0	126,811	0	135,531	0		0		0		0		0	
1/4	100,048	1/4	109,551	1/4	118,272	1/4	126,992	1/4	135,713	1/4		1/4		1/4		1/4		1/4	
1/2	100,259	1/2	109,733	1/2	118,453	1/2	127,174	1/2	135,894	1/2		1/2		1/2		1/2		1/2	
3/4	100,469	3/4	109,915	3/4	118,635	3/4	127,356	3/4	136,076	3/4		3/4		3/4		3/4		3/4	
1	100,680	1	110,096	1	118,817	1	127,537	1	136,258	1		1		1		1		1	
1/4	100,890	1/4	110,278	1/4	118,998	1/4	127,719	1/4	136,439	1/4		1/4		1/4		1/4		1/4	
1/2	101,101	1/2	110,460	1/2	119,180	1/2	127,901	1/2	136,621	1/2		1/2		1/2		1/2		1/2	
3/4	101,311	3/4	110,641	3/4	119,362	3/4	128,082	3/4	136,803	3/4		3/4		3/4		3/4		3/4	
2	101,521	2	110,823	2	119,543	2	128,264	2	136,984	2		2		2		2		2	
1/4	101,732	1/4	111,005	1/4	119,725	1/4	128,446	1/4	137,166	1/4		1/4		1/4		1/4		1/4	
1/2	101,942	1/2	111,186	1/2	119,907	1/2	128,627	1/2	137,348	1/2		1/2		1/2		1/2		1/2	
3/4	102,153	3/4	111,368	3/4	120,089	3/4	128,809	3/4	137,529	3/4		3/4		3/4		3/4		3/4	
3	102,363	3	111,550	3	120,270	3	128,991	3	137,711	3		3		3		3		3	
1/4	102,574	1/4	111,731	1/4	120,452	1/4	129,172	1/4	137,893	1/4		1/4		1/4		1/4		1/4	
1/2	102,784	1/2	111,913	1/2	120,634	1/2	129,354	1/2	138,074	1/2		1/2		1/2		1/2		1/2	
3/4	102,994	3/4	112,095	3/4	120,815	3/4	129,536	3/4	138,256	3/4		3/4		3/4		3/4		3/4	
4	103,205	4	112,276	4	120,997	4	129,717	4	138,438	4		4		4		4		4	
1/4	103,416	1/4	112,458	1/4	121,179	1/4	129,899	1/4	138,619	1/4		1/4		1/4		1/4		1/4	
1/2	103,627	1/2	112,640	1/2	121,360	1/2	130,081	1/2	138,801	1/2		1/2		1/2		1/2		1/2	
3/4	103,838	3/4	112,821	3/4	121,542	3/4	130,262	3/4	138,983	3/4		3/4		3/4		3/4		3/4	
5	104,049	5	113,003	5	121,724	5	130,444	5	139,164	5		5		5		5		5	
1/4	104,260	1/4	113,185	1/4	121,905	1/4	130,626	1/4	139,346	1/4		1/4		1/4		1/4		1/4	
1/2	104,471	1/2	113,367	1/2	122,087	1/2	130,807	1/2	139,528	1/2		1/2		1/2		1/2		1/2	
3/4	104,681	3/4	113,548	3/4	122,269	3/4	130,989	3/4	139,710	3/4		3/4		3/4		3/4		3/4	
6	104,892	6	113,730	6	122,450	6	131,171	6	139,891	6		6		6		6		6	
1/4	105,103	1/4	113,912	1/4	122,632	1/4	131,352	1/4	140,060	1/4		1/4		1/4		1/4		1/4	
1/2	105,314	1/2	114,093	1/2	122,814	1/2	131,534	1/2	140,229	1/2		1/2		1/2		1/2		1/2	
3/4	105,525	3/4	114,275	3/4	122,995	3/4	131,716	3/4	140,397	3/4		3/4		3/4		3/4		3/4	
7	105,736	7	114,457	7	123,177	7	131,897	7	140,566	7		7		7		7		7	
1/4	105,918	1/4	114,638	1/4	123,359	1/4	132,079	1/4	140,650	1/4		1/4		1/4		1/4		1/4	
1/2	106,099	1/2	114,820	1/2	123,540	1/2	132,261	1/2	140,735	1/2		1/2		1/2		1/2		1/2	
3/4	106,281	3/4	115,002	3/4	123,722	3/4	132,442	3/4	140,819	3/4		3/4		3/4		3/4		3/4	
8	106,463	8	115,183	8	123,904	8	132,624	8	140,903	8		8		8		8		8	
1/4	106,645	1/4	115,365	1/4	124,085	1/4	132,806	1/4	140,925	1/4		1/4		1/4		1/4		1/4	
1/2	106,826	1/2	115,547	1/2	124,267	1/2	132,988	1/2	140,946	1/2		1/2		1/2		1/2		1/2	
3/4	107,008	3/4	115,728	3/4	124,449	3/4	133,169	3/4		3/4		3/4		3/4		3/4		3/4	
9	107,190	9	115,910	9	124,630	9	133,351	9		9		9		9		9		9	
1/4	107,371	1/4	116,092	1/4	124,812	1/4	133,533	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,553	1/2	116,273	1/2	124,994	1/2	133,714	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,735	3/4	116,455	3/4	125,175	3/4	133,896	3/4		3/4		3/4		3/4		3/4		3/4	
10	107,916	10	116,637	10	125,357	10	134,078	10		10		10		10		10		10	
1/4	108,098	1/4	116,818	1/4	125,539	1/4	134,259	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,280	1/2	117,000	1/2	125,720	1/2	134,441	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,461	3/4	117,182	3/4	125,902	3/4	134,623	3/4		3/4		3/4		3/4		3/4		3/4	
11	108,643	11	117,363	11	126,084	11	134,804	11		11		11		11		11		11	
1/4	108,825	1/4	117,545	1/4	126,265	1/4	134,986	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,006	1/2	117,727	1/2	126,447	1/2	135,168	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,188	3/4	117,908	3/4	126,629	3/4	135,349	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2010 CL - SW
CALCULATED: 06/29/2010 CL
PRINTED: 06/29/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2010

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 89"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 16'-11 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	39	0	10,043	0	21,282	0	32,591	0	43,917	0	55,244	0	66,570	0	77,897	0	89,224	0	100,549
1/4	87	1/4	10,279	1/4	21,517	1/4	32,827	1/4	44,153	1/4	55,480	1/4	66,806	1/4	78,133	1/4	89,460	1/4	100,784
1/2	134	1/2	10,515	1/2	21,752	1/2	33,063	1/2	44,389	1/2	55,716	1/2	67,042	1/2	78,369	1/2	89,696	1/2	101,020
3/4	181	3/4	10,751	3/4	21,987	3/4	33,299	3/4	44,625	3/4	55,952	3/4	67,278	3/4	78,605	3/4	89,932	3/4	101,256
1	228	1	10,987	1	22,221	1	33,535	1	44,861	1	56,188	1	67,514	1	78,841	1	90,167	1	101,492
1/4	370	1/4	11,220	1/4	22,456	1/4	33,771	1/4	45,097	1/4	56,424	1/4	67,750	1/4	79,077	1/4	90,403	1/4	101,728
1/2	511	1/2	11,453	1/2	22,691	1/2	34,007	1/2	45,333	1/2	56,660	1/2	67,986	1/2	79,313	1/2	90,639	1/2	101,964
3/4	653	3/4	11,687	3/4	22,926	3/4	34,243	3/4	45,569	3/4	56,896	3/4	68,222	3/4	79,549	3/4	90,875	3/4	102,200
2	795	2	11,920	2	23,161	2	34,479	2	45,805	2	57,132	2	68,458	2	79,785	2	91,112	2	102,436
1/4	1,019	1/4	12,151	1/4	23,396	1/4	34,715	1/4	46,041	1/4	57,368	1/4	68,694	1/4	80,021	1/4	91,347	1/4	102,672
1/2	1,243	1/2	12,382	1/2	23,631	1/2	34,951	1/2	46,277	1/2	57,604	1/2	68,930	1/2	80,257	1/2	91,583	1/2	102,908
3/4	1,467	3/4	12,612	3/4	23,865	3/4	35,186	3/4	46,513	3/4	57,840	3/4	69,166	3/4	80,493	3/4	91,819	3/4	103,144
3	1,691	3	12,843	3	24,100	3	35,422	3	46,749	3	58,076	3	69,402	3	80,729	3	92,055	3	103,380
1/4	1,914	1/4	13,074	1/4	24,335	1/4	35,658	1/4	46,985	1/4	58,312	1/4	69,638	1/4	80,965	1/4	92,291	1/4	103,616
1/2	2,136	1/2	13,304	1/2	24,570	1/2	35,894	1/2	47,221	1/2	58,548	1/2	69,874	1/2	81,201	1/2	92,527	1/2	103,852
3/4	2,359	3/4	13,535	3/4	24,805	3/4	36,130	3/4	47,457	3/4	58,783	3/4	70,110	3/4	81,437	3/4	92,763	3/4	104,088
4	2,581	4	13,766	4	25,040	4	36,366	4	47,693	4	59,019	4	70,346	4	81,673	4	92,999	4	104,324
1/4	2,799	1/4	13,999	1/4	25,276	1/4	36,602	1/4	47,929	1/4	59,255	1/4	70,582	1/4	81,909	1/4	93,235	1/4	104,560
1/2	3,017	1/2	14,233	1/2	25,512	1/2	36,838	1/2	48,165	1/2	59,491	1/2	70,818	1/2	82,145	1/2	93,471	1/2	104,796
3/4	3,235	3/4	14,466	3/4	25,748	3/4	37,074	3/4	48,401	3/4	59,727	3/4	71,054	3/4	82,380	3/4	93,707	3/4	105,032
5	3,453	5	14,699	5	25,984	5	37,310	5	48,637	5	59,963	5	71,290	5	82,616	5	93,943	5	105,268
1/4	3,684	1/4	14,935	1/4	26,220	1/4	37,546	1/4	48,873	1/4	60,199	1/4	71,526	1/4	82,852	1/4	94,179	1/4	105,504
1/2	3,916	1/2	15,171	1/2	26,456	1/2	37,782	1/2	49,109	1/2	60,435	1/2	71,762	1/2	83,088	1/2	94,415	1/2	105,740
3/4	4,147	3/4	15,407	3/4	26,692	3/4	38,018	3/4	49,345	3/4	60,671	3/4	71,998	3/4	83,324	3/4	94,651	3/4	105,976
6	4,379	6	15,643	6	26,928	6	38,254	6	49,581	6	60,907	6	72,234	6	83,560	6	94,887	6	106,212
1/4	4,615	1/4	15,878	1/4	27,163	1/4	38,490	1/4	49,817	1/4	61,143	1/4	72,470	1/4	83,796	1/4	95,123	1/4	106,448
1/2	4,851	1/2	16,113	1/2	27,399	1/2	38,726	1/2	50,053	1/2	61,379	1/2	72,706	1/2	84,032	1/2	95,359	1/2	106,684
3/4	5,087	3/4	16,349	3/4	27,635	3/4	38,962	3/4	50,289	3/4	61,615	3/4	72,942	3/4	84,268	3/4	95,595	3/4	106,920
7	5,323	7	16,584	7	27,871	7	39,198	7	50,525	7	61,851	7	73,178	7	84,504	7	95,831	7	107,156
1/4	5,559	1/4	16,819	1/4	28,107	1/4	39,434	1/4	50,760	1/4	62,087	1/4	73,414	1/4	84,740	1/4	96,067	1/4	107,392
1/2	5,795	1/2	17,054	1/2	28,343	1/2	39,670	1/2	50,996	1/2	62,323	1/2	73,650	1/2	84,976	1/2	96,303	1/2	107,628
3/4	6,031	3/4	17,289	3/4	28,579	3/4	39,906	3/4	51,232	3/4	62,559	3/4	73,886	3/4	85,212	3/4	96,539	3/4	107,864
8	6,267	8	17,524	8	28,815	8	40,142	8	51,468	8	62,795	8	74,122	8	85,448	8	96,775	8	108,099
1/4	6,503	1/4	17,759	1/4	29,051	1/4	40,378	1/4	51,704	1/4	63,031	1/4	74,357	1/4	85,684	1/4	97,011	1/4	108,335
1/2	6,739	1/2	17,994	1/2	29,287	1/2	40,614	1/2	51,940	1/2	63,267	1/2	74,593	1/2	85,920	1/2	97,247	1/2	108,571
3/4	6,975	3/4	18,229	3/4	29,523	3/4	40,850	3/4	52,176	3/4	63,503	3/4	74,829	3/4	86,156	3/4	97,483	3/4	108,807
9	7,211	9	18,464	9	29,759	9	41,086	9	52,412	9	63,739	9	75,065	9	86,392	9	97,719	9	109,043
1/4	7,447	1/4	18,699	1/4	29,995	1/4	41,322	1/4	52,648	1/4	63,975	1/4	75,301	1/4	86,628	1/4	97,954	1/4	109,279
1/2	7,683	1/2	18,933	1/2	30,231	1/2	41,558	1/2	52,884	1/2	64,211	1/2	75,537	1/2	86,864	1/2	98,190	1/2	109,515
3/4	7,919	3/4	19,168	3/4	30,467	3/4	41,794	3/4	53,120	3/4	64,447	3/4	75,773	3/4	87,100	3/4	98,426	3/4	109,751
10	8,155	10	19,403	10	30,703	10	42,030	10	53,356	10	64,683	10	76,009	10	87,336	10	98,662	10	109,987
1/4	8,391	1/4	19,638	1/4	30,939	1/4	42,266	1/4	53,592	1/4	64,919	1/4	76,245	1/4	87,572	1/4	98,898	1/4	110,223
1/2	8,627	1/2	19,873	1/2	31,175	1/2	42,502	1/2	53,828	1/2	65,155	1/2	76,481	1/2	87,808	1/2	99,134	1/2	110,459
3/4	8,863	3/4	20,108	3/4	31,411	3/4	42,738	3/4	54,064	3/4	65,391	3/4	76,717	3/4	88,044	3/4	99,370	3/4	110,695
11	9,099	11	20,343	11	31,647	11	42,973	11	54,300	11	65,627	11	76,953	11	88,280	11	99,605	11	110,931
1/4	9,335	1/4	20,577	1/4	31,883	1/4	43,209	1/4	54,536	1/4	65,863	1/4	77,189	1/4	88,516	1/4	99,841	1/4	111,167
1/2	9,571	1/2	20,812	1/2	32,119	1/2	43,445	1/2	54,772	1/2	66,099	1/2	77,425	1/2	88,752	1/2	100,077	1/2	111,403
3/4	9,807	3/4	21,047	3/4	32,355	3/4	43,681	3/4	55,008	3/4	66,335	3/4	77,661	3/4	88,988	3/4	100,313	3/4	111,639

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "DBL 89"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 16'-11 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	111,875	0	123,201	0	134,528	0	145,854	0	157,181	0		0		0		0		0	
1/4	112,111	1/4	123,437	1/4	134,764	1/4	146,090	1/4	157,417	1/4		1/4		1/4		1/4		1/4	
1/2	112,347	1/2	123,673	1/2	135,000	1/2	146,326	1/2	157,653	1/2		1/2		1/2		1/2		1/2	
3/4	112,583	3/4	123,909	3/4	135,236	3/4	146,562	3/4	157,889	3/4		3/4		3/4		3/4		3/4	
1	112,819	1	124,145	1	135,472	1	146,798	1	158,125	1		1		1		1		1	
1/4	113,055	1/4	124,381	1/4	135,708	1/4	147,034	1/4	158,361	1/4		1/4		1/4		1/4		1/4	
1/2	113,291	1/2	124,617	1/2	135,944	1/2	147,270	1/2	158,597	1/2		1/2		1/2		1/2		1/2	
3/4	113,527	3/4	124,853	3/4	136,180	3/4	147,506	3/4	158,833	3/4		3/4		3/4		3/4		3/4	
2	113,763	2	125,089	2	136,416	2	147,742	2	159,069	2		2		2		2		2	
1/4	113,999	1/4	125,325	1/4	136,652	1/4	147,978	1/4	159,305	1/4		1/4		1/4		1/4		1/4	
1/2	114,235	1/2	125,561	1/2	136,888	1/2	148,214	1/2	159,540	1/2		1/2		1/2		1/2		1/2	
3/4	114,471	3/4	125,797	3/4	137,124	3/4	148,450	3/4	159,776	3/4		3/4		3/4		3/4		3/4	
3	114,707	3	126,033	3	137,359	3	148,686	3	160,012	3		3		3		3		3	
1/4	114,943	1/4	126,269	1/4	137,595	1/4	148,922	1/4	160,248	1/4		1/4		1/4		1/4		1/4	
1/2	115,179	1/2	126,505	1/2	137,831	1/2	149,158	1/2	160,484	1/2		1/2		1/2		1/2		1/2	
3/4	115,414	3/4	126,741	3/4	138,067	3/4	149,394	3/4	160,720	3/4		3/4		3/4		3/4		3/4	
4	115,650	4	126,977	4	138,303	4	149,630	4	160,956	4		4		4		4		4	
1/4	115,886	1/4	127,213	1/4	138,539	1/4	149,866	1/4	161,192	1/4		1/4		1/4		1/4		1/4	
1/2	116,122	1/2	127,449	1/2	138,775	1/2	150,102	1/2	161,428	1/2		1/2		1/2		1/2		1/2	
3/4	116,358	3/4	127,685	3/4	139,011	3/4	150,338	3/4	161,664	3/4		3/4		3/4		3/4		3/4	
5	116,594	5	127,921	5	139,247	5	150,574	5	161,900	5		5		5		5		5	
1/4	116,830	1/4	128,157	1/4	139,483	1/4	150,810	1/4	162,136	1/4		1/4		1/4		1/4		1/4	
1/2	117,066	1/2	128,393	1/2	139,719	1/2	151,046	1/2	162,372	1/2		1/2		1/2		1/2		1/2	
3/4	117,302	3/4	128,629	3/4	139,955	3/4	151,282	3/4	162,608	3/4		3/4		3/4		3/4		3/4	
6	117,538	6	128,865	6	140,191	6	151,518	6	162,844	6		6		6		6		6	
1/4	117,774	1/4	129,101	1/4	140,427	1/4	151,754	1/4	163,033	1/4		1/4		1/4		1/4		1/4	
1/2	118,010	1/2	129,337	1/2	140,663	1/2	151,990	1/2	163,222	1/2		1/2		1/2		1/2		1/2	
3/4	118,246	3/4	129,573	3/4	140,899	3/4	152,225	3/4	163,410	3/4		3/4		3/4		3/4		3/4	
7	118,482	7	129,809	7	141,135	7	152,461	7	163,599	7		7		7		7		7	
1/4	118,718	1/4	130,044	1/4	141,371	1/4	152,697	1/4	163,693	1/4		1/4		1/4		1/4		1/4	
1/2	118,954	1/2	130,280	1/2	141,607	1/2	152,933	1/2	163,788	1/2		1/2		1/2		1/2		1/2	
3/4	119,190	3/4	130,516	3/4	141,843	3/4	153,169	3/4	163,882	3/4		3/4		3/4		3/4		3/4	
8	119,426	8	130,752	8	142,079	8	153,405	8	163,977	8		8		8		8		8	
1/4	119,662	1/4	130,988	1/4	142,315	1/4	153,641	1/4	164,000	1/4		1/4		1/4		1/4		1/4	
1/2	119,898	1/2	131,224	1/2	142,551	1/2	153,877	1/2	164,024	1/2		1/2		1/2		1/2		1/2	
3/4	120,134	3/4	131,460	3/4	142,787	3/4	154,113	3/4		3/4		3/4		3/4		3/4		3/4	
9	120,370	9	131,696	9	143,023	9	154,349	9		9		9		9		9		9	
1/4	120,606	1/4	131,932	1/4	143,259	1/4	154,585	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,842	1/2	132,168	1/2	143,495	1/2	154,821	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,078	3/4	132,404	3/4	143,731	3/4	155,057	3/4		3/4		3/4		3/4		3/4		3/4	
10	121,314	10	132,640	10	143,967	10	155,293	10		10		10		10		10		10	
1/4	121,550	1/4	132,876	1/4	144,203	1/4	155,529	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,786	1/2	133,112	1/2	144,439	1/2	155,765	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,022	3/4	133,348	3/4	144,675	3/4	156,001	3/4		3/4		3/4		3/4		3/4		3/4	
11	122,258	11	133,584	11	144,910	11	156,237	11		11		11		11		11		11	
1/4	122,494	1/4	133,820	1/4	145,146	1/4	156,473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,729	1/2	134,056	1/2	145,382	1/2	156,709	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,965	3/4	134,292	3/4	145,618	3/4	156,945	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/29/2010 CL - SW
CALCULATED: 06/29/2010 CL
PRINTED: 06/29/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2010

PRECISION MEASUREMENT
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BARGE "DBL 89"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00 1/2"

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	39	0	9,576	0	20,313	0	31,114	0	41,920	0	52,725	0	63,531	0	74,336	0	85,142	0	95,946
1/4	84	1/4	9,801	1/4	20,538	1/4	31,339	1/4	42,145	1/4	52,950	1/4	63,756	1/4	74,561	1/4	85,367	1/4	96,171
1/2	129	1/2	10,027	1/2	20,763	1/2	31,564	1/2	42,370	1/2	53,175	1/2	63,981	1/2	74,786	1/2	85,592	1/2	96,396
3/4	174	3/4	10,252	3/4	20,988	3/4	31,789	3/4	42,595	3/4	53,400	3/4	64,206	3/4	75,011	3/4	85,817	3/4	96,621
1	219	1	10,477	1	21,213	1	32,014	1	42,820	1	53,626	1	64,431	1	75,237	1	86,042	1	96,846
1/4	354	1/4	10,699	1/4	21,437	1/4	32,240	1/4	43,045	1/4	53,851	1/4	64,656	1/4	75,462	1/4	86,267	1/4	97,071
1/2	490	1/2	10,922	1/2	21,662	1/2	32,465	1/2	43,270	1/2	54,076	1/2	64,881	1/2	75,687	1/2	86,492	1/2	97,296
3/4	625	3/4	11,144	3/4	21,887	3/4	32,690	3/4	43,495	3/4	54,301	3/4	65,106	3/4	75,912	3/4	86,717	3/4	97,521
2	760	2	11,367	2	22,112	2	32,915	2	43,720	2	54,526	2	65,332	2	76,137	2	86,943	2	97,746
1/4	974	1/4	11,587	1/4	22,337	1/4	33,140	1/4	43,946	1/4	54,751	1/4	65,557	1/4	76,362	1/4	87,168	1/4	97,972
1/2	1,187	1/2	11,807	1/2	22,561	1/2	33,365	1/2	44,171	1/2	54,976	1/2	65,782	1/2	76,587	1/2	87,393	1/2	98,197
3/4	1,401	3/4	12,027	3/4	22,786	3/4	33,590	3/4	44,396	3/4	55,201	3/4	66,007	3/4	76,812	3/4	87,618	3/4	98,422
3	1,615	3	12,246	3	23,011	3	33,815	3	44,621	3	55,426	3	66,232	3	77,038	3	87,843	3	98,647
1/4	1,827	1/4	12,466	1/4	23,236	1/4	34,040	1/4	44,846	1/4	55,652	1/4	66,457	1/4	77,263	1/4	88,068	1/4	98,872
1/2	2,039	1/2	12,686	1/2	23,461	1/2	34,266	1/2	45,071	1/2	55,877	1/2	66,682	1/2	77,488	1/2	88,293	1/2	99,097
3/4	2,250	3/4	12,906	3/4	23,685	3/4	34,491	3/4	45,296	3/4	56,102	3/4	66,907	3/4	77,713	3/4	88,518	3/4	99,322
4	2,462	4	13,126	4	23,910	4	34,716	4	45,521	4	56,327	4	67,132	4	77,938	4	88,744	4	99,547
1/4	2,669	1/4	13,348	1/4	24,135	1/4	34,941	1/4	45,746	1/4	56,552	1/4	67,358	1/4	78,163	1/4	88,969	1/4	99,772
1/2	2,876	1/2	13,571	1/2	24,361	1/2	35,166	1/2	45,972	1/2	56,777	1/2	67,583	1/2	78,388	1/2	89,194	1/2	99,998
3/4	3,083	3/4	13,793	3/4	24,586	3/4	35,391	3/4	46,197	3/4	57,002	3/4	67,808	3/4	78,613	3/4	89,419	3/4	100,223
5	3,290	5	14,016	5	24,811	5	35,616	5	46,422	5	57,227	5	68,033	5	78,838	5	89,644	5	100,448
1/4	3,511	1/4	14,241	1/4	25,036	1/4	35,841	1/4	46,647	1/4	57,452	1/4	68,258	1/4	79,064	1/4	89,869	1/4	100,673
1/2	3,731	1/2	14,466	1/2	25,261	1/2	36,067	1/2	46,872	1/2	57,678	1/2	68,483	1/2	79,289	1/2	90,094	1/2	100,898
3/4	3,952	3/4	14,691	3/4	25,486	3/4	36,292	3/4	47,097	3/4	57,903	3/4	68,708	3/4	79,514	3/4	90,319	3/4	101,123
6	4,173	6	14,916	6	25,711	6	36,517	6	47,322	6	58,128	6	68,933	6	79,739	6	90,544	6	101,348
1/4	4,398	1/4	15,141	1/4	25,936	1/4	36,742	1/4	47,547	1/4	58,353	1/4	69,158	1/4	79,964	1/4	90,770	1/4	101,573
1/2	4,623	1/2	15,366	1/2	26,161	1/2	36,967	1/2	47,773	1/2	58,578	1/2	69,384	1/2	80,189	1/2	90,995	1/2	101,799
3/4	4,848	3/4	15,591	3/4	26,387	3/4	37,192	3/4	47,998	3/4	58,803	3/4	69,609	3/4	80,414	3/4	91,220	3/4	102,024
7	5,073	7	15,817	7	26,612	7	37,417	7	48,223	7	59,028	7	69,834	7	80,639	7	91,445	7	102,249
1/4	5,298	1/4	16,042	1/4	26,837	1/4	37,642	1/4	48,448	1/4	59,253	1/4	70,059	1/4	80,864	1/4	91,670	1/4	102,474
1/2	5,524	1/2	16,267	1/2	27,062	1/2	37,867	1/2	48,673	1/2	59,479	1/2	70,284	1/2	81,090	1/2	91,895	1/2	102,699
3/4	5,749	3/4	16,492	3/4	27,287	3/4	38,093	3/4	48,898	3/4	59,704	3/4	70,509	3/4	81,315	3/4	92,120	3/4	102,924
8	5,974	8	16,717	8	27,512	8	38,318	8	49,123	8	59,929	8	70,734	8	81,540	8	92,345	8	103,149
1/4	6,199	1/4	16,942	1/4	27,737	1/4	38,543	1/4	49,348	1/4	60,154	1/4	70,959	1/4	81,765	1/4	92,570	1/4	103,374
1/2	6,424	1/2	17,166	1/2	27,962	1/2	38,768	1/2	49,573	1/2	60,379	1/2	71,185	1/2	81,990	1/2	92,796	1/2	103,599
3/4	6,649	3/4	17,391	3/4	28,187	3/4	38,993	3/4	49,799	3/4	60,604	3/4	71,410	3/4	82,215	3/4	93,021	3/4	103,825
9	6,874	9	17,616	9	28,413	9	39,218	9	50,024	9	60,829	9	71,635	9	82,440	9	93,246	9	104,050
1/4	7,100	1/4	17,841	1/4	28,638	1/4	39,443	1/4	50,249	1/4	61,054	1/4	71,860	1/4	82,665	1/4	93,471	1/4	104,275
1/2	7,325	1/2	18,066	1/2	28,863	1/2	39,668	1/2	50,474	1/2	61,279	1/2	72,085	1/2	82,891	1/2	93,696	1/2	104,500
3/4	7,550	3/4	18,290	3/4	29,088	3/4	39,893	3/4	50,699	3/4	61,505	3/4	72,310	3/4	83,116	3/4	93,921	3/4	104,725
10	7,775	10	18,515	10	29,313	10	40,119	10	50,924	10	61,730	10	72,535	10	83,341	10	94,146	10	104,950
1/4	8,000	1/4	18,740	1/4	29,538	1/4	40,344	1/4	51,149	1/4	61,955	1/4	72,760	1/4	83,566	1/4	94,371	1/4	105,175
1/2	8,225	1/2	18,965	1/2	29,763	1/2	40,569	1/2	51,374	1/2	62,180	1/2	72,985	1/2	83,791	1/2	94,596	1/2	105,400
3/4	8,450	3/4	19,190	3/4	29,988	3/4	40,794	3/4	51,599	3/4	62,405	3/4	73,211	3/4	84,016	3/4	94,821	3/4	105,625
11	8,676	11	19,414	11	30,214	11	41,019	11	51,825	11	62,630	11	73,436	11	84,241	11	95,046	11	105,851
1/4	8,901	1/4	19,639	1/4	30,439	1/4	41,244	1/4	52,050	1/4	62,855	1/4	73,661	1/4	84,466	1/4	95,271	1/4	106,076
1/2	9,126	1/2	19,864	1/2	30,664	1/2	41,469	1/2	52,275	1/2	63,080	1/2	73,886	1/2	84,691	1/2	95,496	1/2	106,301
3/4	9,351	3/4	20,089	3/4	30,889	3/4	41,694	3/4	52,500	3/4	63,305	3/4	74,111	3/4	84,917	3/4	95,721	3/4	106,526

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 28'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "DBL 89"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE U.S. GALLONS

GAUGE HEIGHT 17'-00 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	106,751	0	117,556	0	128,362	0	139,167	0	149,973	0		0		0		0		0	
1/4	106,976	1/4	117,782	1/4	128,587	1/4	139,392	1/4	150,198	1/4		1/4		1/4		1/4		1/4	
1/2	107,201	1/2	118,007	1/2	128,812	1/2	139,618	1/2	150,423	1/2		1/2		1/2		1/2		1/2	
3/4	107,426	3/4	118,232	3/4	129,037	3/4	139,843	3/4	150,648	3/4		3/4		3/4		3/4		3/4	
1	107,651	1	118,457	1	129,262	1	140,068	1	150,873	1		1		1		1		1	
1/4	107,877	1/4	118,682	1/4	129,487	1/4	140,293	1/4	151,098	1/4		1/4		1/4		1/4		1/4	
1/2	108,102	1/2	118,907	1/2	129,713	1/2	140,518	1/2	151,323	1/2		1/2		1/2		1/2		1/2	
3/4	108,327	3/4	119,132	3/4	129,938	3/4	140,743	3/4	151,549	3/4		3/4		3/4		3/4		3/4	
2	108,552	2	119,357	2	130,163	2	140,968	2	151,774	2		2		2		2		2	
1/4	108,777	1/4	119,582	1/4	130,388	1/4	141,193	1/4	151,999	1/4		1/4		1/4		1/4		1/4	
1/2	109,002	1/2	119,808	1/2	130,613	1/2	141,418	1/2	152,224	1/2		1/2		1/2		1/2		1/2	
3/4	109,227	3/4	120,033	3/4	130,838	3/4	141,644	3/4	152,449	3/4		3/4		3/4		3/4		3/4	
3	109,452	3	120,258	3	131,063	3	141,869	3	152,674	3		3		3		3		3	
1/4	109,677	1/4	120,483	1/4	131,288	1/4	142,094	1/4	152,899	1/4		1/4		1/4		1/4		1/4	
1/2	109,903	1/2	120,708	1/2	131,513	1/2	142,319	1/2	153,124	1/2		1/2		1/2		1/2		1/2	
3/4	110,128	3/4	120,933	3/4	131,739	3/4	142,544	3/4	153,349	3/4		3/4		3/4		3/4		3/4	
4	110,353	4	121,158	4	131,964	4	142,769	4	153,575	4		4		4		4		4	
1/4	110,578	1/4	121,383	1/4	132,189	1/4	142,994	1/4	153,800	1/4		1/4		1/4		1/4		1/4	
1/2	110,803	1/2	121,608	1/2	132,414	1/2	143,219	1/2	154,025	1/2		1/2		1/2		1/2		1/2	
3/4	111,028	3/4	121,834	3/4	132,639	3/4	143,445	3/4	154,250	3/4		3/4		3/4		3/4		3/4	
5	111,253	5	122,059	5	132,864	5	143,670	5	154,475	5		5		5		5		5	
1/4	111,478	1/4	122,284	1/4	133,089	1/4	143,895	1/4	154,700	1/4		1/4		1/4		1/4		1/4	
1/2	111,703	1/2	122,509	1/2	133,314	1/2	144,120	1/2	154,925	1/2		1/2		1/2		1/2		1/2	
3/4	111,929	3/4	122,734	3/4	133,540	3/4	144,345	3/4	155,150	3/4		3/4		3/4		3/4		3/4	
6	112,154	6	122,959	6	133,765	6	144,570	6	155,376	6		6		6		6		6	
1/4	112,379	1/4	123,184	1/4	133,990	1/4	144,795	1/4	155,556	1/4		1/4		1/4		1/4		1/4	
1/2	112,604	1/2	123,409	1/2	134,215	1/2	145,020	1/2	155,736	1/2		1/2		1/2		1/2		1/2	
3/4	112,829	3/4	123,635	3/4	134,440	3/4	145,245	3/4	155,916	3/4		3/4		3/4		3/4		3/4	
7	113,054	7	123,860	7	134,665	7	145,471	7	156,096	7		7		7		7		7	
1/4	113,279	1/4	124,085	1/4	134,890	1/4	145,696	1/4	156,186	1/4		1/4		1/4		1/4		1/4	
1/2	113,504	1/2	124,310	1/2	135,115	1/2	145,921	1/2	156,276	1/2		1/2		1/2		1/2		1/2	
3/4	113,730	3/4	124,535	3/4	135,340	3/4	146,146	3/4	156,366	3/4		3/4		3/4		3/4		3/4	
8	113,955	8	124,760	8	135,566	8	146,371	8	156,456	8		8		8		8		8	
1/4	114,180	1/4	124,985	1/4	135,791	1/4	146,596	1/4	156,478	1/4		1/4		1/4		1/4		1/4	
1/2	114,405	1/2	125,210	1/2	136,016	1/2	146,821	1/2	156,501	1/2		1/2		1/2		1/2		1/2	
3/4	114,630	3/4	125,435	3/4	136,241	3/4	147,046	3/4		3/4		3/4		3/4		3/4		3/4	
9	114,855	9	125,661	9	136,466	9	147,271	9		9		9		9		9		9	
1/4	115,080	1/4	125,886	1/4	136,691	1/4	147,497	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,305	1/2	126,111	1/2	136,916	1/2	147,722	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,530	3/4	126,336	3/4	137,141	3/4	147,947	3/4		3/4		3/4		3/4		3/4		3/4	
10	115,756	10	126,561	10	137,366	10	148,172	10		10		10		10		10		10	
1/4	115,981	1/4	126,786	1/4	137,592	1/4	148,397	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	116,206	1/2	127,011	1/2	137,817	1/2	148,622	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116,431	3/4	127,236	3/4	138,042	3/4	148,847	3/4		3/4		3/4		3/4		3/4		3/4	
11	116,656	11	127,461	11	138,267	11	149,072	11		11		11		11		11		11	
1/4	116,881	1/4	127,687	1/4	138,492	1/4	149,297	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	117,106	1/2	127,912	1/2	138,717	1/2	149,523	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	117,331	3/4	128,137	3/4	138,942	3/4	149,748	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 06/29/2010 CL - SW
CALCULATED: 06/29/2010 CL
PRINTED: 06/29/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "DBL 89"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 3'-05 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	0	0	354	0	710	0	1,066	0		0		0		0		0		0	
1/4	7	1/4	361	1/4	718	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	15	1/2	369	1/2	725	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	376	3/4	733	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	29	1	384	1	740	1		1		1		1		1		1		1	
1/4	37	1/4	391	1/4	747	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	398	1/2	755	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	51	3/4	406	3/4	762	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	59	2	413	2	769	2		2		2		2		2		2		2	
1/4	66	1/4	421	1/4	777	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	428	1/2	784	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	81	3/4	436	3/4	791	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	88	3	443	3	799	3		3		3		3		3		3		3	
1/4	95	1/4	450	1/4	806	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	103	1/2	458	1/2	814	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	465	3/4	821	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	117	4	473	4	828	4		4		4		4		4		4		4	
1/4	125	1/4	480	1/4	836	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	488	1/2	843	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	495	3/4	851	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	147	5	502	5	858	5		5		5		5		5		5		5	
1/4	154	1/4	510	1/4	866	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162	1/2	517	1/2	873	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	525	3/4	880	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	176	6	532	6	888	6		6		6		6		6		6		6	
1/4	184	1/4	540	1/4	895	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	191	1/2	547	1/2	903	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	199	3/4	554	3/4	910	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	206	7	562	7	918	7		7		7		7		7		7		7	
1/4	214	1/4	569	1/4	925	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	221	1/2	577	1/2	932	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	228	3/4	584	3/4	940	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	236	8	592	8	947	8		8		8		8		8		8		8	
1/4	243	1/4	599	1/4	955	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	251	1/2	606	1/2	962	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	258	3/4	614	3/4	970	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	266	9	621	9	977	9		9		9		9		9		9		9	
1/4	273	1/4	629	1/4	984	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	280	1/2	636	1/2	992	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	288	3/4	644	3/4	999	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	295	10	651	10	1,007	10		10		10		10		10		10		10	
1/4	302	1/4	658	1/4	1,014	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	310	1/2	666	1/2	1,022	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	317	3/4	673	3/4	1,029	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	324	11	681	11	1,036	11		11		11		11		11		11		11	
1/4	332	1/4	688	1/4	1,044	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	339	1/2	696	1/2	1,051	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	346	3/4	703	3/4	1,059	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 AT THE MANWAY.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "DBL 89"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 8'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	4	1/4	190	1/4	375	1/4	561	1/4	747	1/4	931	1/4		1/4		1/4		1/4	
1/2	8	1/2	194	1/2	378	1/2	565	1/2	750	1/2	935	1/2		1/2		1/2		1/2	
3/4	12	3/4	198	3/4	382	3/4	568	3/4	754	3/4	939	3/4		3/4		3/4		3/4	
1	16	1	202	1	386	1	572	1	758	1	943	1		1		1		1	
1/4	19	1/4	206	1/4	390	1/4	576	1/4	762	1/4	947	1/4		1/4		1/4		1/4	
1/2	23	1/2	209	1/2	394	1/2	580	1/2	765	1/2	951	1/2		1/2		1/2		1/2	
3/4	27	3/4	213	3/4	398	3/4	584	3/4	769	3/4	954	3/4		3/4		3/4		3/4	
2	31	2	217	2	402	2	588	2	773	2	958	2		2		2		2	
1/4	35	1/4	221	1/4	406	1/4	592	1/4	777	1/4	962	1/4		1/4		1/4		1/4	
1/2	39	1/2	225	1/2	409	1/2	596	1/2	780	1/2	966	1/2		1/2		1/2		1/2	
3/4	43	3/4	229	3/4	413	3/4	599	3/4	784	3/4	970	3/4		3/4		3/4		3/4	
3	47	3	233	3	417	3	603	3	788	3	974	3		3		3		3	
1/4	51	1/4	237	1/4	421	1/4	607	1/4	792	1/4	978	1/4		1/4		1/4		1/4	
1/2	54	1/2	240	1/2	425	1/2	611	1/2	796	1/2	982	1/2		1/2		1/2		1/2	
3/4	58	3/4	244	3/4	429	3/4	615	3/4	799	3/4	985	3/4		3/4		3/4		3/4	
4	62	4	248	4	433	4	619	4	803	4	989	4		4		4		4	
1/4	66	1/4	252	1/4	437	1/4	623	1/4	807	1/4	993	1/4		1/4		1/4		1/4	
1/2	70	1/2	256	1/2	440	1/2	627	1/2	811	1/2	997	1/2		1/2		1/2		1/2	
3/4	74	3/4	260	3/4	444	3/4	630	3/4	815	3/4	1,001	3/4		3/4		3/4		3/4	
5	78	5	264	5	448	5	634	5	819	5	1,005	5		5		5		5	
1/4	82	1/4	268	1/4	452	1/4	638	1/4	823	1/4	1,009	1/4		1/4		1/4		1/4	
1/2	85	1/2	271	1/2	456	1/2	642	1/2	827	1/2	1,013	1/2		1/2		1/2		1/2	
3/4	89	3/4	275	3/4	460	3/4	646	3/4	830	3/4	1,016	3/4		3/4		3/4		3/4	
6	93	6	279	6	464	6	650	6	834	6	1,020	6		6		6		6	
1/4	97	1/4	283	1/4	468	1/4	654	1/4	838	1/4	1,024	1/4		1/4		1/4		1/4	
1/2	101	1/2	287	1/2	471	1/2	658	1/2	842	1/2	1,028	1/2		1/2		1/2		1/2	
3/4	105	3/4	291	3/4	475	3/4	661	3/4	846	3/4	1,032	3/4		3/4		3/4		3/4	
7	109	7	295	7	479	7	665	7	850	7	1,036	7		7		7		7	
1/4	113	1/4	299	1/4	483	1/4	669	1/4	854	1/4	1,040	1/4		1/4		1/4		1/4	
1/2	116	1/2	302	1/2	487	1/2	673	1/2	858	1/2	1,044	1/2		1/2		1/2		1/2	
3/4	120	3/4	306	3/4	491	3/4	677	3/4	861	3/4	1,047	3/4		3/4		3/4		3/4	
8	124	8	310	8	495	8	681	8	865	8	1,051	8		8		8		8	
1/4	128	1/4	314	1/4	499	1/4	685	1/4	869	1/4	1,055	1/4		1/4		1/4		1/4	
1/2	132	1/2	318	1/2	502	1/2	689	1/2	873	1/2	1,059	1/2		1/2		1/2		1/2	
3/4	136	3/4	321	3/4	506	3/4	692	3/4	877	3/4	1,063	3/4		3/4		3/4		3/4	
9	140	9	325	9	510	9	696	9	881	9	1,067	9		9		9		9	
1/4	144	1/4	329	1/4	514	1/4	700	1/4	885	1/4	1,071	1/4		1/4		1/4		1/4	
1/2	147	1/2	333	1/2	518	1/2	704	1/2	889	1/2	1,075	1/2		1/2		1/2		1/2	
3/4	151	3/4	336	3/4	522	3/4	708	3/4	892	3/4	1,078	3/4		3/4		3/4		3/4	
10	155	10	340	10	526	10	712	10	896	10	1,082	10		10		10		10	
1/4	159	1/4	344	1/4	530	1/4	716	1/4	900	1/4	1,086	1/4		1/4		1/4		1/4	
1/2	163	1/2	348	1/2	534	1/2	720	1/2	904	1/2	1,090	1/2		1/2		1/2		1/2	
3/4	167	3/4	351	3/4	537	3/4	723	3/4	908	3/4	1,094	3/4		3/4		3/4		3/4	
11	171	11	355	11	541	11	727	11	912	11	1,098	11		11		11		11	
1/4	175	1/4	359	1/4	545	1/4	731	1/4	916	1/4	1,102	1/4		1/4		1/4		1/4	
1/2	178	1/2	363	1/2	549	1/2	735	1/2	920	1/2	1,106	1/2		1/2		1/2		1/2	
3/4	182	3/4	367	3/4	553	3/4	739	3/4	923	3/4		3/4		3/4		3/4		3/4	

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 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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

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