



# BARGE "DBL 87"

## 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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
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	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

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

LENGTH BETWEEN DRAFT MARKS: 160'-00"

May 3, 2010

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

<http://www.pmacorp.net>



# BARGE "DBL 87"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	48	0	9,364	0	19,708	0	29,910	0	40,276	0	50,637	0	60,990	0	71,361	0	81,733	0	92,105
1/4	91	1/4	9,581	1/4	19,918	1/4	30,126	1/4	40,492	1/4	50,853	1/4	61,206	1/4	71,578	1/4	81,949	1/4	92,321
1/2	134	1/2	9,798	1/2	20,129	1/2	30,342	1/2	40,708	1/2	51,068	1/2	61,422	1/2	71,794	1/2	82,165	1/2	92,537
3/4	178	3/4	10,014	3/4	20,339	3/4	30,558	3/4	40,924	3/4	51,284	3/4	61,638	3/4	72,010	3/4	82,382	3/4	92,753
1	221	1	10,231	1	20,550	1	30,774	1	41,139	1	51,499	1	61,854	1	72,226	1	82,598	1	92,969
1/4	351	1/4	10,448	1/4	20,760	1/4	30,990	1/4	41,355	1/4	51,715	1/4	62,070	1/4	72,442	1/4	82,814	1/4	93,185
1/2	481	1/2	10,664	1/2	20,971	1/2	31,206	1/2	41,571	1/2	51,930	1/2	62,286	1/2	72,658	1/2	83,030	1/2	93,402
3/4	611	3/4	10,881	3/4	21,181	3/4	31,422	3/4	41,787	3/4	52,146	3/4	62,502	3/4	72,874	3/4	83,246	3/4	93,618
2	741	2	11,098	2	21,392	2	31,638	2	42,003	2	52,361	2	62,718	2	73,090	2	83,462	2	93,834
1/4	947	1/4	11,314	1/4	21,602	1/4	31,854	1/4	42,219	1/4	52,577	1/4	62,934	1/4	73,306	1/4	83,678	1/4	94,050
1/2	1,153	1/2	11,531	1/2	21,813	1/2	32,070	1/2	42,435	1/2	52,792	1/2	63,150	1/2	73,522	1/2	83,894	1/2	94,266
3/4	1,358	3/4	11,748	3/4	22,023	3/4	32,286	3/4	42,651	3/4	53,008	3/4	63,366	3/4	73,738	3/4	84,110	3/4	94,482
3	1,564	3	11,964	3	22,234	3	32,502	3	42,867	3	53,223	3	63,583	3	73,954	3	84,326	3	94,698
1/4	1,781	1/4	12,181	1/4	22,444	1/4	32,717	1/4	43,083	1/4	53,438	1/4	63,799	1/4	74,170	1/4	84,542	1/4	94,914
1/2	1,998	1/2	12,398	1/2	22,655	1/2	32,933	1/2	43,299	1/2	53,654	1/2	64,015	1/2	74,387	1/2	84,758	1/2	95,130
3/4	2,214	3/4	12,614	3/4	22,865	3/4	33,149	3/4	43,515	3/4	53,869	3/4	64,231	3/4	74,603	3/4	84,974	3/4	95,346
4	2,431	4	12,831	4	23,076	4	33,365	4	43,731	4	54,085	4	64,447	4	74,819	4	85,191	4	95,562
1/4	2,648	1/4	13,048	1/4	23,286	1/4	33,581	1/4	43,947	1/4	54,300	1/4	64,663	1/4	75,035	1/4	85,407	1/4	95,778
1/2	2,864	1/2	13,264	1/2	23,497	1/2	33,797	1/2	44,163	1/2	54,516	1/2	64,879	1/2	75,251	1/2	85,623	1/2	95,995
3/4	3,081	3/4	13,481	3/4	23,707	3/4	34,013	3/4	44,379	3/4	54,731	3/4	65,095	3/4	75,467	3/4	85,839	3/4	96,211
5	3,298	5	13,698	5	23,918	5	34,229	5	44,595	5	54,947	5	65,311	5	75,683	5	86,055	5	96,427
1/4	3,514	1/4	13,914	1/4	24,128	1/4	34,445	1/4	44,811	1/4	55,162	1/4	65,527	1/4	75,899	1/4	86,271	1/4	96,643
1/2	3,731	1/2	14,131	1/2	24,339	1/2	34,661	1/2	45,027	1/2	55,378	1/2	65,743	1/2	76,115	1/2	86,487	1/2	96,859
3/4	3,948	3/4	14,348	3/4	24,549	3/4	34,877	3/4	45,242	3/4	55,593	3/4	65,959	3/4	76,331	3/4	86,703	3/4	97,075
6	4,164	6	14,564	6	24,760	6	35,093	6	45,458	6	55,809	6	66,176	6	76,547	6	86,919	6	97,291
1/4	4,381	1/4	14,781	1/4	24,970	1/4	35,309	1/4	45,674	1/4	56,024	1/4	66,392	1/4	76,763	1/4	87,135	1/4	97,507
1/2	4,598	1/2	14,998	1/2	25,181	1/2	35,525	1/2	45,890	1/2	56,240	1/2	66,608	1/2	76,980	1/2	87,351	1/2	97,723
3/4	4,814	3/4	15,214	3/4	25,391	3/4	35,741	3/4	46,106	3/4	56,455	3/4	66,824	3/4	77,196	3/4	87,567	3/4	97,939
7	5,031	7	15,431	7	25,602	7	35,957	7	46,322	7	56,670	7	67,040	7	77,412	7	87,784	7	98,155
1/4	5,248	1/4	15,648	1/4	25,815	1/4	36,173	1/4	46,538	1/4	56,886	1/4	67,256	1/4	77,628	1/4	88,000	1/4	98,371
1/2	5,464	1/2	15,864	1/2	26,028	1/2	36,389	1/2	46,754	1/2	57,101	1/2	67,472	1/2	77,844	1/2	88,216	1/2	98,587
3/4	5,681	3/4	16,081	3/4	26,242	3/4	36,605	3/4	46,970	3/4	57,317	3/4	67,688	3/4	78,060	3/4	88,432	3/4	98,804
8	5,898	8	16,298	8	26,455	8	36,820	8	47,186	8	57,532	8	67,904	8	78,276	8	88,648	8	99,020
1/4	6,114	1/4	16,514	1/4	26,671	1/4	37,036	1/4	47,402	1/4	57,748	1/4	68,120	1/4	78,492	1/4	88,864	1/4	99,236
1/2	6,331	1/2	16,731	1/2	26,887	1/2	37,252	1/2	47,618	1/2	57,965	1/2	68,336	1/2	78,708	1/2	89,080	1/2	99,452
3/4	6,548	3/4	16,948	3/4	27,103	3/4	37,468	3/4	47,834	3/4	58,181	3/4	68,552	3/4	78,924	3/4	89,296	3/4	99,668
9	6,764	9	17,164	9	27,319	9	37,684	9	48,050	9	58,397	9	68,768	9	79,140	9	89,512	9	99,884
1/4	6,981	1/4	17,378	1/4	27,535	1/4	37,900	1/4	48,266	1/4	58,613	1/4	68,985	1/4	79,356	1/4	89,728	1/4	100,100
1/2	7,198	1/2	17,592	1/2	27,751	1/2	38,116	1/2	48,482	1/2	58,829	1/2	69,201	1/2	79,572	1/2	89,944	1/2	100,316
3/4	7,414	3/4	17,806	3/4	27,967	3/4	38,332	3/4	48,698	3/4	59,045	3/4	69,417	3/4	79,789	3/4	90,160	3/4	100,532
10	7,631	10	18,020	10	28,183	10	38,548	10	48,914	10	59,261	10	69,633	10	80,005	10	90,376	10	100,748
1/4	7,848	1/4	18,231	1/4	28,399	1/4	38,764	1/4	49,129	1/4	59,477	1/4	69,849	1/4	80,221	1/4	90,593	1/4	100,964
1/2	8,064	1/2	18,442	1/2	28,614	1/2	38,980	1/2	49,345	1/2	59,693	1/2	70,065	1/2	80,437	1/2	90,809	1/2	101,180
3/4	8,281	3/4	18,653	3/4	28,830	3/4	39,196	3/4	49,560	3/4	59,909	3/4	70,281	3/4	80,653	3/4	91,025	3/4	101,397
11	8,498	11	18,864	11	29,046	11	39,412	11	49,775	11	60,125	11	70,497	11	80,869	11	91,241	11	101,613
1/4	8,714	1/4	19,075	1/4	29,262	1/4	39,628	1/4	49,991	1/4	60,341	1/4	70,713	1/4	81,085	1/4	91,457	1/4	101,829
1/2	8,931	1/2	19,286	1/2	29,478	1/2	39,844	1/2	50,206	1/2	60,557	1/2	70,929	1/2	81,301	1/2	91,673	1/2	102,045
3/4	9,148	3/4	19,497	3/4	29,694	3/4	40,060	3/4	50,422	3/4	60,774	3/4	71,145	3/4	81,517	3/4	91,889	3/4	102,261

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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# BARGE "DBL 87"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	102,477	0	111,912	0	120,878	0	129,844	0	139,038	0		0		0		0		0	
1/4	102,693	1/4	112,099	1/4	121,065	1/4	130,031	1/4	139,230	1/4		1/4		1/4		1/4		1/4	
1/2	102,909	1/2	112,285	1/2	121,252	1/2	130,218	1/2	139,423	1/2		1/2		1/2		1/2		1/2	
3/4	103,125	3/4	112,472	3/4	121,438	3/4	130,405	3/4	139,615	3/4		3/4		3/4		3/4		3/4	
1	103,341	1	112,659	1	121,625	1	130,591	1	139,808	1		1		1		1		1	
1/4	103,557	1/4	112,846	1/4	121,812	1/4	130,778	1/4	140,000	1/4		1/4		1/4		1/4		1/4	
1/2	103,773	1/2	113,032	1/2	121,999	1/2	130,965	1/2	140,193	1/2		1/2		1/2		1/2		1/2	
3/4	103,989	3/4	113,219	3/4	122,186	3/4	131,152	3/4	140,385	3/4		3/4		3/4		3/4		3/4	
2	104,206	2	113,406	2	122,372	2	131,339	2	140,578	2		2		2		2		2	
1/4	104,422	1/4	113,593	1/4	122,559	1/4	131,531	1/4	140,770	1/4		1/4		1/4		1/4		1/4	
1/2	104,638	1/2	113,780	1/2	122,746	1/2	131,724	1/2	140,963	1/2		1/2		1/2		1/2		1/2	
3/4	104,854	3/4	113,966	3/4	122,933	3/4	131,916	3/4	141,155	3/4		3/4		3/4		3/4		3/4	
3	105,070	3	114,153	3	123,120	3	132,109	3	141,348	3		3		3		3		3	
1/4	105,286	1/4	114,340	1/4	123,306	1/4	132,301	1/4	141,540	1/4		1/4		1/4		1/4		1/4	
1/2	105,502	1/2	114,527	1/2	123,493	1/2	132,494	1/2	141,732	1/2		1/2		1/2		1/2		1/2	
3/4	105,718	3/4	114,714	3/4	123,680	3/4	132,686	3/4	141,925	3/4		3/4		3/4		3/4		3/4	
4	105,934	4	114,900	4	123,867	4	132,878	4	142,117	4		4		4		4		4	
1/4	106,121	1/4	115,087	1/4	124,054	1/4	133,071	1/4	142,310	1/4		1/4		1/4		1/4		1/4	
1/2	106,308	1/2	115,274	1/2	124,240	1/2	133,263	1/2	142,502	1/2		1/2		1/2		1/2		1/2	
3/4	106,495	3/4	115,461	3/4	124,427	3/4	133,456	3/4	142,695	3/4		3/4		3/4		3/4		3/4	
5	106,681	5	115,648	5	124,614	5	133,648	5	142,887	5		5		5		5		5	
1/4	106,868	1/4	115,834	1/4	124,801	1/4	133,841	1/4	143,080	1/4		1/4		1/4		1/4		1/4	
1/2	107,055	1/2	116,021	1/2	124,988	1/2	134,033	1/2	143,272	1/2		1/2		1/2		1/2		1/2	
3/4	107,242	3/4	116,208	3/4	125,174	3/4	134,226	3/4	143,465	3/4		3/4		3/4		3/4		3/4	
6	107,429	6	116,395	6	125,361	6	134,418	6	143,657	6		6		6		6		6	
1/4	107,615	1/4	116,582	1/4	125,548	1/4	134,611	1/4	143,831	1/4		1/4		1/4		1/4		1/4	
1/2	107,802	1/2	116,768	1/2	125,735	1/2	134,803	1/2	144,004	1/2		1/2		1/2		1/2		1/2	
3/4	107,989	3/4	116,955	3/4	125,922	3/4	134,996	3/4	144,177	3/4		3/4		3/4		3/4		3/4	
7	108,176	7	117,142	7	126,108	7	135,188	7	144,351	7		7		7		7		7	
1/4	108,363	1/4	117,329	1/4	126,295	1/4	135,381	1/4	144,437	1/4		1/4		1/4		1/4		1/4	
1/2	108,549	1/2	117,516	1/2	126,482	1/2	135,573	1/2	144,524	1/2		1/2		1/2		1/2		1/2	
3/4	108,736	3/4	117,702	3/4	126,669	3/4	135,766	3/4	144,611	3/4		3/4		3/4		3/4		3/4	
8	108,923	8	117,889	8	126,855	8	135,958	8	144,697	8		8		8		8		8	
1/4	109,110	1/4	118,076	1/4	127,042	1/4	136,151	1/4	144,719	1/4		1/4		1/4		1/4		1/4	
1/2	109,297	1/2	118,263	1/2	127,229	1/2	136,343	1/2	144,741	1/2		1/2		1/2		1/2		1/2	
3/4	109,483	3/4	118,450	3/4	127,416	3/4	136,536	3/4		3/4		3/4		3/4		3/4		3/4	
9	109,670	9	118,636	9	127,603	9	136,728	9		9		9		9		9		9	
1/4	109,857	1/4	118,823	1/4	127,789	1/4	136,921	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,044	1/2	119,010	1/2	127,976	1/2	137,113	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,231	3/4	119,197	3/4	128,163	3/4	137,305	3/4		3/4		3/4		3/4		3/4		3/4	
10	110,417	10	119,384	10	128,350	10	137,498	10		10		10		10		10		10	
1/4	110,604	1/4	119,570	1/4	128,537	1/4	137,690	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,791	1/2	119,757	1/2	128,723	1/2	137,883	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,978	3/4	119,944	3/4	128,910	3/4	138,075	3/4		3/4		3/4		3/4		3/4		3/4	
11	111,165	11	120,131	11	129,097	11	138,268	11		11		11		11		11		11	
1/4	111,351	1/4	120,318	1/4	129,284	1/4	138,460	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,538	1/2	120,504	1/2	129,471	1/2	138,653	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,725	3/4	120,691	3/4	129,657	3/4	138,845	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/03/2010 CL - SW  
CALCULATED: 05/03/2010 CL  
PRINTED: 05/03/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2010

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



# BARGE "DBL 87"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	47	0	10,453	0	21,998	0	33,399	0	45,016	0	56,632	0	68,249	0	79,866	0	91,482	0	103,099
1/4	95	1/4	10,695	1/4	22,233	1/4	33,641	1/4	45,258	1/4	56,874	1/4	68,491	1/4	80,108	1/4	91,724	1/4	103,341
1/2	144	1/2	10,937	1/2	22,467	1/2	33,883	1/2	45,500	1/2	57,116	1/2	68,733	1/2	80,350	1/2	91,966	1/2	103,583
3/4	192	3/4	11,179	3/4	22,702	3/4	34,125	3/4	45,742	3/4	57,358	3/4	68,975	3/4	80,592	3/4	92,208	3/4	103,825
1	240	1	11,421	1	22,937	1	34,367	1	45,984	1	57,600	1	69,217	1	80,834	1	92,450	1	104,067
1/4	386	1/4	11,663	1/4	23,172	1/4	34,609	1/4	46,226	1/4	57,842	1/4	69,459	1/4	81,076	1/4	92,692	1/4	104,309
1/2	531	1/2	11,905	1/2	23,407	1/2	34,851	1/2	46,468	1/2	58,084	1/2	69,701	1/2	81,318	1/2	92,934	1/2	104,551
3/4	676	3/4	12,147	3/4	23,642	3/4	35,093	3/4	46,710	3/4	58,326	3/4	69,943	3/4	81,560	3/4	93,176	3/4	104,793
2	821	2	12,389	2	23,876	2	35,335	2	46,952	2	58,568	2	70,185	2	81,802	2	93,418	2	105,035
1/4	1,051	1/4	12,631	1/4	24,111	1/4	35,577	1/4	47,194	1/4	58,810	1/4	70,427	1/4	82,044	1/4	93,660	1/4	105,277
1/2	1,281	1/2	12,873	1/2	24,346	1/2	35,819	1/2	47,436	1/2	59,052	1/2	70,669	1/2	82,286	1/2	93,902	1/2	105,519
3/4	1,511	3/4	13,115	3/4	24,581	3/4	36,061	3/4	47,678	3/4	59,295	3/4	70,911	3/4	82,528	3/4	94,144	3/4	105,761
3	1,741	3	13,357	3	24,816	3	36,303	3	47,920	3	59,537	3	71,153	3	82,770	3	94,386	3	106,003
1/4	1,983	1/4	13,599	1/4	25,050	1/4	36,545	1/4	48,162	1/4	59,779	1/4	71,395	1/4	83,012	1/4	94,628	1/4	106,245
1/2	2,225	1/2	13,841	1/2	25,285	1/2	36,787	1/2	48,404	1/2	60,021	1/2	71,637	1/2	83,254	1/2	94,870	1/2	106,487
3/4	2,467	3/4	14,083	3/4	25,520	3/4	37,029	3/4	48,646	3/4	60,263	3/4	71,879	3/4	83,496	3/4	95,112	3/4	106,729
4	2,709	4	14,325	4	25,755	4	37,271	4	48,888	4	60,505	4	72,121	4	83,738	4	95,354	4	106,971
1/4	2,951	1/4	14,567	1/4	25,990	1/4	37,513	1/4	49,130	1/4	60,747	1/4	72,363	1/4	83,980	1/4	95,596	1/4	107,213
1/2	3,193	1/2	14,809	1/2	26,225	1/2	37,755	1/2	49,372	1/2	60,989	1/2	72,605	1/2	84,222	1/2	95,838	1/2	107,455
3/4	3,435	3/4	15,051	3/4	26,459	3/4	37,997	3/4	49,614	3/4	61,231	3/4	72,847	3/4	84,464	3/4	96,080	3/4	107,697
5	3,677	5	15,293	5	26,694	5	38,239	5	49,856	5	61,473	5	73,089	5	84,706	5	96,322	5	107,939
1/4	3,919	1/4	15,535	1/4	26,929	1/4	38,481	1/4	50,098	1/4	61,715	1/4	73,331	1/4	84,948	1/4	96,565	1/4	108,181
1/2	4,161	1/2	15,777	1/2	27,164	1/2	38,723	1/2	50,340	1/2	61,957	1/2	73,573	1/2	85,190	1/2	96,807	1/2	108,423
3/4	4,403	3/4	16,019	3/4	27,399	3/4	38,965	3/4	50,582	3/4	62,199	3/4	73,815	3/4	85,432	3/4	97,049	3/4	108,665
6	4,645	6	16,261	6	27,633	6	39,207	6	50,824	6	62,441	6	74,057	6	85,674	6	97,291	6	108,907
1/4	4,887	1/4	16,503	1/4	27,868	1/4	39,449	1/4	51,066	1/4	62,683	1/4	74,299	1/4	85,916	1/4	97,533	1/4	109,149
1/2	5,129	1/2	16,745	1/2	28,103	1/2	39,691	1/2	51,308	1/2	62,925	1/2	74,541	1/2	86,158	1/2	97,775	1/2	109,391
3/4	5,371	3/4	16,987	3/4	28,338	3/4	39,933	3/4	51,550	3/4	63,167	3/4	74,783	3/4	86,400	3/4	98,017	3/4	109,633
7	5,613	7	17,229	7	28,573	7	40,175	7	51,792	7	63,409	7	75,025	7	86,642	7	98,259	7	109,875
1/4	5,855	1/4	17,471	1/4	28,811	1/4	40,417	1/4	52,034	1/4	63,651	1/4	75,267	1/4	86,884	1/4	98,501	1/4	110,117
1/2	6,097	1/2	17,713	1/2	29,050	1/2	40,660	1/2	52,276	1/2	63,893	1/2	75,509	1/2	87,126	1/2	98,743	1/2	110,359
3/4	6,339	3/4	17,955	3/4	29,288	3/4	40,902	3/4	52,518	3/4	64,135	3/4	75,751	3/4	87,368	3/4	98,985	3/4	110,601
8	6,581	8	18,197	8	29,527	8	41,144	8	52,760	8	64,377	8	75,993	8	87,610	8	99,227	8	110,843
1/4	6,823	1/4	18,439	1/4	29,769	1/4	41,386	1/4	53,002	1/4	64,619	1/4	76,235	1/4	87,852	1/4	99,469	1/4	111,085
1/2	7,065	1/2	18,681	1/2	30,011	1/2	41,628	1/2	53,244	1/2	64,861	1/2	76,477	1/2	88,094	1/2	99,711	1/2	111,327
3/4	7,307	3/4	18,923	3/4	30,253	3/4	41,870	3/4	53,486	3/4	65,103	3/4	76,719	3/4	88,336	3/4	99,953	3/4	111,569
9	7,549	9	19,165	9	30,495	9	42,112	9	53,728	9	65,345	9	76,961	9	88,578	9	100,195	9	111,811
1/4	7,791	1/4	19,404	1/4	30,737	1/4	42,354	1/4	53,970	1/4	65,587	1/4	77,203	1/4	88,820	1/4	100,437	1/4	112,053
1/2	8,033	1/2	19,642	1/2	30,979	1/2	42,596	1/2	54,212	1/2	65,829	1/2	77,445	1/2	89,062	1/2	100,679	1/2	112,295
3/4	8,275	3/4	19,880	3/4	31,221	3/4	42,838	3/4	54,454	3/4	66,071	3/4	77,687	3/4	89,304	3/4	100,921	3/4	112,537
10	8,517	10	20,119	10	31,463	10	43,080	10	54,696	10	66,313	10	77,930	10	89,546	10	101,163	10	112,779
1/4	8,759	1/4	20,354	1/4	31,705	1/4	43,322	1/4	54,938	1/4	66,555	1/4	78,172	1/4	89,788	1/4	101,405	1/4	113,021
1/2	9,001	1/2	20,589	1/2	31,947	1/2	43,564	1/2	55,180	1/2	66,797	1/2	78,414	1/2	90,030	1/2	101,647	1/2	113,263
3/4	9,243	3/4	20,824	3/4	32,189	3/4	43,806	3/4	55,422	3/4	67,039	3/4	78,656	3/4	90,272	3/4	101,889	3/4	113,505
11	9,485	11	21,058	11	32,431	11	44,048	11	55,664	11	67,281	11	78,898	11	90,514	11	102,131	11	113,747
1/4	9,727	1/4	21,293	1/4	32,673	1/4	44,290	1/4	55,906	1/4	67,523	1/4	79,140	1/4	90,756	1/4	102,373	1/4	113,989
1/2	9,969	1/2	21,528	1/2	32,915	1/2	44,532	1/2	56,148	1/2	67,765	1/2	79,382	1/2	90,998	1/2	102,615	1/2	114,231
3/4	10,211	3/4	21,763	3/4	33,157	3/4	44,774	3/4	56,390	3/4	68,007	3/4	79,624	3/4	91,240	3/4	102,857	3/4	114,473

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'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "DBL 87"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	114,715	0	126,332	0	137,949	0	149,565	0	161,182	0		0		0		0		0	
1/4	114,957	1/4	126,574	1/4	138,191	1/4	149,807	1/4	161,424	1/4		1/4		1/4		1/4		1/4	
1/2	115,200	1/2	126,816	1/2	138,433	1/2	150,049	1/2	161,666	1/2		1/2		1/2		1/2		1/2	
3/4	115,442	3/4	127,058	3/4	138,675	3/4	150,291	3/4	161,908	3/4		3/4		3/4		3/4		3/4	
1	115,684	1	127,300	1	138,917	1	150,533	1	162,150	1		1		1		1		1	
1/4	115,926	1/4	127,542	1/4	139,159	1/4	150,775	1/4	162,392	1/4		1/4		1/4		1/4		1/4	
1/2	116,168	1/2	127,784	1/2	139,401	1/2	151,017	1/2	162,634	1/2		1/2		1/2		1/2		1/2	
3/4	116,410	3/4	128,026	3/4	139,643	3/4	151,259	3/4	162,876	3/4		3/4		3/4		3/4		3/4	
2	116,652	2	128,268	2	139,885	2	151,501	2	163,118	2		2		2		2		2	
1/4	116,894	1/4	128,510	1/4	140,127	1/4	151,743	1/4	163,360	1/4		1/4		1/4		1/4		1/4	
1/2	117,136	1/2	128,752	1/2	140,369	1/2	151,985	1/2	163,602	1/2		1/2		1/2		1/2		1/2	
3/4	117,378	3/4	128,994	3/4	140,611	3/4	152,228	3/4	163,844	3/4		3/4		3/4		3/4		3/4	
3	117,620	3	129,236	3	140,853	3	152,470	3	164,086	3		3		3		3		3	
1/4	117,862	1/4	129,478	1/4	141,095	1/4	152,712	1/4	164,328	1/4		1/4		1/4		1/4		1/4	
1/2	118,104	1/2	129,720	1/2	141,337	1/2	152,954	1/2	164,570	1/2		1/2		1/2		1/2		1/2	
3/4	118,346	3/4	129,962	3/4	141,579	3/4	153,196	3/4	164,812	3/4		3/4		3/4		3/4		3/4	
4	118,588	4	130,204	4	141,821	4	153,438	4	165,054	4		4		4		4		4	
1/4	118,830	1/4	130,446	1/4	142,063	1/4	153,680	1/4	165,296	1/4		1/4		1/4		1/4		1/4	
1/2	119,072	1/2	130,688	1/2	142,305	1/2	153,922	1/2	165,538	1/2		1/2		1/2		1/2		1/2	
3/4	119,314	3/4	130,930	3/4	142,547	3/4	154,164	3/4	165,780	3/4		3/4		3/4		3/4		3/4	
5	119,556	5	131,172	5	142,789	5	154,406	5	166,022	5		5		5		5		5	
1/4	119,798	1/4	131,414	1/4	143,031	1/4	154,648	1/4	166,264	1/4		1/4		1/4		1/4		1/4	
1/2	120,040	1/2	131,656	1/2	143,273	1/2	154,890	1/2	166,506	1/2		1/2		1/2		1/2		1/2	
3/4	120,282	3/4	131,898	3/4	143,515	3/4	155,132	3/4	166,748	3/4		3/4		3/4		3/4		3/4	
6	120,524	6	132,140	6	143,757	6	155,374	6	166,990	6		6		6		6		6	
1/4	120,766	1/4	132,382	1/4	143,999	1/4	155,616	1/4	167,184	1/4		1/4		1/4		1/4		1/4	
1/2	121,008	1/2	132,624	1/2	144,241	1/2	155,858	1/2	167,378	1/2		1/2		1/2		1/2		1/2	
3/4	121,250	3/4	132,866	3/4	144,483	3/4	156,100	3/4	167,571	3/4		3/4		3/4		3/4		3/4	
7	121,492	7	133,108	7	144,725	7	156,342	7	167,765	7		7		7		7		7	
1/4	121,734	1/4	133,350	1/4	144,967	1/4	156,584	1/4	167,862	1/4		1/4		1/4		1/4		1/4	
1/2	121,976	1/2	133,592	1/2	145,209	1/2	156,826	1/2	167,958	1/2		1/2		1/2		1/2		1/2	
3/4	122,218	3/4	133,835	3/4	145,451	3/4	157,068	3/4	168,055	3/4		3/4		3/4		3/4		3/4	
8	122,460	8	134,077	8	145,693	8	157,310	8	168,152	8		8		8		8		8	
1/4	122,702	1/4	134,319	1/4	145,935	1/4	157,552	1/4	168,176	1/4		1/4		1/4		1/4		1/4	
1/2	122,944	1/2	134,561	1/2	146,177	1/2	157,794	1/2	168,200	1/2		1/2		1/2		1/2		1/2	
3/4	123,186	3/4	134,803	3/4	146,419	3/4	158,036	3/4		3/4		3/4		3/4		3/4		3/4	
9	123,428	9	135,045	9	146,661	9	158,278	9		9		9		9		9		9	
1/4	123,670	1/4	135,287	1/4	146,903	1/4	158,520	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,912	1/2	135,529	1/2	147,145	1/2	158,762	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,154	3/4	135,771	3/4	147,387	3/4	159,004	3/4		3/4		3/4		3/4		3/4		3/4	
10	124,396	10	136,013	10	147,629	10	159,246	10		10		10		10		10		10	
1/4	124,638	1/4	136,255	1/4	147,871	1/4	159,488	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,880	1/2	136,497	1/2	148,113	1/2	159,730	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,122	3/4	136,739	3/4	148,355	3/4	159,972	3/4		3/4		3/4		3/4		3/4		3/4	
11	125,364	11	136,981	11	148,597	11	160,214	11		11		11		11		11		11	
1/4	125,606	1/4	137,223	1/4	148,839	1/4	160,456	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,848	1/2	137,465	1/2	149,081	1/2	160,698	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,090	3/4	137,707	3/4	149,323	3/4	160,940	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 05/03/2010 CL - SW  
CALCULATED: 05/03/2010 CL  
PRINTED: 05/03/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "DBL 87"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	46	0	9,256	0	19,532	0	29,800	0	40,081	0	50,362	0	60,643	0	70,925	0	81,206	0	91,487
1/4	89	1/4	9,470	1/4	19,746	1/4	30,014	1/4	40,295	1/4	50,576	1/4	60,858	1/4	71,139	1/4	81,420	1/4	91,701
1/2	132	1/2	9,684	1/2	19,960	1/2	30,228	1/2	40,509	1/2	50,791	1/2	61,072	1/2	71,353	1/2	81,634	1/2	91,916
3/4	175	3/4	9,898	3/4	20,174	3/4	30,442	3/4	40,724	3/4	51,005	3/4	61,286	3/4	71,567	3/4	81,848	3/4	92,130
1	217	1	10,113	1	20,387	1	30,657	1	40,938	1	51,219	1	61,500	1	71,781	1	82,063	1	92,344
1/4	346	1/4	10,327	1/4	20,601	1/4	30,871	1/4	41,152	1/4	51,433	1/4	61,714	1/4	71,996	1/4	82,277	1/4	92,558
1/2	474	1/2	10,541	1/2	20,815	1/2	31,085	1/2	41,366	1/2	51,647	1/2	61,929	1/2	72,210	1/2	82,491	1/2	92,772
3/4	603	3/4	10,755	3/4	21,028	3/4	31,299	3/4	41,580	3/4	51,862	3/4	62,143	3/4	72,424	3/4	82,705	3/4	92,986
2	731	2	10,969	2	21,242	2	31,513	2	41,795	2	52,076	2	62,357	2	72,638	2	82,919	2	93,201
1/4	935	1/4	11,184	1/4	21,456	1/4	31,728	1/4	42,009	1/4	52,290	1/4	62,571	1/4	72,852	1/4	83,134	1/4	93,415
1/2	1,138	1/2	11,398	1/2	21,670	1/2	31,942	1/2	42,223	1/2	52,504	1/2	62,785	1/2	73,067	1/2	83,348	1/2	93,629
3/4	1,342	3/4	11,612	3/4	21,883	3/4	32,156	3/4	42,437	3/4	52,718	3/4	63,000	3/4	73,281	3/4	83,562	3/4	93,843
3	1,545	3	11,826	3	22,097	3	32,370	3	42,651	3	52,933	3	63,214	3	73,495	3	83,776	3	94,057
1/4	1,759	1/4	12,040	1/4	22,311	1/4	32,584	1/4	42,866	1/4	53,147	1/4	63,428	1/4	73,709	1/4	83,990	1/4	94,272
1/2	1,974	1/2	12,254	1/2	22,524	1/2	32,799	1/2	43,080	1/2	53,361	1/2	63,642	1/2	73,923	1/2	84,205	1/2	94,486
3/4	2,188	3/4	12,469	3/4	22,738	3/4	33,013	3/4	43,294	3/4	53,575	3/4	63,856	3/4	74,138	3/4	84,419	3/4	94,700
4	2,402	4	12,683	4	22,952	4	33,227	4	43,508	4	53,789	4	64,071	4	74,352	4	84,633	4	94,914
1/4	2,616	1/4	12,897	1/4	23,166	1/4	33,441	1/4	43,722	1/4	54,004	1/4	64,285	1/4	74,566	1/4	84,847	1/4	95,128
1/2	2,830	1/2	13,111	1/2	23,379	1/2	33,655	1/2	43,937	1/2	54,218	1/2	64,499	1/2	74,780	1/2	85,061	1/2	95,343
3/4	3,045	3/4	13,325	3/4	23,593	3/4	33,870	3/4	44,151	3/4	54,432	3/4	64,713	3/4	74,994	3/4	85,276	3/4	95,557
5	3,259	5	13,540	5	23,807	5	34,084	5	44,365	5	54,646	5	64,927	5	75,209	5	85,490	5	95,771
1/4	3,473	1/4	13,754	1/4	24,020	1/4	34,298	1/4	44,579	1/4	54,860	1/4	65,142	1/4	75,423	1/4	85,704	1/4	95,985
1/2	3,687	1/2	13,968	1/2	24,234	1/2	34,512	1/2	44,793	1/2	55,075	1/2	65,356	1/2	75,637	1/2	85,918	1/2	96,199
3/4	3,901	3/4	14,182	3/4	24,448	3/4	34,726	3/4	45,007	3/4	55,289	3/4	65,570	3/4	75,851	3/4	86,132	3/4	96,414
6	4,115	6	14,396	6	24,662	6	34,940	6	45,222	6	55,503	6	65,784	6	76,065	6	86,347	6	96,628
1/4	4,330	1/4	14,610	1/4	24,875	1/4	35,155	1/4	45,436	1/4	55,717	1/4	65,998	1/4	76,280	1/4	86,561	1/4	96,842
1/2	4,544	1/2	14,825	1/2	25,089	1/2	35,369	1/2	45,650	1/2	55,931	1/2	66,212	1/2	76,494	1/2	86,775	1/2	97,056
3/4	4,758	3/4	15,039	3/4	25,303	3/4	35,583	3/4	45,864	3/4	56,145	3/4	66,427	3/4	76,708	3/4	86,989	3/4	97,270
7	4,972	7	15,253	7	25,517	7	35,797	7	46,078	7	56,360	7	66,641	7	76,922	7	87,203	7	97,485
1/4	5,186	1/4	15,467	1/4	25,731	1/4	36,011	1/4	46,293	1/4	56,574	1/4	66,855	1/4	77,136	1/4	87,417	1/4	97,699
1/2	5,401	1/2	15,681	1/2	25,945	1/2	36,226	1/2	46,507	1/2	56,788	1/2	67,069	1/2	77,350	1/2	87,632	1/2	97,913
3/4	5,615	3/4	15,896	3/4	26,159	3/4	36,440	3/4	46,721	3/4	57,002	3/4	67,283	3/4	77,565	3/4	87,846	3/4	98,127
8	5,829	8	16,110	8	26,373	8	36,654	8	46,935	8	57,216	8	67,498	8	77,779	8	88,060	8	98,341
1/4	6,043	1/4	16,324	1/4	26,587	1/4	36,868	1/4	47,149	1/4	57,431	1/4	67,712	1/4	77,993	1/4	88,274	1/4	98,555
1/2	6,257	1/2	16,538	1/2	26,801	1/2	37,082	1/2	47,364	1/2	57,645	1/2	67,926	1/2	78,207	1/2	88,488	1/2	98,770
3/4	6,471	3/4	16,752	3/4	27,015	3/4	37,297	3/4	47,578	3/4	57,859	3/4	68,140	3/4	78,421	3/4	88,703	3/4	98,984
9	6,686	9	16,966	9	27,230	9	37,511	9	47,792	9	58,073	9	68,354	9	78,636	9	88,917	9	99,198
1/4	6,900	1/4	17,180	1/4	27,444	1/4	37,725	1/4	48,006	1/4	58,287	1/4	68,569	1/4	78,850	1/4	89,131	1/4	99,412
1/2	7,114	1/2	17,394	1/2	27,658	1/2	37,939	1/2	48,220	1/2	58,502	1/2	68,783	1/2	79,064	1/2	89,345	1/2	99,626
3/4	7,328	3/4	17,608	3/4	27,872	3/4	38,153	3/4	48,435	3/4	58,716	3/4	68,997	3/4	79,278	3/4	89,559	3/4	99,841
10	7,542	10	17,822	10	28,086	10	38,368	10	48,649	10	58,930	10	69,211	10	79,492	10	89,774	10	100,055
1/4	7,757	1/4	18,036	1/4	28,301	1/4	38,582	1/4	48,863	1/4	59,144	1/4	69,425	1/4	79,707	1/4	89,988	1/4	100,269
1/2	7,971	1/2	18,250	1/2	28,515	1/2	38,796	1/2	49,077	1/2	59,358	1/2	69,640	1/2	79,921	1/2	90,202	1/2	100,483
3/4	8,185	3/4	18,464	3/4	28,729	3/4	39,010	3/4	49,291	3/4	59,573	3/4	69,854	3/4	80,135	3/4	90,416	3/4	100,697
11	8,399	11	18,678	11	28,943	11	39,224	11	49,506	11	59,787	11	70,068	11	80,349	11	90,630	11	100,912
1/4	8,613	1/4	18,891	1/4	29,157	1/4	39,438	1/4	49,720	1/4	60,001	1/4	70,282	1/4	80,563	1/4	90,845	1/4	101,126
1/2	8,827	1/2	19,105	1/2	29,371	1/2	39,653	1/2	49,934	1/2	60,215	1/2	70,496	1/2	80,778	1/2	91,059	1/2	101,340
3/4	9,042	3/4	19,319	3/4	29,586	3/4	39,867	3/4	50,148	3/4	60,429	3/4	70,711	3/4	80,992	3/4	91,273	3/4	101,554

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'-03" FORWARD OF AFT BULKHEAD.

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



# BARGE "DBL 87"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 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	101,768	0	112,050	0	122,331	0	132,612	0	142,893	0		0		0		0		0	
1/4	101,983	1/4	112,264	1/4	122,545	1/4	132,826	1/4	143,107	1/4		1/4		1/4		1/4		1/4	
1/2	102,197	1/2	112,478	1/2	122,759	1/2	133,040	1/2	143,322	1/2		1/2		1/2		1/2		1/2	
3/4	102,411	3/4	112,692	3/4	122,973	3/4	133,255	3/4	143,536	3/4		3/4		3/4		3/4		3/4	
1	102,625	1	112,906	1	123,188	1	133,469	1	143,750	1		1		1		1		1	
1/4	102,839	1/4	113,121	1/4	123,402	1/4	133,683	1/4	143,964	1/4		1/4		1/4		1/4		1/4	
1/2	103,053	1/2	113,335	1/2	123,616	1/2	133,897	1/2	144,178	1/2		1/2		1/2		1/2		1/2	
3/4	103,268	3/4	113,549	3/4	123,830	3/4	134,111	3/4	144,393	3/4		3/4		3/4		3/4		3/4	
2	103,482	2	113,763	2	124,044	2	134,326	2	144,607	2		2		2		2		2	
1/4	103,696	1/4	113,977	1/4	124,258	1/4	134,540	1/4	144,821	1/4		1/4		1/4		1/4		1/4	
1/2	103,910	1/2	114,191	1/2	124,473	1/2	134,754	1/2	145,035	1/2		1/2		1/2		1/2		1/2	
3/4	104,124	3/4	114,406	3/4	124,687	3/4	134,968	3/4	145,249	3/4		3/4		3/4		3/4		3/4	
3	104,339	3	114,620	3	124,901	3	135,182	3	145,463	3		3		3		3		3	
1/4	104,553	1/4	114,834	1/4	125,115	1/4	135,396	1/4	145,678	1/4		1/4		1/4		1/4		1/4	
1/2	104,767	1/2	115,048	1/2	125,329	1/2	135,611	1/2	145,892	1/2		1/2		1/2		1/2		1/2	
3/4	104,981	3/4	115,262	3/4	125,544	3/4	135,825	3/4	146,106	3/4		3/4		3/4		3/4		3/4	
4	105,195	4	115,477	4	125,758	4	136,039	4	146,320	4		4		4		4		4	
1/4	105,410	1/4	115,691	1/4	125,972	1/4	136,253	1/4	146,534	1/4		1/4		1/4		1/4		1/4	
1/2	105,624	1/2	115,905	1/2	126,186	1/2	136,467	1/2	146,749	1/2		1/2		1/2		1/2		1/2	
3/4	105,838	3/4	116,119	3/4	126,400	3/4	136,682	3/4	146,963	3/4		3/4		3/4		3/4		3/4	
5	106,052	5	116,333	5	126,615	5	136,896	5	147,177	5		5		5		5		5	
1/4	106,266	1/4	116,548	1/4	126,829	1/4	137,110	1/4	147,391	1/4		1/4		1/4		1/4		1/4	
1/2	106,481	1/2	116,762	1/2	127,043	1/2	137,324	1/2	147,605	1/2		1/2		1/2		1/2		1/2	
3/4	106,695	3/4	116,976	3/4	127,257	3/4	137,538	3/4	147,820	3/4		3/4		3/4		3/4		3/4	
6	106,909	6	117,190	6	127,471	6	137,753	6	148,034	6		6		6		6		6	
1/4	107,123	1/4	117,404	1/4	127,686	1/4	137,967	1/4	148,205	1/4		1/4		1/4		1/4		1/4	
1/2	107,337	1/2	117,619	1/2	127,900	1/2	138,181	1/2	148,377	1/2		1/2		1/2		1/2		1/2	
3/4	107,552	3/4	117,833	3/4	128,114	3/4	138,395	3/4	148,548	3/4		3/4		3/4		3/4		3/4	
7	107,766	7	118,047	7	128,328	7	138,609	7	148,719	7		7		7		7		7	
1/4	107,980	1/4	118,261	1/4	128,542	1/4	138,824	1/4	148,805	1/4		1/4		1/4		1/4		1/4	
1/2	108,194	1/2	118,475	1/2	128,757	1/2	139,038	1/2	148,891	1/2		1/2		1/2		1/2		1/2	
3/4	108,408	3/4	118,690	3/4	128,971	3/4	139,252	3/4	148,976	3/4		3/4		3/4		3/4		3/4	
8	108,622	8	118,904	8	129,185	8	139,466	8	149,062	8		8		8		8		8	
1/4	108,837	1/4	119,118	1/4	129,399	1/4	139,680	1/4	149,083	1/4		1/4		1/4		1/4		1/4	
1/2	109,051	1/2	119,332	1/2	129,613	1/2	139,895	1/2	149,105	1/2		1/2		1/2		1/2		1/2	
3/4	109,265	3/4	119,546	3/4	129,827	3/4	140,109	3/4		3/4		3/4		3/4		3/4		3/4	
9	109,479	9	119,760	9	130,042	9	140,323	9		9		9		9		9		9	
1/4	109,693	1/4	119,975	1/4	130,256	1/4	140,537	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,908	1/2	120,189	1/2	130,470	1/2	140,751	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,122	3/4	120,403	3/4	130,684	3/4	140,965	3/4		3/4		3/4		3/4		3/4		3/4	
10	110,336	10	120,617	10	130,898	10	141,180	10		10		10		10		10		10	
1/4	110,550	1/4	120,831	1/4	131,113	1/4	141,394	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,764	1/2	121,046	1/2	131,327	1/2	141,608	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,979	3/4	121,260	3/4	131,541	3/4	141,822	3/4		3/4		3/4		3/4		3/4		3/4	
11	111,193	11	121,474	11	131,755	11	142,036	11		11		11		11		11		11	
1/4	111,407	1/4	121,688	1/4	131,969	1/4	142,251	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,621	1/2	121,902	1/2	132,184	1/2	142,465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,835	3/4	122,117	3/4	132,398	3/4	142,679	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/03/2010 CL - SW  
CALCULATED: 05/03/2010 CL  
PRINTED: 05/03/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2010

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "DBL 87"

## SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 5'-03 1/2"

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	7	1/4	358	1/4	709	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	15	1/2	365	1/2	716	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	372	3/4	723	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	29	1	380	1	730	1		1		1		1		1		1		1	
1/4	36	1/4	387	1/4	738	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	394	1/2	745	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	51	3/4	402	3/4	752	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	58	2	409	2	759	2		2		2		2		2		2		2	
1/4	65	1/4	416	1/4	767	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	423	1/2	774	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	80	3/4	431	3/4	781	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	87	3	438	3	788	3		3		3		3		3		3		3	
1/4	94	1/4	445	1/4	796	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	102	1/2	452	1/2	803	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109	3/4	460	3/4	810	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	116	4	467	4	817	4		4		4		4		4		4		4	
1/4	123	1/4	474	1/4	825	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	481	1/2	832	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	138	3/4	489	3/4	839	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	145	5	496	5	846	5		5		5		5		5		5		5	
1/4	152	1/4	503	1/4	854	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160	1/2	511	1/2	861	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167	3/4	518	3/4	869	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	175	6	525	6	876	6		6		6		6		6		6		6	
1/4	182	1/4	533	1/4	883	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	189	1/2	540	1/2	891	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	197	3/4	547	3/4	898	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	204	7	555	7	905	7		7		7		7		7		7		7	
1/4	211	1/4	562	1/4	912	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	219	1/2	569	1/2	920	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	226	3/4	577	3/4	927	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	233	8	584	8	934	8		8		8		8		8		8		8	
1/4	241	1/4	591	1/4	941	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	248	1/2	599	1/2	949	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	255	3/4	606	3/4	956	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	263	9	613	9	963	9		9		9		9		9		9		9	
1/4	270	1/4	621	1/4	971	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	277	1/2	628	1/2	978	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	285	3/4	635	3/4	985	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	292	10	643	10	992	10		10		10		10		10		10		10	
1/4	299	1/4	650	1/4	1,000	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	307	1/2	657	1/2	1,007	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	314	3/4	665	3/4	1,014	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	321	11	672	11	1,021	11		11		11		11		11		11		11	
1/4	329	1/4	679	1/4	1,029	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	336	1/2	687	1/2	1,036	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	343	3/4	694	3/4		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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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