



BARGE "DBL 85"

ULLAGE 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	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 CENTER	00-5/8	- 00-5/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-5/8	- 03-5/8
3 CENTER	00-3/8	- 00-3/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-3/4	- 01-3/4	02-1/8	- 02-1/8	02-5/8	- 02-5/8

(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 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 161'-06"

October 13, 2009

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

<http://www.pmacorp.net>



BARGE "DBL 85"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-11 1/2"

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		0	136,281	0	127,256	0	118,443	0	109,630	0	100,299	0	90,105	0	79,910
1/4	1/4	1/4	1/4	1/4	1/4	1/4	136,092	1/4	127,072	1/4	118,259	1/4	109,446	1/4	100,087	1/4	89,892	1/4	79,698
1/2	1/2	1/2	1/2	1/2	1/2	1/2	135,902	1/2	126,889	1/2	118,076	1/2	109,263	1/2	99,874	1/2	89,680	1/2	79,485
3/4	3/4	3/4	3/4	3/4	3/4	3/4	135,713	3/4	126,705	3/4	117,892	3/4	109,079	3/4	99,662	3/4	89,467	3/4	79,273
1		1		1		1	135,524	1	126,521	1	117,708	1	108,896	1	99,449	1	89,255	1	79,061
1/4	1/4	1/4	1/4	1/4	1/4	1/4	135,335	1/4	126,338	1/4	117,525	1/4	108,712	1/4	99,237	1/4	89,043	1/4	78,848
1/2	1/2	1/2	1/2	1/2	1/2	1/2	135,146	1/2	126,154	1/2	117,341	1/2	108,528	1/2	99,025	1/2	88,830	1/2	78,636
3/4	3/4	3/4	3/4	3/4	3/4	3/4	134,957	3/4	125,971	3/4	117,158	3/4	108,345	3/4	98,812	3/4	88,618	3/4	78,424
2		2		2		2	134,767	2	125,787	2	116,974	2	108,161	2	98,600	2	88,406	2	78,211
1/4	1/4	1/4	1/4	1/4	1/4	1/4	134,578	1/4	125,603	1/4	116,790	1/4	107,978	1/4	98,388	1/4	88,193	1/4	77,999
1/2	1/2	1/2	1/2	1/2	1/2	1/2	134,389	1/2	125,420	1/2	116,607	1/2	107,794	1/2	98,175	1/2	87,981	1/2	77,786
3/4	3/4	3/4	3/4	3/4	3/4	3/4	134,200	3/4	125,236	3/4	116,423	3/4	107,610	3/4	97,963	3/4	87,768	3/4	77,574
3		3		3		3	134,011	3	125,053	3	116,240	3	107,427	3	97,750	3	87,556	3	77,362
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,243	1/4	133,821	1/4	124,869	1/4	116,056	1/4	107,243	1/4	97,538	1/4	87,344
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,222	1/2	133,632	1/2	124,685	1/2	115,872	1/2	107,060	1/2	97,326	1/2	87,131
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,137	3/4	133,443	3/4	124,502	3/4	115,689	3/4	106,876	3/4	97,113	3/4	86,919
4		4		4		4	142,052	4	133,254	4	124,318	4	115,505	4	106,692	4	96,901	4	86,707
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,966	1/4	133,065	1/4	124,134	1/4	115,322	1/4	106,509	1/4	96,689	1/4	86,494
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,881	1/2	132,875	1/2	123,951	1/2	115,138	1/2	106,325	1/2	96,476	1/2	86,282
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,711	3/4	132,686	3/4	123,767	3/4	114,954	3/4	106,142	3/4	96,264	3/4	86,069
5		5		5		5	141,540	5	132,497	5	123,584	5	114,771	5	105,958	5	96,051	5	85,857
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,370	1/4	132,308	1/4	123,400	1/4	114,587	1/4	105,774	1/4	95,839	1/4	85,645
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,200	1/2	132,119	1/2	123,216	1/2	114,404	1/2	105,591	1/2	95,627	1/2	85,432
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,010	3/4	131,930	3/4	123,033	3/4	114,220	3/4	105,407	3/4	95,414	3/4	85,220
6		6		6		6	140,821	6	131,740	6	122,849	6	114,036	6	105,224	6	95,202	6	85,007
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,632	1/4	131,551	1/4	122,666	1/4	113,853	1/4	105,040	1/4	94,989	1/4	84,795
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,443	1/2	131,362	1/2	122,482	1/2	113,669	1/2	104,856	1/2	94,777	1/2	84,583
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,254	3/4	131,173	3/4	122,298	3/4	113,486	3/4	104,673	3/4	94,565	3/4	84,370
7		7		7		7	140,065	7	130,984	7	122,115	7	113,302	7	104,489	7	94,352	7	84,158
1/4	1/4	1/4	1/4	1/4	1/4	1/4	139,875	1/4	130,794	1/4	121,931	1/4	113,118	1/4	104,306	1/4	94,140	1/4	83,946
1/2	1/2	1/2	1/2	1/2	1/2	1/2	139,686	1/2	130,605	1/2	121,748	1/2	112,935	1/2	104,122	1/2	93,928	1/2	83,733
3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,497	3/4	130,416	3/4	121,564	3/4	112,751	3/4	103,910	3/4	93,715	3/4	83,521
8		8		8		8	139,308	8	130,227	8	121,380	8	112,568	8	103,697	8	93,503	8	83,308
1/4	1/4	1/4	1/4	1/4	1/4	1/4	139,119	1/4	130,038	1/4	121,197	1/4	112,384	1/4	103,485	1/4	93,290	1/4	83,096
1/2	1/2	1/2	1/2	1/2	1/2	1/2	138,929	1/2	129,848	1/2	121,013	1/2	112,200	1/2	103,272	1/2	93,078	1/2	82,884
3/4	3/4	3/4	3/4	3/4	3/4	3/4	138,740	3/4	129,659	3/4	120,830	3/4	112,017	3/4	103,060	3/4	92,866	3/4	82,671
9		9		9		9	138,551	9	129,470	9	120,646	9	111,833	9	102,848	9	92,653	9	82,459
1/4	1/4	1/4	1/4	1/4	1/4	1/4	138,362	1/4	129,281	1/4	120,462	1/4	111,650	1/4	102,635	1/4	92,441	1/4	82,246
1/2	1/2	1/2	1/2	1/2	1/2	1/2	138,173	1/2	129,092	1/2	120,279	1/2	111,466	1/2	102,423	1/2	92,228	1/2	82,034
3/4	3/4	3/4	3/4	3/4	3/4	3/4	137,983	3/4	128,908	3/4	120,095	3/4	111,282	3/4	102,210	3/4	92,016	3/4	81,822
10		10		10		10	137,794	10	128,725	10	119,912	10	111,099	10	101,998	10	91,804	10	81,609
1/4	1/4	1/4	1/4	1/4	1/4	1/4	137,605	1/4	128,541	1/4	119,728	1/4	110,915	1/4	101,786	1/4	91,591	1/4	81,397
1/2	1/2	1/2	1/2	1/2	1/2	1/2	137,416	1/2	128,357	1/2	119,544	1/2	110,732	1/2	101,573	1/2	91,379	1/2	81,185
3/4	3/4	3/4	3/4	3/4	3/4	3/4	137,227	3/4	128,174	3/4	119,361	3/4	110,548	3/4	101,361	3/4	91,167	3/4	80,972
11		11		11		11	137,038	11	127,990	11	119,177	11	110,364	11	101,149	11	90,954	11	80,760
1/4	1/4	1/4	1/4	1/4	1/4	1/4	136,848	1/4	127,807	1/4	118,994	1/4	110,181	1/4	100,936	1/4	90,742	1/4	80,547
1/2	1/2	1/2	1/2	1/2	1/2	1/2	136,659	1/2	127,623	1/2	118,810	1/2	109,997	1/2	100,724	1/2	90,529	1/2	80,335
3/4	3/4	3/4	3/4	3/4	3/4	3/4	136,470	3/4	127,439	3/4	118,626	3/4	109,814	3/4	100,511	3/4	90,317	3/4	80,123

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "DBL 85"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-11 1/2"

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		IN		IN		IN		IN	
0	69,716	0	59,521	0	49,348	0	39,162	0	28,974	0	18,956	0	8,778	0		0		0	
1/4	69,503	1/4	59,309	1/4	49,136	1/4	38,950	1/4	28,762	1/4	18,749	1/4	8,565	1/4		1/4		1/4	
1/2	69,291	1/2	59,097	1/2	48,924	1/2	38,738	1/2	28,549	1/2	18,541	1/2	8,352	1/2		1/2		1/2	
3/4	69,079	3/4	58,884	3/4	48,712	3/4	38,525	3/4	28,337	3/4	18,334	3/4	8,139	3/4		3/4		3/4	
1	68,866	1	58,672	1	48,500	1	38,313	1	28,125	1	18,126	1	7,926	1		1		1	
1/4	68,654	1/4	58,460	1/4	48,289	1/4	38,101	1/4	27,913	1/4	17,919	1/4	7,713	1/4		1/4		1/4	
1/2	68,442	1/2	58,247	1/2	48,077	1/2	37,889	1/2	27,700	1/2	17,711	1/2	7,500	1/2		1/2		1/2	
3/4	68,229	3/4	58,035	3/4	47,865	3/4	37,676	3/4	27,488	3/4	17,501	3/4	7,287	3/4		3/4		3/4	
2	68,017	2	57,822	2	47,652	2	37,464	2	27,276	2	17,291	2	7,074	2		2		2	
1/4	67,804	1/4	57,610	1/4	47,440	1/4	37,252	1/4	27,064	1/4	17,081	1/4	6,861	1/4		1/4		1/4	
1/2	67,592	1/2	57,398	1/2	47,228	1/2	37,040	1/2	26,851	1/2	16,871	1/2	6,648	1/2		1/2		1/2	
3/4	67,380	3/4	57,185	3/4	47,016	3/4	36,827	3/4	26,639	3/4	16,658	3/4	6,436	3/4		3/4		3/4	
3	67,167	3	56,973	3	46,803	3	36,615	3	26,427	3	16,445	3	6,223	3		3		3	
1/4	66,955	1/4	56,760	1/4	46,591	1/4	36,403	1/4	26,215	1/4	16,232	1/4	6,010	1/4		1/4		1/4	
1/2	66,742	1/2	56,548	1/2	46,379	1/2	36,191	1/2	26,002	1/2	16,019	1/2	5,797	1/2		1/2		1/2	
3/4	66,530	3/4	56,336	3/4	46,167	3/4	35,978	3/4	25,793	3/4	15,806	3/4	5,584	3/4		3/4		3/4	
4	66,318	4	56,125	4	45,954	4	35,766	4	25,583	4	15,593	4	5,371	4		4		4	
1/4	66,105	1/4	55,913	1/4	45,742	1/4	35,554	1/4	25,373	1/4	15,380	1/4	5,158	1/4		1/4		1/4	
1/2	65,893	1/2	55,701	1/2	45,530	1/2	35,342	1/2	25,164	1/2	15,167	1/2	4,945	1/2		1/2		1/2	
3/4	65,681	3/4	55,489	3/4	45,318	3/4	35,129	3/4	24,957	3/4	14,954	3/4	4,732	3/4		3/4		3/4	
5	65,468	5	55,277	5	45,105	5	34,917	5	24,750	5	14,741	5	4,519	5		5		5	
1/4	65,256	1/4	55,066	1/4	44,893	1/4	34,705	1/4	24,543	1/4	14,528	1/4	4,306	1/4		1/4		1/4	
1/2	65,043	1/2	54,854	1/2	44,681	1/2	34,493	1/2	24,336	1/2	14,315	1/2	4,093	1/2		1/2		1/2	
3/4	64,831	3/4	54,642	3/4	44,468	3/4	34,280	3/4	24,129	3/4	14,102	3/4	3,880	3/4		3/4		3/4	
6	64,619	6	54,430	6	44,256	6	34,068	6	23,922	6	13,889	6	3,667	6		6		6	
1/4	64,406	1/4	54,219	1/4	44,044	1/4	33,856	1/4	23,715	1/4	13,676	1/4	3,454	1/4		1/4		1/4	
1/2	64,194	1/2	54,007	1/2	43,832	1/2	33,644	1/2	23,508	1/2	13,463	1/2	3,241	1/2		1/2		1/2	
3/4	63,982	3/4	53,795	3/4	43,619	3/4	33,431	3/4	23,302	3/4	13,250	3/4	3,028	3/4		3/4		3/4	
7	63,769	7	53,583	7	43,407	7	33,219	7	23,095	7	13,037	7	2,815	7		7		7	
1/4	63,557	1/4	53,371	1/4	43,195	1/4	33,007	1/4	22,888	1/4	12,824	1/4	2,602	1/4		1/4		1/4	
1/2	63,344	1/2	53,160	1/2	42,983	1/2	32,795	1/2	22,681	1/2	12,611	1/2	2,389	1/2		1/2		1/2	
3/4	63,132	3/4	52,948	3/4	42,770	3/4	32,582	3/4	22,474	3/4	12,398	3/4	2,176	3/4		3/4		3/4	
8	62,920	8	52,736	8	42,558	8	32,370	8	22,267	8	12,185	8	1,963	8		8		8	
1/4	62,707	1/4	52,524	1/4	42,346	1/4	32,158	1/4	22,060	1/4	11,972	1/4	1,750	1/4		1/4		1/4	
1/2	62,495	1/2	52,312	1/2	42,134	1/2	31,946	1/2	21,853	1/2	11,760	1/2	1,537	1/2		1/2		1/2	
3/4	62,282	3/4	52,101	3/4	41,921	3/4	31,733	3/4	21,646	3/4	11,547	3/4	1,335	3/4		3/4		3/4	
9	62,070	9	51,889	9	41,709	9	31,521	9	21,440	9	11,334	9	1,133	9		9		9	
1/4	61,858	1/4	51,677	1/4	41,497	1/4	31,309	1/4	21,233	1/4	11,121	1/4	931	1/4		1/4		1/4	
1/2	61,645	1/2	51,465	1/2	41,285	1/2	31,096	1/2	21,026	1/2	10,908	1/2	728	1/2		1/2		1/2	
3/4	61,433	3/4	51,254	3/4	41,072	3/4	30,884	3/4	20,819	3/4	10,695	3/4	600	3/4		3/4		3/4	
10	61,221	10	51,042	10	40,860	10	30,672	10	20,612	10	10,482	10	473	10		10		10	
1/4	61,008	1/4	50,830	1/4	40,648	1/4	30,460	1/4	20,405	1/4	10,269	1/4	345	1/4		1/4		1/4	
1/2	60,796	1/2	50,618	1/2	40,436	1/2	30,247	1/2	20,198	1/2	10,056	1/2	217	1/2		1/2		1/2	
3/4	60,583	3/4	50,406	3/4	40,223	3/4	30,035	3/4	19,991	3/4	9,843	3/4	175	3/4		3/4		3/4	
11	60,371	11	50,195	11	40,011	11	29,823	11	19,784	11	9,630	11	132	11		11		11	
1/4	60,159	1/4	49,983	1/4	39,799	1/4	29,611	1/4	19,578	1/4	9,417	1/4	89	1/4		1/4		1/4	
1/2	59,946	1/2	49,771	1/2	39,587	1/2	29,398	1/2	19,371	1/2	9,204	1/2	47	1/2		1/2		1/2	
3/4	59,734	3/4	49,559	3/4	39,374	3/4	29,186	3/4	19,163	3/4	8,991	3/4		3/4		3/4		3/4	

STRAPPED: 10/13/2009 CL - SW
CALCULATED: 10/13/2009 CL
PRINTED: 10/13/2009 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2009

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 85"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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		0		0		0	160,895	0	149,281	0	137,668	0	126,055	0	114,441	0	102,828	0	91,214
1/4	1/4		1/4		1/4		160,653	1/4	149,039	1/4	137,426	1/4	125,813	1/4	114,199	1/4	102,586	1/4	90,973
1/2	1/2		1/2		1/2		160,411	1/2	148,797	1/2	137,184	1/2	125,571	1/2	113,957	1/2	102,344	1/2	90,731
3/4	3/4		3/4		3/4		160,169	3/4	148,555	3/4	136,942	3/4	125,329	3/4	113,715	3/4	102,102	3/4	90,489
1		1		1		1	159,927	1	148,313	1	136,700	1	125,087	1	113,473	1	101,860	1	90,247
1/4	1/4		1/4		1/4		159,685	1/4	148,071	1/4	136,458	1/4	124,845	1/4	113,231	1/4	101,618	1/4	90,005
1/2	1/2		1/2		1/2		159,443	1/2	147,830	1/2	136,216	1/2	124,603	1/2	112,989	1/2	101,376	1/2	89,763
3/4	3/4		3/4		3/4		159,201	3/4	147,588	3/4	135,974	3/4	124,361	3/4	112,748	3/4	101,134	3/4	89,521
2		2		2		2	158,959	2	147,346	2	135,732	2	124,119	2	112,506	2	100,892	2	89,279
1/4	1/4		1/4		1/4		158,717	1/4	147,104	1/4	135,490	1/4	123,877	1/4	112,264	1/4	100,650	1/4	89,037
1/2	1/2		1/2		1/2		158,475	1/2	146,862	1/2	135,248	1/2	123,635	1/2	112,022	1/2	100,408	1/2	88,795
3/4	3/4		3/4		3/4		158,233	3/4	146,620	3/4	135,006	3/4	123,393	3/4	111,780	3/4	100,166	3/4	88,553
3		3		3		3	157,991	3	146,378	3	134,765	3	123,151	3	111,538	3	99,924	3	88,311
1/4	1/4		1/4		1/4		157,749	1/4	146,136	1/4	134,523	1/4	122,909	1/4	111,296	1/4	99,683	1/4	88,069
1/2	1/2		1/2		1/2	168,129	157,507	1/2	145,894	1/2	134,281	1/2	122,667	1/2	111,054	1/2	99,441	1/2	87,827
3/4	3/4		3/4		3/4	168,104	157,265	3/4	145,652	3/4	134,039	3/4	122,425	3/4	110,812	3/4	99,199	3/4	87,585
4		4		4		4	157,023	4	145,410	4	133,797	4	122,183	4	110,570	4	98,957	4	87,343
1/4	1/4		1/4		1/4		167,911	1/4	156,781	1/4	145,168	1/4	133,555	1/4	121,941	1/4	110,328	1/4	98,715
1/2	1/2		1/2		1/2		167,814	1/2	156,540	1/2	144,926	1/2	133,313	1/2	121,700	1/2	110,086	1/2	98,473
3/4	3/4		3/4		3/4		167,717	3/4	156,298	3/4	144,684	3/4	133,071	3/4	121,458	3/4	109,844	3/4	98,231
5		5		5		5	167,524	5	156,056	5	144,442	5	132,829	5	121,216	5	109,602	5	97,989
1/4	1/4		1/4		1/4		167,330	1/4	155,814	1/4	144,200	1/4	132,587	1/4	120,974	1/4	109,360	1/4	97,747
1/2	1/2		1/2		1/2		167,137	1/2	155,572	1/2	143,958	1/2	132,345	1/2	120,732	1/2	109,118	1/2	97,505
3/4	3/4		3/4		3/4		166,943	3/4	155,330	3/4	143,716	3/4	132,103	3/4	120,490	3/4	108,876	3/4	97,263
6		6		6		6	166,701	6	155,088	6	143,475	6	131,861	6	120,248	6	108,634	6	97,021
1/4	1/4		1/4		1/4		166,459	1/4	154,846	1/4	143,233	1/4	131,619	1/4	120,006	1/4	108,393	1/4	96,779
1/2	1/2		1/2		1/2		166,217	1/2	154,604	1/2	142,991	1/2	131,377	1/2	119,764	1/2	108,151	1/2	96,537
3/4	3/4		3/4		3/4		165,975	3/4	154,362	3/4	142,749	3/4	131,135	3/4	119,522	3/4	107,909	3/4	96,295
7		7		7		7	165,733	7	154,120	7	142,507	7	130,893	7	119,280	7	107,667	7	96,053
1/4	1/4		1/4		1/4		165,491	1/4	153,878	1/4	142,265	1/4	130,651	1/4	119,038	1/4	107,425	1/4	95,811
1/2	1/2		1/2		1/2		165,250	1/2	153,636	1/2	142,023	1/2	130,410	1/2	118,796	1/2	107,183	1/2	95,569
3/4	3/4		3/4		3/4		165,008	3/4	153,394	3/4	141,781	3/4	130,168	3/4	118,554	3/4	106,941	3/4	95,328
8		8		8		8	164,766	8	153,152	8	141,539	8	129,926	8	118,312	8	106,699	8	95,086
1/4	1/4		1/4		1/4		164,524	1/4	152,910	1/4	141,297	1/4	129,684	1/4	118,070	1/4	106,457	1/4	94,844
1/2	1/2		1/2		1/2		164,282	1/2	152,668	1/2	141,055	1/2	129,442	1/2	117,828	1/2	106,215	1/2	94,602
3/4	3/4		3/4		3/4		164,040	3/4	152,426	3/4	140,813	3/4	129,200	3/4	117,586	3/4	105,973	3/4	94,360
9		9		9		9	163,798	9	152,185	9	140,571	9	128,958	9	117,345	9	105,731	9	94,118
1/4	1/4		1/4		1/4		163,556	1/4	151,943	1/4	140,329	1/4	128,716	1/4	117,103	1/4	105,489	1/4	93,876
1/2	1/2		1/2		1/2		163,314	1/2	151,701	1/2	140,087	1/2	128,474	1/2	116,861	1/2	105,247	1/2	93,634
3/4	3/4		3/4		3/4		163,072	3/4	151,459	3/4	139,845	3/4	128,232	3/4	116,619	3/4	105,005	3/4	93,392
10		10		10		10	162,830	10	151,217	10	139,603	10	127,990	10	116,377	10	104,763	10	93,150
1/4	1/4		1/4		1/4		162,588	1/4	150,975	1/4	139,361	1/4	127,748	1/4	116,135	1/4	104,521	1/4	92,908
1/2	1/2		1/2		1/2		162,346	1/2	150,733	1/2	139,120	1/2	127,506	1/2	115,893	1/2	104,279	1/2	92,666
3/4	3/4		3/4		3/4		162,104	3/4	150,491	3/4	138,878	3/4	127,264	3/4	115,651	3/4	104,038	3/4	92,424
11		11		11		11	161,862	11	150,249	11	138,636	11	127,022	11	115,409	11	103,796	11	92,182
1/4	1/4		1/4		1/4		161,620	1/4	150,007	1/4	138,394	1/4	126,780	1/4	115,167	1/4	103,554	1/4	91,940
1/2	1/2		1/2		1/2		161,378	1/2	149,765	1/2	138,152	1/2	126,538	1/2	114,925	1/2	103,312	1/2	91,698
3/4	3/4		3/4		3/4		161,136	3/4	149,523	3/4	137,910	3/4	126,296	3/4	114,683	3/4	103,070	3/4	91,456

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 38'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "DBL 85"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	79,601	0	67,988	0	56,374	0	44,761	0	33,148	0	21,757	0	10,208	0	0	0	0	0	0
1/4	79,359	1/4	67,746	1/4	56,132	1/4	44,519	1/4	32,906	1/4	21,522	1/4	9,966	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,117	1/2	67,504	1/2	55,891	1/2	44,277	1/2	32,664	1/2	21,287	1/2	9,724	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,875	3/4	67,262	3/4	55,649	3/4	44,035	3/4	32,422	3/4	21,053	3/4	9,482	3/4	3/4	3/4	3/4	3/4	3/4
1	78,633	1	67,020	1	55,407	1	43,793	1	32,180	1	20,818	1	9,240	1	1	1	1	1	1
1/4	78,391	1/4	66,778	1/4	55,165	1/4	43,551	1/4	31,938	1/4	20,583	1/4	8,998	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,149	1/2	66,536	1/2	54,923	1/2	43,309	1/2	31,696	1/2	20,348	1/2	8,756	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,908	3/4	66,294	3/4	54,681	3/4	43,067	3/4	31,454	3/4	20,113	3/4	8,514	3/4	3/4	3/4	3/4	3/4	3/4
2	77,666	2	66,052	2	54,439	2	42,826	2	31,212	2	19,875	2	8,273	2	2	2	2	2	2
1/4	77,424	1/4	65,810	1/4	54,197	1/4	42,584	1/4	30,970	1/4	19,636	1/4	8,031	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,182	1/2	65,568	1/2	53,955	1/2	42,342	1/2	30,728	1/2	19,398	1/2	7,789	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,940	3/4	65,326	3/4	53,713	3/4	42,100	3/4	30,486	3/4	19,160	3/4	7,547	3/4	3/4	3/4	3/4	3/4	3/4
3	76,698	3	65,084	3	53,471	3	41,858	3	30,244	3	18,918	3	7,305	3	3	3	3	3	3
1/4	76,456	1/4	64,843	1/4	53,229	1/4	41,616	1/4	30,002	1/4	18,676	1/4	7,063	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,214	1/2	64,601	1/2	52,987	1/2	41,374	1/2	29,761	1/2	18,434	1/2	6,821	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,972	3/4	64,359	3/4	52,745	3/4	41,132	3/4	29,519	3/4	18,192	3/4	6,579	3/4	3/4	3/4	3/4	3/4	3/4
4	75,730	4	64,117	4	52,503	4	40,890	4	29,280	4	17,950	4	6,337	4	4	4	4	4	4
1/4	75,488	1/4	63,875	1/4	52,261	1/4	40,648	1/4	29,042	1/4	17,708	1/4	6,095	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,246	1/2	63,633	1/2	52,019	1/2	40,406	1/2	28,803	1/2	17,466	1/2	5,853	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,004	3/4	63,391	3/4	51,777	3/4	40,164	3/4	28,565	3/4	17,224	3/4	5,611	3/4	3/4	3/4	3/4	3/4	3/4
5	74,762	5	63,149	5	51,536	5	39,922	5	28,330	5	16,982	5	5,369	5	5	5	5	5	5
1/4	74,520	1/4	62,907	1/4	51,294	1/4	39,680	1/4	28,095	1/4	16,740	1/4	5,127	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,278	1/2	62,665	1/2	51,052	1/2	39,438	1/2	27,860	1/2	16,498	1/2	4,885	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,036	3/4	62,423	3/4	50,810	3/4	39,196	3/4	27,626	3/4	16,256	3/4	4,644	3/4	3/4	3/4	3/4	3/4	3/4
6	73,794	6	62,181	6	50,568	6	38,954	6	27,391	6	16,014	6	4,402	6	6	6	6	6	6
1/4	73,553	1/4	61,939	1/4	50,326	1/4	38,712	1/4	27,156	1/4	15,773	1/4	4,160	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,311	1/2	61,697	1/2	50,084	1/2	38,471	1/2	26,921	1/2	15,531	1/2	3,918	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,069	3/4	61,455	3/4	49,842	3/4	38,229	3/4	26,687	3/4	15,289	3/4	3,676	3/4	3/4	3/4	3/4	3/4	3/4
7	72,827	7	61,213	7	49,600	7	37,987	7	26,452	7	15,047	7	3,434	7	7	7	7	7	7
1/4	72,585	1/4	60,971	1/4	49,358	1/4	37,745	1/4	26,217	1/4	14,805	1/4	3,192	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,343	1/2	60,729	1/2	49,116	1/2	37,503	1/2	25,982	1/2	14,563	1/2	2,950	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,101	3/4	60,487	3/4	48,874	3/4	37,261	3/4	25,748	3/4	14,321	3/4	2,708	3/4	3/4	3/4	3/4	3/4	3/4
8	71,859	8	60,246	8	48,632	8	37,019	8	25,513	8	14,079	8	2,466	8	8	8	8	8	8
1/4	71,617	1/4	60,004	1/4	48,390	1/4	36,777	1/4	25,278	1/4	13,837	1/4	2,224	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,375	1/2	59,762	1/2	48,148	1/2	36,535	1/2	25,043	1/2	13,595	1/2	1,982	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,133	3/4	59,520	3/4	47,906	3/4	36,293	3/4	24,809	3/4	13,353	3/4	1,740	3/4	3/4	3/4	3/4	3/4	3/4
9	70,891	9	59,278	9	47,664	9	36,051	9	24,574	9	13,111	9	1,510	9	9	9	9	9	9
1/4	70,649	1/4	59,036	1/4	47,422	1/4	35,809	1/4	24,339	1/4	12,869	1/4	1,281	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,407	1/2	58,794	1/2	47,181	1/2	35,567	1/2	24,104	1/2	12,627	1/2	1,051	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,165	3/4	58,552	3/4	46,939	3/4	35,325	3/4	23,870	3/4	12,385	3/4	821	3/4	3/4	3/4	3/4	3/4	3/4
10	69,923	10	58,310	10	46,697	10	35,083	10	23,635	10	12,144	10	676	10	10	10	10	10	10
1/4	69,681	1/4	58,068	1/4	46,455	1/4	34,841	1/4	23,400	1/4	11,902	1/4	531	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,439	1/2	57,826	1/2	46,213	1/2	34,599	1/2	23,165	1/2	11,660	1/2	385	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,198	3/4	57,584	3/4	45,971	3/4	34,357	3/4	22,931	3/4	11,418	3/4	240	3/4	3/4	3/4	3/4	3/4	3/4
11	68,956	11	57,342	11	45,729	11	34,116	11	22,696	11	11,176	11	192	11	11	11	11	11	11
1/4	68,714	1/4	57,100	1/4	45,487	1/4	33,874	1/4	22,461	1/4	10,934	1/4	144	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,472	1/2	56,858	1/2	45,245	1/2	33,632	1/2	22,226	1/2	10,692	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,230	3/4	56,616	3/4	45,003	3/4	33,390	3/4	21,992	3/4	10,450	3/4	47	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/13/2009 CL - SW
CALCULATED: 10/13/2009 CL
PRINTED: 10/13/2009 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2009

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "DBL 85"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	
0		0		0		0	145,493	0	135,041	0	124,588	0	114,135	0	103,683	0	93,230	0	82,777
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,275	1/4	134,823	1/4	124,370	1/4	113,918	1/4	103,465	1/4	93,012	1/4	82,560
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,058	1/2	134,605	1/2	124,152	1/2	113,700	1/2	103,247	1/2	92,795	1/2	82,342
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,840	3/4	134,387	3/4	123,935	3/4	113,482	3/4	103,029	3/4	92,577	3/4	82,124
1		1		1		1	144,622	1	134,169	1	123,717	1	113,264	1	102,812	1	92,359	1	81,906
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,404	1/4	133,952	1/4	123,499	1/4	113,046	1/4	102,594	1/4	92,141	1/4	81,689
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,187	1/2	133,734	1/2	123,281	1/2	112,829	1/2	102,376	1/2	91,924	1/2	81,471
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,969	3/4	133,516	3/4	123,064	3/4	112,611	3/4	102,158	3/4	91,706	3/4	81,253
2		2		2		2	143,751	2	133,298	2	122,846	2	112,393	2	101,941	2	91,488	2	81,035
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,533	1/4	133,081	1/4	122,628	1/4	112,175	1/4	101,723	1/4	91,270	1/4	80,818
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,316	1/2	132,863	1/2	122,410	1/2	111,958	1/2	101,505	1/2	91,052	1/2	80,600
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,098	3/4	132,645	3/4	122,193	3/4	111,740	3/4	101,287	3/4	90,835	3/4	80,382
3		3		3		3	142,880	3	132,427	3	121,975	3	111,522	3	101,070	3	90,617	3	80,164
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,662	1/4	132,210	1/4	121,757	1/4	111,304	1/4	100,852	1/4	90,399	1/4	79,947
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,444	1/2	131,992	1/2	121,539	1/2	111,087	1/2	100,634	1/2	90,181	1/2	79,729
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,227	3/4	131,774	3/4	121,321	3/4	110,869	3/4	100,416	3/4	89,964	3/4	79,511
4		4		4		4	142,009	4	131,556	4	121,104	4	110,651	4	100,198	4	89,746	4	79,293
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,791	1/4	131,339	1/4	120,886	1/4	110,433	1/4	99,981	1/4	89,528	1/4	79,076
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,573	1/2	131,121	1/2	120,668	1/2	110,216	1/2	99,763	1/2	89,310	1/2	78,858
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,356	3/4	130,903	3/4	120,450	3/4	109,998	3/4	99,545	3/4	89,093	3/4	78,640
5		5		5		5	141,138	5	130,685	5	120,233	5	109,780	5	99,327	5	88,875	5	78,422
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,920	1/4	130,468	1/4	120,015	1/4	109,562	1/4	99,110	1/4	88,657	1/4	78,204
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,702	1/2	130,250	1/2	119,797	1/2	109,345	1/2	98,892	1/2	88,439	1/2	77,987
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,485	3/4	130,032	3/4	119,579	3/4	109,127	3/4	98,674	3/4	88,222	3/4	77,769
6		6		6		6	140,267	6	129,814	6	119,362	6	108,909	6	98,456	6	88,004	6	77,551
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,049	1/4	129,596	1/4	119,144	1/4	108,691	1/4	98,239	1/4	87,786	1/4	77,333
1/2	1/2	1/2	1/2	1/2	1/2	1/2	139,831	1/2	129,379	1/2	118,926	1/2	108,473	1/2	98,021	1/2	87,568	1/2	77,116
3/4	3/4	3/4	3/4	3/4	3/4	3/4	139,614	3/4	129,161	3/4	118,708	3/4	108,256	3/4	97,803	3/4	87,350	3/4	76,898
7		7		7		7	139,396	7	128,943	7	118,491	7	108,038	7	97,585	7	87,133	7	76,680
1/4	1/4	1/4	1/4	1/4	1/4	1/4	139,178	1/4	128,725	1/4	118,273	1/4	107,820	1/4	97,368	1/4	86,915	1/4	76,462
1/2	1/2	1/2	1/2	1/2	1/2	1/2	138,960	1/2	128,508	1/2	118,055	1/2	107,602	1/2	97,150	1/2	86,697	1/2	76,245
3/4	3/4	3/4	3/4	3/4	3/4	3/4	138,742	3/4	128,290	3/4	117,837	3/4	107,385	3/4	96,932	3/4	86,479	3/4	76,027
8		8		8		8	138,525	8	128,072	8	117,620	8	107,167	8	96,714	8	86,262	8	75,809
1/4	1/4	1/4	1/4	1/4	1/4	1/4	138,307	1/4	127,854	1/4	117,402	1/4	106,949	1/4	96,497	1/4	86,044	1/4	75,591
1/2	1/2	1/2	1/2	1/2	1/2	1/2	138,089	1/2	127,637	1/2	117,184	1/2	106,731	1/2	96,279	1/2	85,826	1/2	75,374
3/4	3/4	3/4	3/4	3/4	3/4	3/4	137,871	3/4	127,419	3/4	116,966	3/4	106,514	3/4	96,061	3/4	85,608	3/4	75,156
9		9		9		9	137,654	9	127,201	9	116,748	9	106,296	9	95,843	9	85,391	9	74,938
1/4	1/4	1/4	1/4	1/4	1/4	1/4	137,436	1/4	126,983	1/4	116,531	1/4	106,078	1/4	95,625	1/4	85,173	1/4	74,720
1/2	1/2	1/2	1/2	1/2	1/2	1/2	137,218	1/2	126,766	1/2	116,313	1/2	105,860	1/2	95,408	1/2	84,955	1/2	74,502
3/4	3/4	3/4	3/4	3/4	3/4	3/4	137,000	3/4	126,548	3/4	116,095	3/4	105,643	3/4	95,190	3/4	84,737	3/4	74,285
10		10		10		10	136,783	10	126,330	10	115,877	10	105,425	10	94,972	10	84,520	10	74,067
1/4	1/4	1/4	1/4	1/4	1/4	1/4	136,565	1/4	126,112	1/4	115,660	1/4	105,207	1/4	94,754	1/4	84,302	1/4	73,849
1/2	1/2	1/2	1/2	1/2	1/2	1/2	136,347	1/2	125,894	1/2	115,442	1/2	104,989	1/2	94,537	1/2	84,084	1/2	73,631
3/4	3/4	3/4	3/4	3/4	3/4	3/4	136,129	3/4	125,677	3/4	115,224	3/4	104,772	3/4	94,319	3/4	83,866	3/4	73,414
11		11		11		11	135,912	11	125,459	11	115,006	11	104,554	11	94,101	11	83,649	11	73,196
1/4	1/4	1/4	1/4	1/4	1/4	1/4	135,694	1/4	125,241	1/4	114,789	1/4	104,336	1/4	93,883	1/4	83,431	1/4	72,978
1/2	1/2	1/2	1/2	1/2	1/2	1/2	135,476	1/2	125,023	1/2	114,571	1/2	104,118	1/2	93,666	1/2	83,213	1/2	72,760
3/4	3/4	3/4	3/4	3/4	3/4	3/4	135,258	3/4	124,806	3/4	114,353	3/4	103,900	3/4	93,448	3/4	82,995	3/4	72,543

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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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