



BARGE "DBL 86"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>										
1 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
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
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: 161'-02"

April 7, 2010

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE 'DBL 86''

1 CENT. INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 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	48	0	9,368	0	19,716	0	29,922	0	40,292	0	50,658	0	61,014	0	71,390	0	81,766	0	92,142
1/4	91	1/4	9,585	1/4	19,926	1/4	30,138	1/4	40,508	1/4	50,873	1/4	61,230	1/4	71,606	1/4	81,982	1/4	92,358
1/2	134	1/2	9,801	1/2	20,137	1/2	30,354	1/2	40,724	1/2	51,089	1/2	61,446	1/2	71,822	1/2	82,198	1/2	92,574
3/4	178	3/4	10,018	3/4	20,348	3/4	30,570	3/4	40,940	3/4	51,304	3/4	61,663	3/4	72,039	3/4	82,415	3/4	92,791
1	221	1	10,235	1	20,558	1	30,786	1	41,156	1	51,520	1	61,879	1	72,255	1	82,631	1	93,007
1/4	351	1/4	10,452	1/4	20,769	1/4	31,002	1/4	41,372	1/4	51,735	1/4	62,095	1/4	72,471	1/4	82,847	1/4	93,223
1/2	481	1/2	10,668	1/2	20,979	1/2	31,218	1/2	41,588	1/2	51,951	1/2	62,311	1/2	72,687	1/2	83,063	1/2	93,439
3/4	611	3/4	10,885	3/4	21,190	3/4	31,434	3/4	41,804	3/4	52,167	3/4	62,527	3/4	72,903	3/4	83,279	3/4	93,655
2	741	2	11,102	2	21,400	2	31,650	2	42,020	2	52,382	2	62,743	2	73,119	2	83,495	2	93,871
1/4	947	1/4	11,319	1/4	21,611	1/4	31,866	1/4	42,236	1/4	52,598	1/4	62,960	1/4	73,336	1/4	83,712	1/4	94,088
1/2	1,153	1/2	11,535	1/2	21,822	1/2	32,083	1/2	42,452	1/2	52,813	1/2	63,176	1/2	73,552	1/2	83,928	1/2	94,304
3/4	1,359	3/4	11,752	3/4	22,032	3/4	32,299	3/4	42,668	3/4	53,029	3/4	63,392	3/4	73,768	3/4	84,144	3/4	94,520
3	1,565	3	11,969	3	22,243	3	32,515	3	42,884	3	53,244	3	63,608	3	73,984	3	84,360	3	94,736
1/4	1,782	1/4	12,186	1/4	22,453	1/4	32,731	1/4	43,100	1/4	53,460	1/4	63,824	1/4	74,200	1/4	84,576	1/4	94,952
1/2	1,998	1/2	12,402	1/2	22,664	1/2	32,947	1/2	43,316	1/2	53,675	1/2	64,040	1/2	74,416	1/2	84,792	1/2	95,168
3/4	2,215	3/4	12,619	3/4	22,874	3/4	33,163	3/4	43,532	3/4	53,891	3/4	64,257	3/4	74,633	3/4	85,009	3/4	95,385
4	2,432	4	12,836	4	23,085	4	33,379	4	43,748	4	54,107	4	64,473	4	74,849	4	85,225	4	95,601
1/4	2,649	1/4	13,053	1/4	23,296	1/4	33,595	1/4	43,964	1/4	54,322	1/4	64,689	1/4	75,065	1/4	85,441	1/4	95,817
1/2	2,865	1/2	13,270	1/2	23,506	1/2	33,811	1/2	44,180	1/2	54,538	1/2	64,905	1/2	75,281	1/2	85,657	1/2	96,033
3/4	3,082	3/4	13,486	3/4	23,717	3/4	34,027	3/4	44,397	3/4	54,753	3/4	65,121	3/4	75,497	3/4	85,873	3/4	96,249
5	3,299	5	13,703	5	23,927	5	34,243	5	44,613	5	54,969	5	65,337	5	75,713	5	86,089	5	96,465
1/4	3,516	1/4	13,920	1/4	24,138	1/4	34,459	1/4	44,829	1/4	55,184	1/4	65,554	1/4	75,930	1/4	86,306	1/4	96,682
1/2	3,732	1/2	14,137	1/2	24,348	1/2	34,675	1/2	45,045	1/2	55,400	1/2	65,770	1/2	76,146	1/2	86,522	1/2	96,898
3/4	3,949	3/4	14,353	3/4	24,559	3/4	34,891	3/4	45,261	3/4	55,615	3/4	65,986	3/4	76,362	3/4	86,738	3/4	97,114
6	4,166	6	14,570	6	24,770	6	35,107	6	45,477	6	55,831	6	66,202	6	76,578	6	86,954	6	97,330
1/4	4,383	1/4	14,787	1/4	24,980	1/4	35,323	1/4	45,693	1/4	56,047	1/4	66,418	1/4	76,794	1/4	87,170	1/4	97,546
1/2	4,599	1/2	15,004	1/2	25,191	1/2	35,539	1/2	45,909	1/2	56,262	1/2	66,634	1/2	77,010	1/2	87,386	1/2	97,762
3/4	4,816	3/4	15,220	3/4	25,401	3/4	35,755	3/4	46,125	3/4	56,478	3/4	66,851	3/4	77,227	3/4	87,603	3/4	97,979
7	5,033	7	15,437	7	25,612	7	35,971	7	46,341	7	56,693	7	67,067	7	77,443	7	87,819	7	98,195
1/4	5,250	1/4	15,654	1/4	25,825	1/4	36,187	1/4	46,557	1/4	56,909	1/4	67,283	1/4	77,659	1/4	88,035	1/4	98,411
1/2	5,466	1/2	15,871	1/2	26,039	1/2	36,403	1/2	46,773	1/2	57,124	1/2	67,499	1/2	77,875	1/2	88,251	1/2	98,627
3/4	5,683	3/4	16,087	3/4	26,252	3/4	36,619	3/4	46,989	3/4	57,340	3/4	67,715	3/4	78,091	3/4	88,467	3/4	98,843
8	5,900	8	16,304	8	26,466	8	36,835	8	47,205	8	57,555	8	67,931	8	78,307	8	88,683	8	99,059
1/4	6,117	1/4	16,521	1/4	26,682	1/4	37,051	1/4	47,421	1/4	57,772	1/4	68,148	1/4	78,524	1/4	88,900	1/4	99,276
1/2	6,333	1/2	16,738	1/2	26,898	1/2	37,267	1/2	47,637	1/2	57,988	1/2	68,364	1/2	78,740	1/2	89,116	1/2	99,492
3/4	6,550	3/4	16,954	3/4	27,114	3/4	37,483	3/4	47,853	3/4	58,204	3/4	68,580	3/4	78,956	3/4	89,332	3/4	99,708
9	6,767	9	17,171	9	27,330	9	37,699	9	48,069	9	58,420	9	68,796	9	79,172	9	89,548	9	99,924
1/4	6,984	1/4	17,385	1/4	27,546	1/4	37,915	1/4	48,285	1/4	58,636	1/4	69,012	1/4	79,388	1/4	89,764	1/4	100,140
1/2	7,200	1/2	17,599	1/2	27,762	1/2	38,131	1/2	48,501	1/2	58,852	1/2	69,228	1/2	79,604	1/2	89,980	1/2	100,356
3/4	7,417	3/4	17,813	3/4	27,978	3/4	38,348	3/4	48,717	3/4	59,069	3/4	69,445	3/4	79,821	3/4	90,197	3/4	100,573
10	7,634	10	18,027	10	28,194	10	38,564	10	48,933	10	59,285	10	69,661	10	80,037	10	90,413	10	100,789
1/4	7,851	1/4	18,238	1/4	28,410	1/4	38,780	1/4	49,149	1/4	59,501	1/4	69,877	1/4	80,253	1/4	90,629	1/4	101,005
1/2	8,067	1/2	18,449	1/2	28,626	1/2	38,996	1/2	49,364	1/2	59,717	1/2	70,093	1/2	80,469	1/2	90,845	1/2	101,221
3/4	8,284	3/4	18,660	3/4	28,842	3/4	39,212	3/4	49,580	3/4	59,933	3/4	70,309	3/4	80,685	3/4	91,061	3/4	101,437
11	8,501	11	18,871	11	29,058	11	39,428	11	49,795	11	60,149	11	70,525	11	80,901	11	91,277	11	101,653
1/4	8,718	1/4	19,083	1/4	29,274	1/4	39,644	1/4	50,011	1/4	60,366	1/4	70,742	1/4	81,118	1/4	91,494	1/4	101,870
1/2	8,934	1/2	19,294	1/2	29,490	1/2	39,860	1/2	50,227	1/2	60,582	1/2	70,958	1/2	81,334	1/2	91,710	1/2	102,086
3/4	9,151	3/4	19,505	3/4	29,706	3/4	40,076	3/4	50,442	3/4	60,798	3/4	71,174	3/4	81,550	3/4	91,926	3/4	102,302

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
<http://www.pmacorp.net>



BARGE DBL 86"

1 CENT INNAGE TABLE

GAUGE HEIGHT 17'-00 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN									
0	102,518	0	111,957	0	120,927	0	129,896	0	139,094	0		0		0		0		0	
1/4	102,734	1/4	112,144	1/4	121,113	1/4	130,083	1/4	139,286	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	102,950	1/2	112,330	1/2	121,300	1/2	130,270	1/2	139,479	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	103,167	3/4	112,517	3/4	121,487	3/4	130,457	3/4	139,671	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	103,383	1	112,704	1	121,674	1	130,644	1	139,864	1	1	1	1	1	1	1	1	1	1
1/4	103,599	1/4	112,891	1/4	121,861	1/4	130,831	1/4	140,056	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	103,815	1/2	113,078	1/2	122,048	1/2	131,018	1/2	140,249	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,031	3/4	113,265	3/4	122,235	3/4	131,205	3/4	140,442	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	104,247	2	113,452	2	122,422	2	131,391	2	140,634	2	2	2	2	2	2	2	2	2	2
1/4	104,464	1/4	113,639	1/4	122,608	1/4	131,584	1/4	140,827	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,680	1/2	113,825	1/2	122,795	1/2	131,777	1/2	141,019	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,896	3/4	114,012	3/4	122,982	3/4	131,969	3/4	141,212	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	105,112	3	114,199	3	123,169	3	132,162	3	141,404	3	3	3	3	3	3	3	3	3	3
1/4	105,328	1/4	114,386	1/4	123,356	1/4	132,354	1/4	141,597	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,544	1/2	114,573	1/2	123,543	1/2	132,547	1/2	141,789	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,761	3/4	114,760	3/4	123,730	3/4	132,739	3/4	141,982	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	105,977	4	114,947	4	123,916	4	132,932	4	142,175	4	4	4	4	4	4	4	4	4	4
1/4	106,164	1/4	115,133	1/4	124,103	1/4	133,124	1/4	142,367	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,350	1/2	115,320	1/2	124,290	1/2	133,317	1/2	142,560	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,537	3/4	115,507	3/4	124,477	3/4	133,510	3/4	142,752	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	106,724	5	115,694	5	124,664	5	133,702	5	142,945	5	5	5	5	5	5	5	5	5	5
1/4	106,911	1/4	115,881	1/4	124,851	1/4	133,895	1/4	143,137	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,098	1/2	116,068	1/2	125,038	1/2	134,087	1/2	143,330	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,285	3/4	116,255	3/4	125,225	3/4	134,280	3/4	143,522	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	107,472	6	116,442	6	125,411	6	134,472	6	143,715	6	6	6	6	6	6	6	6	6	6
1/4	107,659	1/4	116,628	1/4	125,598	1/4	134,665	1/4	143,888	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,845	1/2	116,815	1/2	125,785	1/2	134,857	1/2	144,062	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,032	3/4	117,002	3/4	125,972	3/4	135,050	3/4	144,235	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	108,219	7	117,189	7	126,159	7	135,243	7	144,409	7	7	7	7	7	7	7	7	7	7
1/4	108,406	1/4	117,376	1/4	126,346	1/4	135,435	1/4	144,495	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,593	1/2	117,563	1/2	126,533	1/2	135,628	1/2	144,582	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,780	3/4	117,750	3/4	126,720	3/4	135,820	3/4	144,669	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	108,967	8	117,937	8	126,906	8	136,013	8	144,755	8	8	8	8	8	8	8	8	8	8
1/4	109,154	1/4	118,123	1/4	127,093	1/4	136,205	1/4	144,777	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,340	1/2	118,310	1/2	127,280	1/2	136,398	1/2	144,799	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,527	3/4	118,497	3/4	127,467	3/4	136,590	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	109,714	9	118,684	9	127,654	9	136,783	9		9	9	9	9	9	9	9	9	9	9
1/4	109,901	1/4	118,871	1/4	127,841	1/4	136,976	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,088	1/2	119,058	1/2	128,028	1/2	137,168	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,275	3/4	119,245	3/4	128,215	3/4	137,361	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	110,462	10	119,432	10	128,401	10	137,553	10		10	10	10	10	10	10	10	10	10	10
1/4	110,649	1/4	119,618	1/4	128,588	1/4	137,746	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,835	1/2	119,805	1/2	128,775	1/2	137,938	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,022	3/4	119,992	3/4	128,962	3/4	138,131	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	111,209	11	120,179	11	129,149	11	138,323	11		11	11	11	11	11	11	11	11	11	11
1/4	111,396	1/4	120,366	1/4	129,336	1/4	138,516	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,583	1/2	120,553	1/2	129,523	1/2	138,709	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,770	3/4	120,740	3/4	129,710	3/4	138,901	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2010 CL - SW
CALCULATED: 04/07/2010 CL
PRINTED: 04/07/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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



BARGE DBL 86"

2 CENT

INNAGE TABLE

GAUGE HEIGHT 17'-00 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	47	0	10,461	0	22,014	0	33,424	0	45,049	0	56,675	0	68,300	0	79,925	0	91,551	0	103,176
1/4	95	1/4	10,703	1/4	22,249	1/4	33,666	1/4	45,292	1/4	56,917	1/4	68,542	1/4	80,168	1/4	91,793	1/4	103,418
1/2	144	1/2	10,945	1/2	22,484	1/2	33,909	1/2	45,534	1/2	57,159	1/2	68,785	1/2	80,410	1/2	92,035	1/2	103,661
3/4	192	3/4	11,187	3/4	22,719	3/4	34,151	3/4	45,776	3/4	57,401	3/4	69,027	3/4	80,652	3/4	92,277	3/4	103,903
1	241	1	11,430	1	22,954	1	34,393	1	46,018	1	57,644	1	69,269	1	80,894	1	92,520	1	104,145
1/4	386	1/4	11,672	1/4	23,189	1/4	34,635	1/4	46,260	1/4	57,886	1/4	69,511	1/4	81,136	1/4	92,762	1/4	104,387
1/2	531	1/2	11,914	1/2	23,424	1/2	34,877	1/2	46,503	1/2	58,128	1/2	69,753	1/2	81,379	1/2	93,004	1/2	104,629
3/4	676	3/4	12,156	3/4	23,659	3/4	35,120	3/4	46,745	3/4	58,370	3/4	69,996	3/4	81,621	3/4	93,246	3/4	104,872
2	822	2	12,398	2	23,894	2	35,362	2	46,987	2	58,612	2	70,238	2	81,863	2	93,488	2	105,114
1/4	1,052	1/4	12,640	1/4	24,129	1/4	35,604	1/4	47,229	1/4	58,855	1/4	70,480	1/4	82,105	1/4	93,731	1/4	105,356
1/2	1,282	1/2	12,883	1/2	24,364	1/2	35,846	1/2	47,471	1/2	59,097	1/2	70,722	1/2	82,347	1/2	93,973	1/2	105,598
3/4	1,512	3/4	13,125	3/4	24,599	3/4	36,088	3/4	47,714	3/4	59,339	3/4	70,964	3/4	82,590	3/4	94,215	3/4	105,840
3	1,742	3	13,367	3	24,834	3	36,330	3	47,956	3	59,581	3	71,206	3	82,832	3	94,457	3	106,082
1/4	1,984	1/4	13,609	1/4	25,069	1/4	36,573	1/4	48,198	1/4	59,823	1/4	71,449	1/4	83,074	1/4	94,699	1/4	106,325
1/2	2,226	1/2	13,851	1/2	25,304	1/2	36,815	1/2	48,440	1/2	60,066	1/2	71,691	1/2	83,316	1/2	94,942	1/2	106,567
3/4	2,469	3/4	14,094	3/4	25,539	3/4	37,057	3/4	48,682	3/4	60,308	3/4	71,933	3/4	83,558	3/4	95,184	3/4	106,809
4	2,711	4	14,336	4	25,774	4	37,299	4	48,925	4	60,550	4	72,175	4	83,801	4	95,426	4	107,051
1/4	2,953	1/4	14,578	1/4	26,009	1/4	37,541	1/4	49,167	1/4	60,792	1/4	72,417	1/4	84,043	1/4	95,668	1/4	107,293
1/2	3,195	1/2	14,820	1/2	26,244	1/2	37,784	1/2	49,409	1/2	61,034	1/2	72,660	1/2	84,285	1/2	95,910	1/2	107,536
3/4	3,437	3/4	15,062	3/4	26,479	3/4	38,026	3/4	49,651	3/4	61,277	3/4	72,902	3/4	84,527	3/4	96,153	3/4	107,778
5	3,680	5	15,304	5	26,714	5	38,268	5	49,893	5	61,519	5	73,144	5	84,769	5	96,395	5	108,020
1/4	3,922	1/4	15,547	1/4	26,949	1/4	38,510	1/4	50,136	1/4	61,761	1/4	73,386	1/4	85,012	1/4	96,637	1/4	108,262
1/2	4,164	1/2	15,789	1/2	27,184	1/2	38,752	1/2	50,378	1/2	62,003	1/2	73,628	1/2	85,254	1/2	96,879	1/2	108,504
3/4	4,406	3/4	16,031	3/4	27,419	3/4	38,995	3/4	50,620	3/4	62,245	3/4	73,871	3/4	85,496	3/4	97,121	3/4	108,747
6	4,648	6	16,273	6	27,654	6	39,237	6	50,862	6	62,487	6	74,113	6	85,738	6	97,363	6	108,989
1/4	4,891	1/4	16,515	1/4	27,889	1/4	39,479	1/4	51,104	1/4	62,730	1/4	74,355	1/4	85,980	1/4	97,606	1/4	109,231
1/2	5,133	1/2	16,758	1/2	28,124	1/2	39,721	1/2	51,347	1/2	62,972	1/2	74,597	1/2	86,223	1/2	97,848	1/2	109,473
3/4	5,375	3/4	17,000	3/4	28,359	3/4	39,963	3/4	51,589	3/4	63,214	3/4	74,839	3/4	86,465	3/4	98,090	3/4	109,715
7	5,617	7	17,242	7	28,594	7	40,206	7	51,831	7	63,456	7	75,082	7	86,707	7	98,332	7	109,958
1/4	5,859	1/4	17,484	1/4	28,833	1/4	40,448	1/4	52,073	1/4	63,698	1/4	75,324	1/4	86,949	1/4	98,574	1/4	110,200
1/2	6,101	1/2	17,726	1/2	29,072	1/2	40,690	1/2	52,315	1/2	63,941	1/2	75,566	1/2	87,191	1/2	98,817	1/2	110,442
3/4	6,344	3/4	17,969	3/4	29,310	3/4	40,932	3/4	52,558	3/4	64,183	3/4	75,808	3/4	87,434	3/4	99,059	3/4	110,684
8	6,586	8	18,211	8	29,549	8	41,174	8	52,800	8	64,425	8	76,050	8	87,676	8	99,301	8	110,926
1/4	6,828	1/4	18,453	1/4	29,791	1/4	41,417	1/4	53,042	1/4	64,667	1/4	76,293	1/4	87,918	1/4	99,543	1/4	111,169
1/2	7,070	1/2	18,695	1/2	30,033	1/2	41,659	1/2	53,284	1/2	64,909	1/2	76,535	1/2	88,160	1/2	99,785	1/2	111,411
3/4	7,312	3/4	18,937	3/4	30,276	3/4	41,901	3/4	53,526	3/4	65,152	3/4	76,777	3/4	88,402	3/4	100,028	3/4	111,653
9	7,555	9	19,179	9	30,518	9	42,143	9	53,768	9	65,394	9	77,019	9	88,644	9	100,270	9	111,895
1/4	7,797	1/4	19,418	1/4	30,760	1/4	42,385	1/4	54,011	1/4	65,636	1/4	77,261	1/4	88,887	1/4	100,512	1/4	112,137
1/2	8,039	1/2	19,657	1/2	31,002	1/2	42,628	1/2	54,253	1/2	65,878	1/2	77,504	1/2	89,129	1/2	100,754	1/2	112,380
3/4	8,281	3/4	19,895	3/4	31,244	3/4	42,870	3/4	54,495	3/4	66,120	3/4	77,746	3/4	89,371	3/4	100,996	3/4	112,622
10	8,523	10	20,134	10	31,487	10	43,112	10	54,737	10	66,363	10	77,988	10	89,613	10	101,239	10	112,864
1/4	8,765	1/4	20,369	1/4	31,729	1/4	43,354	1/4	54,979	1/4	66,605	1/4	78,230	1/4	89,855	1/4	101,481	1/4	113,106
1/2	9,008	1/2	20,604	1/2	31,971	1/2	43,596	1/2	55,222	1/2	66,847	1/2	78,472	1/2	90,098	1/2	101,723	1/2	113,348
3/4	9,250	3/4	20,839	3/4	32,213	3/4	43,839	3/4	55,464	3/4	67,089	3/4	78,715	3/4	90,340	3/4	101,965	3/4	113,591
11	9,492	11	21,074	11	32,455	11	44,081	11	55,706	11	67,331	11	78,957	11	90,582	11	102,207	11	113,833
1/4	9,734	1/4	21,309	1/4	32,698	1/4	44,323	1/4	55,948	1/4	67,574	1/4	79,199	1/4	90,824	1/4	102,450	1/4	114,075
1/2	9,976	1/2	21,544	1/2	32,940	1/2	44,565	1/2	56,190	1/2	67,816	1/2	79,441	1/2	91,066	1/2	102,692	1/2	114,317
3/4	10,219	3/4	21,779	3/4	33,182	3/4	44,807	3/4	56,433	3/4	68,058	3/4	79,683	3/4	91,309	3/4	102,934	3/4	114,559

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 32'-03" FORWARD OF AFT BULKHEAD.

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



BARGE DBL 86"

2 CENT INNAGE TABLE

GAUGE HEIGHT 17'-00 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN									
0	114,801	0	126,427	0	138,052	0	149,677	0	161,303	0		0		0		0		0	
1/4	115,044	1/4	126,669	1/4	138,294	1/4	149,920	1/4	161,545	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,286	1/2	126,911	1/2	138,537	1/2	150,162	1/2	161,787	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,528	3/4	127,153	3/4	138,779	3/4	150,404	3/4	162,029	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	115,770	1	127,396	1	139,021	1	150,646	1	162,272	1	1	1	1	1	1	1	1	1	1
1/4	116,012	1/4	127,638	1/4	139,263	1/4	150,888	1/4	162,514	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	116,255	1/2	127,880	1/2	139,505	1/2	151,131	1/2	162,756	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	116,497	3/4	128,122	3/4	139,747	3/4	151,373	3/4	162,998	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	116,739	2	128,364	2	139,990	2	151,615	2	163,240	2	2	2	2	2	2	2	2	2	2
1/4	116,981	1/4	128,607	1/4	140,232	1/4	151,857	1/4	163,483	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,223	1/2	128,849	1/2	140,474	1/2	152,099	1/2	163,725	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	117,466	3/4	129,091	3/4	140,716	3/4	152,342	3/4	163,967	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	117,708	3	129,333	3	140,958	3	152,584	3	164,209	3	3	3	3	3	3	3	3	3	3
1/4	117,950	1/4	129,575	1/4	141,201	1/4	152,826	1/4	164,451	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,192	1/2	129,818	1/2	141,443	1/2	153,068	1/2	164,694	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,434	3/4	130,060	3/4	141,685	3/4	153,310	3/4	164,936	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	118,677	4	130,302	4	141,927	4	153,553	4	165,178	4	4	4	4	4	4	4	4	4	4
1/4	118,919	1/4	130,544	1/4	142,169	1/4	153,795	1/4	165,420	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,161	1/2	130,786	1/2	142,412	1/2	154,037	1/2	165,662	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,403	3/4	131,029	3/4	142,654	3/4	154,279	3/4	165,904	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	119,645	5	131,271	5	142,896	5	154,521	5	166,147	5	5	5	5	5	5	5	5	5	5
1/4	119,888	1/4	131,513	1/4	143,138	1/4	154,764	1/4	166,389	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,130	1/2	131,755	1/2	143,380	1/2	155,006	1/2	166,631	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,372	3/4	131,997	3/4	143,623	3/4	155,248	3/4	166,873	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	120,614	6	132,239	6	143,865	6	155,490	6	167,115	6	6	6	6	6	6	6	6	6	6
1/4	120,856	1/4	132,482	1/4	144,107	1/4	155,732	1/4	167,309	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,099	1/2	132,724	1/2	144,349	1/2	155,975	1/2	167,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,341	3/4	132,966	3/4	144,591	3/4	156,217	3/4	167,697	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	121,583	7	133,208	7	144,834	7	156,459	7	167,891	7	7	7	7	7	7	7	7	7	7
1/4	121,825	1/4	133,450	1/4	145,076	1/4	156,701	1/4	167,987	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,067	1/2	133,693	1/2	145,318	1/2	156,943	1/2	168,084	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,310	3/4	133,935	3/4	145,560	3/4	157,185	3/4	168,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	122,552	8	134,177	8	145,802	8	157,428	8	168,278	8	8	8	8	8	8	8	8	8	8
1/4	122,794	1/4	134,419	1/4	146,045	1/4	157,670	1/4	168,302	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,036	1/2	134,661	1/2	146,287	1/2	157,912	1/2	168,326	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,278	3/4	134,904	3/4	146,529	3/4	158,154	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	123,520	9	135,146	9	146,771	9	158,396	9		9	9	9	9	9	9	9	9	9	9
1/4	123,763	1/4	135,388	1/4	147,013	1/4	158,639	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,005	1/2	135,630	1/2	147,256	1/2	158,881	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,247	3/4	135,872	3/4	147,498	3/4	159,123	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	124,489	10	136,115	10	147,740	10	159,365	10		10	10	10	10	10	10	10	10	10	10
1/4	124,731	1/4	136,357	1/4	147,982	1/4	159,607	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,974	1/2	136,599	1/2	148,224	1/2	159,850	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,216	3/4	136,841	3/4	148,466	3/4	160,092	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	125,458	11	137,083	11	148,709	11	160,334	11		11	11	11	11	11	11	11	11	11	11
1/4	125,700	1/4	137,326	1/4	148,951	1/4	160,576	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,942	1/2	137,568	1/2	149,193	1/2	160,818	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,185	3/4	137,810	3/4	149,435	3/4	161,061	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2010 CL - SW
CALCULATED: 04/07/2010 CL
PRINTED: 04/07/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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



BARGE 'DBL 86''

3 CENT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-00 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	46	0	9,280	0	19,583	0	29,876	0	40,184	0	50,491	0	60,799	0	71,107	0	81,414	0	91,722
1/4	89	1/4	9,494	1/4	19,797	1/4	30,091	1/4	40,399	1/4	50,706	1/4	61,014	1/4	71,321	1/4	81,629	1/4	91,936
1/2	132	1/2	9,709	1/2	20,011	1/2	30,306	1/2	40,613	1/2	50,921	1/2	61,228	1/2	71,536	1/2	81,844	1/2	92,151
3/4	175	3/4	9,924	3/4	20,225	3/4	30,521	3/4	40,828	3/4	51,136	3/4	61,443	3/4	71,751	3/4	82,058	3/4	92,366
1	218	1	10,139	1	20,440	1	30,735	1	41,043	1	51,350	1	61,658	1	71,966	1	82,273	1	92,581
1/4	347	1/4	10,353	1/4	20,654	1/4	30,950	1/4	41,258	1/4	51,565	1/4	61,873	1/4	72,180	1/4	82,488	1/4	92,795
1/2	476	1/2	10,568	1/2	20,868	1/2	31,165	1/2	41,472	1/2	51,780	1/2	62,087	1/2	72,395	1/2	82,703	1/2	93,010
3/4	604	3/4	10,783	3/4	21,082	3/4	31,379	3/4	41,687	3/4	51,995	3/4	62,302	3/4	72,610	3/4	82,917	3/4	93,225
2	733	2	10,997	2	21,297	2	31,594	2	41,902	2	52,209	2	62,517	2	72,824	2	83,132	2	93,440
1/4	937	1/4	11,212	1/4	21,511	1/4	31,809	1/4	42,117	1/4	52,424	1/4	62,732	1/4	73,039	1/4	83,347	1/4	93,654
1/2	1,141	1/2	11,427	1/2	21,725	1/2	32,024	1/2	42,331	1/2	52,639	1/2	62,946	1/2	73,254	1/2	83,562	1/2	93,869
3/4	1,345	3/4	11,642	3/4	21,939	3/4	32,238	3/4	42,546	3/4	52,854	3/4	63,161	3/4	73,469	3/4	83,776	3/4	94,084
3	1,549	3	11,856	3	22,154	3	32,453	3	42,761	3	53,068	3	63,376	3	73,683	3	83,991	3	94,299
1/4	1,764	1/4	12,071	1/4	22,368	1/4	32,668	1/4	42,975	1/4	53,283	1/4	63,591	1/4	73,898	1/4	84,206	1/4	94,513
1/2	1,979	1/2	12,286	1/2	22,582	1/2	32,883	1/2	43,190	1/2	53,498	1/2	63,805	1/2	74,113	1/2	84,421	1/2	94,728
3/4	2,193	3/4	12,501	3/4	22,796	3/4	33,097	3/4	43,405	3/4	53,713	3/4	64,020	3/4	74,328	3/4	84,635	3/4	94,943
4	2,408	4	12,715	4	23,011	4	33,312	4	43,620	4	53,927	4	64,235	4	74,542	4	84,850	4	95,158
1/4	2,623	1/4	12,930	1/4	23,225	1/4	33,527	1/4	43,834	1/4	54,142	1/4	64,450	1/4	74,757	1/4	85,065	1/4	95,372
1/2	2,838	1/2	13,145	1/2	23,439	1/2	33,742	1/2	44,049	1/2	54,357	1/2	64,664	1/2	74,972	1/2	85,279	1/2	95,587
3/4	3,052	3/4	13,360	3/4	23,654	3/4	33,956	3/4	44,264	3/4	54,572	3/4	64,879	3/4	75,187	3/4	85,494	3/4	95,802
5	3,267	5	13,574	5	23,868	5	34,171	5	44,479	5	54,786	5	65,094	5	75,401	5	85,709	5	96,017
1/4	3,482	1/4	13,789	1/4	24,082	1/4	34,386	1/4	44,693	1/4	55,001	1/4	65,309	1/4	75,616	1/4	85,924	1/4	96,231
1/2	3,697	1/2	14,004	1/2	24,296	1/2	34,601	1/2	44,908	1/2	55,216	1/2	65,523	1/2	75,831	1/2	86,138	1/2	96,446
3/4	3,911	3/4	14,218	3/4	24,511	3/4	34,815	3/4	45,123	3/4	55,430	3/4	65,738	3/4	76,046	3/4	86,353	3/4	96,661
6	4,126	6	14,433	6	24,725	6	35,030	6	45,338	6	55,645	6	65,953	6	76,260	6	86,568	6	96,876
1/4	4,341	1/4	14,648	1/4	24,939	1/4	35,245	1/4	45,552	1/4	55,860	1/4	66,168	1/4	76,475	1/4	86,783	1/4	97,090
1/2	4,555	1/2	14,863	1/2	25,153	1/2	35,460	1/2	45,767	1/2	56,075	1/2	66,382	1/2	76,690	1/2	86,997	1/2	97,305
3/4	4,770	3/4	15,077	3/4	25,368	3/4	35,674	3/4	45,982	3/4	56,289	3/4	66,597	3/4	76,905	3/4	87,212	3/4	97,520
7	4,985	7	15,292	7	25,582	7	35,889	7	46,197	7	56,504	7	66,812	7	77,119	7	87,427	7	97,734
1/4	5,200	1/4	15,507	1/4	25,797	1/4	36,104	1/4	46,411	1/4	56,719	1/4	67,026	1/4	77,334	1/4	87,642	1/4	97,949
1/2	5,414	1/2	15,722	1/2	26,011	1/2	36,319	1/2	46,626	1/2	56,934	1/2	67,241	1/2	77,549	1/2	87,856	1/2	98,164
3/4	5,629	3/4	15,936	3/4	26,226	3/4	36,533	3/4	46,841	3/4	57,148	3/4	67,456	3/4	77,764	3/4	88,071	3/4	98,379
8	5,844	8	16,151	8	26,440	8	36,748	8	47,056	8	57,363	8	67,671	8	77,978	8	88,286	8	98,593
1/4	6,059	1/4	16,366	1/4	26,655	1/4	36,963	1/4	47,270	1/4	57,578	1/4	67,885	1/4	78,193	1/4	88,501	1/4	98,808
1/2	6,273	1/2	16,580	1/2	26,870	1/2	37,177	1/2	47,485	1/2	57,793	1/2	68,100	1/2	78,408	1/2	88,715	1/2	99,023
3/4	6,488	3/4	16,795	3/4	27,085	3/4	37,392	3/4	47,700	3/4	58,007	3/4	68,315	3/4	78,623	3/4	88,930	3/4	99,238
9	6,703	9	17,010	9	27,299	9	37,607	9	47,915	9	58,222	9	68,530	9	78,837	9	89,145	9	99,452
1/4	6,918	1/4	17,225	1/4	27,514	1/4	37,822	1/4	48,129	1/4	58,437	1/4	68,744	1/4	79,052	1/4	89,360	1/4	99,667
1/2	7,132	1/2	17,439	1/2	27,729	1/2	38,036	1/2	48,344	1/2	58,652	1/2	68,959	1/2	79,267	1/2	89,574	1/2	99,882
3/4	7,347	3/4	17,654	3/4	27,944	3/4	38,251	3/4	48,559	3/4	58,866	3/4	69,174	3/4	79,481	3/4	89,789	3/4	100,097
10	7,562	10	17,868	10	28,158	10	38,466	10	48,773	10	59,081	10	69,389	10	79,696	10	90,004	10	100,311
1/4	7,776	1/4	18,083	1/4	28,373	1/4	38,681	1/4	48,988	1/4	59,296	1/4	69,603	1/4	79,911	1/4	90,219	1/4	100,526
1/2	7,991	1/2	18,297	1/2	28,588	1/2	38,895	1/2	49,203	1/2	59,511	1/2	69,818	1/2	80,126	1/2	90,433	1/2	100,741
3/4	8,206	3/4	18,511	3/4	28,803	3/4	39,110	3/4	49,418	3/4	59,725	3/4	70,033	3/4	80,340	3/4	90,648	3/4	100,956
11	8,421	11	18,725	11	29,017	11	39,325	11	49,632	11	59,940	11	70,248	11	80,555	11	90,863	11	101,170
1/4	8,635	1/4	18,940	1/4	29,232	1/4	39,540	1/4	49,847	1/4	60,155	1/4	70,462	1/4	80,770	1/4	91,077	1/4	101,385
1/2	8,850	1/2	19,154	1/2	29,447	1/2	39,754	1/2	50,062	1/2	60,370	1/2	70,677	1/2	80,985	1/2	91,292	1/2	101,600
3/4	9,065	3/4	19,368	3/4	29,662	3/4	39,969	3/4	50,277	3/4	60,584	3/4	70,892	3/4	81,199	3/4	91,507	3/4	101,815

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>



BARGO DBL 86"

3 CENT INNAGE TABLE

GAUGE HEIGHT 17'-00 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN									
0	102,029	0	112,337	0	122,644	0	132,952	0	143,260	0		0		0		0		0	
1/4	102,244	1/4	112,552	1/4	122,859	1/4	133,167	1/4	143,474	1/4		1/4		1/4		1/4		1/4	
1/2	102,459	1/2	112,766	1/2	123,074	1/2	133,381	1/2	143,689	1/2		1/2		1/2		1/2		1/2	
3/4	102,674	3/4	112,981	3/4	123,289	3/4	133,596	3/4	143,904	3/4		3/4		3/4		3/4		3/4	
1	102,888	1	113,196	1	123,503	1	133,811	1	144,119	1		1		1		1		1	
1/4	103,103	1/4	113,411	1/4	123,718	1/4	134,026	1/4	144,333	1/4		1/4		1/4		1/4		1/4	
1/2	103,318	1/2	113,625	1/2	123,933	1/2	134,240	1/2	144,548	1/2		1/2		1/2		1/2		1/2	
3/4	103,532	3/4	113,840	3/4	124,148	3/4	134,455	3/4	144,763	3/4		3/4		3/4		3/4		3/4	
2	103,747	2	114,055	2	124,362	2	134,670	2	144,978	2		2		2		2		2	
1/4	103,962	1/4	114,270	1/4	124,577	1/4	134,885	1/4	145,192	1/4		1/4		1/4		1/4		1/4	
1/2	104,177	1/2	114,484	1/2	124,792	1/2	135,099	1/2	145,407	1/2		1/2		1/2		1/2		1/2	
3/4	104,391	3/4	114,699	3/4	125,007	3/4	135,314	3/4	145,622	3/4		3/4		3/4		3/4		3/4	
3	104,606	3	114,914	3	125,221	3	135,529	3	145,836	3		3		3		3		3	
1/4	104,821	1/4	115,128	1/4	125,436	1/4	135,744	1/4	146,051	1/4		1/4		1/4		1/4		1/4	
1/2	105,036	1/2	115,343	1/2	125,651	1/2	135,958	1/2	146,266	1/2		1/2		1/2		1/2		1/2	
3/4	105,250	3/4	115,558	3/4	125,866	3/4	136,173	3/4	146,481	3/4		3/4		3/4		3/4		3/4	
4	105,465	4	115,773	4	126,080	4	136,388	4	146,695	4		4		4		4		4	
1/4	105,680	1/4	115,987	1/4	126,295	1/4	136,603	1/4	146,910	1/4		1/4		1/4		1/4		1/4	
1/2	105,895	1/2	116,202	1/2	126,510	1/2	136,817	1/2	147,125	1/2		1/2		1/2		1/2		1/2	
3/4	106,109	3/4	116,417	3/4	126,725	3/4	137,032	3/4	147,340	3/4		3/4		3/4		3/4		3/4	
5	106,324	5	116,632	5	126,939	5	137,247	5	147,554	5		5		5		5		5	
1/4	106,539	1/4	116,846	1/4	127,154	1/4	137,462	1/4	147,769	1/4		1/4		1/4		1/4		1/4	
1/2	106,754	1/2	117,061	1/2	127,369	1/2	137,676	1/2	147,984	1/2		1/2		1/2		1/2		1/2	
3/4	106,968	3/4	117,276	3/4	127,583	3/4	137,891	3/4	148,199	3/4		3/4		3/4		3/4		3/4	
6	107,183	6	117,491	6	127,798	6	138,106	6	148,413	6		6		6		6		6	
1/4	107,398	1/4	117,705	1/4	128,013	1/4	138,321	1/4	148,585	1/4		1/4		1/4		1/4		1/4	
1/2	107,613	1/2	117,920	1/2	128,228	1/2	138,535	1/2	148,757	1/2		1/2		1/2		1/2		1/2	
3/4	107,827	3/4	118,135	3/4	128,442	3/4	138,750	3/4	148,929	3/4		3/4		3/4		3/4		3/4	
7	108,042	7	118,350	7	128,657	7	138,965	7	149,101	7		7		7		7		7	
1/4	108,257	1/4	118,564	1/4	128,872	1/4	139,179	1/4	149,186	1/4		1/4		1/4		1/4		1/4	
1/2	108,472	1/2	118,779	1/2	129,087	1/2	139,394	1/2	149,272	1/2		1/2		1/2		1/2		1/2	
3/4	108,686	3/4	118,994	3/4	129,301	3/4	139,609	3/4	149,358	3/4		3/4		3/4		3/4		3/4	
8	108,901	8	119,209	8	129,516	8	139,824	8	149,444	8		8		8		8		8	
1/4	109,116	1/4	119,423	1/4	129,731	1/4	140,038	1/4	149,466	1/4		1/4		1/4		1/4		1/4	
1/2	109,330	1/2	119,638	1/2	129,946	1/2	140,253	1/2	149,487	1/2		1/2		1/2		1/2		1/2	
3/4	109,545	3/4	119,853	3/4	130,160	3/4	140,468	3/4		3/4		3/4		3/4		3/4		3/4	
9	109,760	9	120,068	9	130,375	9	140,683	9		9		9		9		9		9	
1/4	109,975	1/4	120,282	1/4	130,590	1/4	140,897	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,189	1/2	120,497	1/2	130,805	1/2	141,112	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,404	3/4	120,712	3/4	131,019	3/4	141,327	3/4		3/4		3/4		3/4		3/4		3/4	
10	110,619	10	120,927	10	131,234	10	141,542	10		10		10		10		10		10	
1/4	110,834	1/4	121,141	1/4	131,449	1/4	141,756	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,048	1/2	121,356	1/2	131,664	1/2	141,971	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,263	3/4	121,571	3/4	131,878	3/4	142,186	3/4		3/4		3/4		3/4		3/4		3/4	
11	111,478	11	121,785	11	132,093	11	142,401	11		11		11		11		11		11	
1/4	111,693	1/4	122,000	1/4	132,308	1/4	142,615	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,907	1/2	122,215	1/2	132,523	1/2	142,830	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,122	3/4	122,430	3/4	132,737	3/4	143,045	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/07/2010 CL - SW
CALCULATED: 04/07/2010 CL
PRINTED: 04/07/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2010

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



BARGE DBL 86"

SLOP TANK INNAGE TABLE

GAUGE HEIGHT 5'-04 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	0	0	354	0	707	0		0		0		0		0		0		0	
1/4	7	1/4	361	1/4	715	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	15	1/2	368	1/2	722	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	22	3/4	376	3/4	729	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	29	1	383	1	737	1		1		1		1		1		1		1	
1/4	37	1/4	390	1/4	744	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	398	1/2	751	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	51	3/4	405	3/4	759	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	59	2	412	2	766	2		2		2		2		2		2		2	
1/4	66	1/4	420	1/4	773	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	427	1/2	781	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	81	3/4	434	3/4	788	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	88	3	442	3	795	3		3		3		3		3		3		3	
1/4	95	1/4	449	1/4	803	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	103	1/2	456	1/2	810	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	464	3/4	817	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	117	4	471	4	825	4		4		4		4		4		4		4	
1/4	124	1/4	478	1/4	832	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	485	1/2	839	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	493	3/4	847	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	146	5	500	5	854	5		5		5		5		5		5		5	
1/4	154	1/4	508	1/4	861	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161	1/2	515	1/2	869	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	522	3/4	876	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	176	6	530	6	883	6		6		6		6		6		6		6	
1/4	183	1/4	537	1/4	891	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	191	1/2	545	1/2	898	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	198	3/4	552	3/4	906	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	206	7	559	7	913	7		7		7		7		7		7		7	
1/4	213	1/4	567	1/4	920	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	220	1/2	574	1/2	928	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	228	3/4	582	3/4	935	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	235	8	589	8	942	8		8		8		8		8		8		8	
1/4	243	1/4	596	1/4	950	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	250	1/2	604	1/2	957	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	257	3/4	611	3/4	964	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	265	9	619	9	972	9		9		9		9		9		9		9	
1/4	272	1/4	626	1/4	979	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	280	1/2	633	1/2	986	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	287	3/4	641	3/4	994	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	295	10	648	10	1,001	10		10		10		10		10		10		10	
1/4	302	1/4	656	1/4	1,008	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	309	1/2	663	1/2	1,016	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	317	3/4	670	3/4	1,023	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	324	11	678	11	1,030	11		11		11		11		11		11		11	
1/4	332	1/4	685	1/4	1,038	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	339	1/2	693	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	346	3/4	700	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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.

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