



BARGE "CBC 1343"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-1/8	- 01-1/8	01-3/8	- 01-3/8	01-5/8	- 01-5/8

(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 3 CENTER IS - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

January 20, 2012

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

<http://www.pmacorp.net>



BARGE "CBC 1343"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,102	0	18,905	0	29,558	0	40,240	0	51,015	0	61,790	0	72,542	0	83,296	0	94,074
1/4	58	1/4	8,327	1/4	19,130	1/4	29,776	1/4	40,464	1/4	51,239	1/4	62,015	1/4	72,765	1/4	83,521	1/4	94,299
1/2	77	1/2	8,552	1/2	19,355	1/2	29,995	1/2	40,689	1/2	51,464	1/2	62,239	1/2	72,988	1/2	83,745	1/2	94,524
3/4	96	3/4	8,777	3/4	19,580	3/4	30,214	3/4	40,913	3/4	51,688	3/4	62,464	3/4	73,212	3/4	83,970	3/4	94,748
1	114	1	9,002	1	19,805	1	30,432	1	41,138	1	51,913	1	62,688	1	73,435	1	84,194	1	94,973
1/4	171	1/4	9,227	1/4	20,030	1/4	30,651	1/4	41,362	1/4	52,137	1/4	62,913	1/4	73,658	1/4	84,419	1/4	95,197
1/2	227	1/2	9,452	1/2	20,256	1/2	30,870	1/2	41,587	1/2	52,362	1/2	63,137	1/2	73,881	1/2	84,643	1/2	95,422
3/4	283	3/4	9,677	3/4	20,481	3/4	31,088	3/4	41,811	3/4	52,586	3/4	63,362	3/4	74,104	3/4	84,868	3/4	95,646
2	339	2	9,903	2	20,706	2	31,307	2	42,036	2	52,811	2	63,586	2	74,327	2	85,092	2	95,871
1/4	433	1/4	10,128	1/4	20,931	1/4	31,526	1/4	42,260	1/4	53,035	1/4	63,811	1/4	74,550	1/4	85,317	1/4	96,095
1/2	527	1/2	10,353	1/2	21,156	1/2	31,744	1/2	42,485	1/2	53,260	1/2	64,035	1/2	74,773	1/2	85,541	1/2	96,320
3/4	621	3/4	10,578	3/4	21,381	3/4	31,963	3/4	42,709	3/4	53,484	3/4	64,260	3/4	74,997	3/4	85,766	3/4	96,545
3	715	3	10,803	3	21,606	3	32,182	3	42,934	3	53,709	3	64,484	3	75,220	3	85,991	3	96,769
1/4	846	1/4	11,028	1/4	21,831	1/4	32,400	1/4	43,158	1/4	53,933	1/4	64,708	1/4	75,443	1/4	86,215	1/4	96,994
1/2	977	1/2	11,253	1/2	22,056	1/2	32,619	1/2	43,383	1/2	54,158	1/2	64,933	1/2	75,666	1/2	86,440	1/2	97,218
3/4	1,108	3/4	11,478	3/4	22,281	3/4	32,838	3/4	43,607	3/4	54,382	3/4	65,157	3/4	75,889	3/4	86,664	3/4	97,443
4	1,240	4	11,703	4	22,506	4	33,056	4	43,832	4	54,607	4	65,382	4	76,112	4	86,889	4	97,667
1/4	1,408	1/4	11,928	1/4	22,731	1/4	33,281	1/4	44,056	1/4	54,831	1/4	65,606	1/4	76,336	1/4	87,113	1/4	97,892
1/2	1,577	1/2	12,153	1/2	22,956	1/2	33,505	1/2	44,281	1/2	55,056	1/2	65,831	1/2	76,560	1/2	87,338	1/2	98,116
3/4	1,746	3/4	12,378	3/4	23,181	3/4	33,730	3/4	44,505	3/4	55,280	3/4	66,055	3/4	76,784	3/4	87,562	3/4	98,341
5	1,915	5	12,603	5	23,406	5	33,954	5	44,729	5	55,505	5	66,280	5	77,008	5	87,787	5	98,566
1/4	2,120	1/4	12,828	1/4	23,632	1/4	34,179	1/4	44,954	1/4	55,729	1/4	66,504	1/4	77,232	1/4	88,012	1/4	98,790
1/2	2,326	1/2	13,053	1/2	23,857	1/2	34,403	1/2	45,178	1/2	55,954	1/2	66,729	1/2	77,457	1/2	88,236	1/2	99,015
3/4	2,532	3/4	13,279	3/4	24,082	3/4	34,628	3/4	45,403	3/4	56,178	3/4	66,953	3/4	77,681	3/4	88,461	3/4	99,239
6	2,737	6	13,504	6	24,307	6	34,852	6	45,627	6	56,403	6	67,178	6	77,906	6	88,685	6	99,464
1/4	2,958	1/4	13,729	1/4	24,526	1/4	35,077	1/4	45,852	1/4	56,627	1/4	67,402	1/4	78,131	1/4	88,910	1/4	99,688
1/2	3,179	1/2	13,954	1/2	24,745	1/2	35,301	1/2	46,076	1/2	56,852	1/2	67,626	1/2	78,355	1/2	89,134	1/2	99,913
3/4	3,399	3/4	14,179	3/4	24,964	3/4	35,526	3/4	46,301	3/4	57,076	3/4	67,849	3/4	78,580	3/4	89,359	3/4	100,137
7	3,620	7	14,404	7	25,183	7	35,750	7	46,525	7	57,301	7	68,073	7	78,804	7	89,583	7	100,362
1/4	3,842	1/4	14,629	1/4	25,402	1/4	35,975	1/4	46,750	1/4	57,525	1/4	68,297	1/4	79,029	1/4	89,808	1/4	100,586
1/2	4,065	1/2	14,854	1/2	25,621	1/2	36,199	1/2	46,974	1/2	57,749	1/2	68,521	1/2	79,253	1/2	90,033	1/2	100,811
3/4	4,287	3/4	15,079	3/4	25,840	3/4	36,424	3/4	47,199	3/4	57,974	3/4	68,745	3/4	79,478	3/4	90,257	3/4	101,036
8	4,510	8	15,304	8	26,059	8	36,648	8	47,423	8	58,198	8	68,969	8	79,703	8	90,482	8	101,260
1/4	4,734	1/4	15,529	1/4	26,278	1/4	36,873	1/4	47,648	1/4	58,423	1/4	69,193	1/4	79,927	1/4	90,706	1/4	101,485
1/2	4,957	1/2	15,754	1/2	26,496	1/2	37,097	1/2	47,872	1/2	58,647	1/2	69,417	1/2	80,152	1/2	90,931	1/2	101,709
3/4	5,181	3/4	15,979	3/4	26,715	3/4	37,322	3/4	48,097	3/4	58,872	3/4	69,641	3/4	80,376	3/4	91,155	3/4	101,934
9	5,405	9	16,204	9	26,934	9	37,546	9	48,321	9	59,096	9	69,865	9	80,601	9	91,380	9	102,158
1/4	5,629	1/4	16,429	1/4	27,152	1/4	37,770	1/4	48,546	1/4	59,321	1/4	70,088	1/4	80,826	1/4	91,604	1/4	102,383
1/2	5,854	1/2	16,655	1/2	27,371	1/2	37,995	1/2	48,770	1/2	59,545	1/2	70,311	1/2	81,050	1/2	91,829	1/2	102,607
3/4	6,078	3/4	16,880	3/4	27,590	3/4	38,219	3/4	48,995	3/4	59,770	3/4	70,534	3/4	81,275	3/4	92,054	3/4	102,832
10	6,302	10	17,105	10	27,808	10	38,444	10	49,219	10	59,994	10	70,757	10	81,499	10	92,278	10	103,057
1/4	6,527	1/4	17,330	1/4	28,027	1/4	38,668	1/4	49,444	1/4	60,219	1/4	70,980	1/4	81,724	1/4	92,503	1/4	103,281
1/2	6,752	1/2	17,555	1/2	28,246	1/2	38,893	1/2	49,668	1/2	60,443	1/2	71,203	1/2	81,948	1/2	92,727	1/2	103,506
3/4	6,977	3/4	17,780	3/4	28,464	3/4	39,117	3/4	49,893	3/4	60,668	3/4	71,426	3/4	82,173	3/4	92,952	3/4	103,730
11	7,202	11	18,005	11	28,683	11	39,342	11	50,117	11	60,892	11	71,650	11	82,398	11	93,176	11	103,955
1/4	7,427	1/4	18,230	1/4	28,902	1/4	39,566	1/4	50,342	1/4	61,117	1/4	71,873	1/4	82,622	1/4	93,401	1/4	104,179
1/2	7,652	1/2	18,455	1/2	29,120	1/2	39,791	1/2	50,566	1/2	61,341	1/2	72,096	1/2	82,847	1/2	93,625	1/2	104,404
3/4	7,877	3/4	18,680	3/4	29,339	3/4	40,015	3/4	50,791	3/4	61,566	3/4	72,319	3/4	83,071	3/4	93,850	3/4	104,628

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1343"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,853	0	114,967	0	124,440	0	133,870	0	143,284	0		0		0		0		0	
1/4	105,077	1/4	115,165	1/4	124,636	1/4	134,067	1/4	143,479	1/4		1/4		1/4		1/4		1/4	
1/2	105,302	1/2	115,362	1/2	124,833	1/2	134,263	1/2	143,673	1/2		1/2		1/2		1/2		1/2	
3/4	105,526	3/4	115,559	3/4	125,030	3/4	134,460	3/4	143,868	3/4		3/4		3/4		3/4		3/4	
1	105,750	1	115,757	1	125,227	1	134,657	1	144,063	1		1		1		1		1	
1/4	105,975	1/4	115,954	1/4	125,424	1/4	134,854	1/4	144,257	1/4		1/4		1/4		1/4		1/4	
1/2	106,199	1/2	116,151	1/2	125,620	1/2	135,051	1/2	144,452	1/2		1/2		1/2		1/2		1/2	
3/4	106,423	3/4	116,349	3/4	125,817	3/4	135,248	3/4	144,647	3/4		3/4		3/4		3/4		3/4	
2	106,647	2	116,546	2	126,014	2	135,444	2	144,842	2		2		2		2		2	
1/4	106,872	1/4	116,743	1/4	126,211	1/4	135,641	1/4	145,045	1/4		1/4		1/4		1/4		1/4	
1/2	107,096	1/2	116,941	1/2	126,408	1/2	135,838	1/2	145,249	1/2		1/2		1/2		1/2		1/2	
3/4	107,320	3/4	117,138	3/4	126,605	3/4	136,035	3/4	145,453	3/4		3/4		3/4		3/4		3/4	
3	107,545	3	117,335	3	126,801	3	136,232	3	145,656	3		3		3		3		3	
1/4	107,769	1/4	117,533	1/4	126,998	1/4	136,428	1/4	145,822	1/4		1/4		1/4		1/4		1/4	
1/2	107,993	1/2	117,730	1/2	127,195	1/2	136,625	1/2	145,989	1/2		1/2		1/2		1/2		1/2	
3/4	108,218	3/4	117,927	3/4	127,392	3/4	136,822	3/4	146,155	3/4		3/4		3/4		3/4		3/4	
4	108,442	4	118,125	4	127,589	4	137,019	4	146,321	4		4		4		4		4	
1/4	108,666	1/4	118,322	1/4	127,785	1/4	137,216	1/4	146,450	1/4		1/4		1/4		1/4		1/4	
1/2	108,890	1/2	118,519	1/2	127,982	1/2	137,413	1/2	146,578	1/2		1/2		1/2		1/2		1/2	
3/4	109,115	3/4	118,717	3/4	128,179	3/4	137,609	3/4	146,707	3/4		3/4		3/4		3/4		3/4	
5	109,339	5	118,914	5	128,376	5	137,806	5	146,835	5		5		5		5		5	
1/4	109,563	1/4	119,111	1/4	128,573	1/4	138,003	1/4	146,927	1/4		1/4		1/4		1/4		1/4	
1/2	109,788	1/2	119,309	1/2	128,770	1/2	138,200	1/2	147,018	1/2		1/2		1/2		1/2		1/2	
3/4	110,012	3/4	119,506	3/4	128,966	3/4	138,397	3/4	147,109	3/4		3/4		3/4		3/4		3/4	
6	110,236	6	119,703	6	129,163	6	138,593	6	147,200	6		6		6		6		6	
1/4	110,433	1/4	119,901	1/4	129,359	1/4	138,790	1/4	147,253	1/4		1/4		1/4		1/4		1/4	
1/2	110,631	1/2	120,098	1/2	129,555	1/2	138,987	1/2	147,307	1/2		1/2		1/2		1/2		1/2	
3/4	110,828	3/4	120,295	3/4	129,751	3/4	139,184	3/4	147,361	3/4		3/4		3/4		3/4		3/4	
7	111,025	7	120,493	7	129,948	7	139,381	7	147,414	7		7		7		7		7	
1/4	111,222	1/4	120,690	1/4	130,144	1/4	139,577	1/4	147,430	1/4		1/4		1/4		1/4		1/4	
1/2	111,419	1/2	120,887	1/2	130,340	1/2	139,774	1/2	147,446	1/2		1/2		1/2		1/2		1/2	
3/4	111,616	3/4	121,085	3/4	130,536	3/4	139,971	3/4	147,463	3/4		3/4		3/4		3/4		3/4	
8	111,813	8	121,282	8	130,732	8	140,168	8	147,479	8		8		8		8		8	
1/4	112,010	1/4	121,479	1/4	130,928	1/4	140,363	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,208	1/2	121,677	1/2	131,124	1/2	140,557	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,405	3/4	121,874	3/4	131,320	3/4	140,752	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,602	9	122,072	9	131,516	9	140,947	9		9		9		9		9		9	
1/4	112,799	1/4	122,269	1/4	131,713	1/4	141,142	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,996	1/2	122,466	1/2	131,909	1/2	141,336	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,193	3/4	122,664	3/4	132,105	3/4	141,531	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,390	10	122,861	10	132,301	10	141,726	10		10		10		10		10		10	
1/4	113,587	1/4	123,058	1/4	132,497	1/4	141,921	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,785	1/2	123,256	1/2	132,693	1/2	142,115	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,982	3/4	123,453	3/4	132,889	3/4	142,310	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,179	11	123,650	11	133,085	11	142,505	11		11		11		11		11		11	
1/4	114,376	1/4	123,848	1/4	133,281	1/4	142,700	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,573	1/2	124,045	1/2	133,478	1/2	142,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,770	3/4	124,242	3/4	133,674	3/4	143,089	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2012 CL - SW
CALCULATED: 01/20/2012 CL
PRINTED: 01/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1343"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,057	0	21,139	0	33,074	0	45,009	0	57,092	0	69,174	0	81,257	0	93,339	0	105,419
1/4	60	1/4	9,308	1/4	21,390	1/4	33,318	1/4	45,261	1/4	57,343	1/4	69,426	1/4	81,508	1/4	93,591	1/4	105,671
1/2	81	1/2	9,560	1/2	21,642	1/2	33,562	1/2	45,513	1/2	57,595	1/2	69,678	1/2	81,760	1/2	93,842	1/2	105,923
3/4	102	3/4	9,812	3/4	21,894	3/4	33,807	3/4	45,764	3/4	57,847	3/4	69,929	3/4	82,012	3/4	94,094	3/4	106,174
1	123	1	10,064	1	22,146	1	34,051	1	46,016	1	58,099	1	70,181	1	82,263	1	94,346	1	106,426
1/4	186	1/4	10,315	1/4	22,397	1/4	34,295	1/4	46,268	1/4	58,350	1/4	70,433	1/4	82,515	1/4	94,597	1/4	106,678
1/2	249	1/2	10,567	1/2	22,649	1/2	34,540	1/2	46,520	1/2	58,602	1/2	70,684	1/2	82,767	1/2	94,849	1/2	106,929
3/4	312	3/4	10,819	3/4	22,901	3/4	34,784	3/4	46,771	3/4	58,854	3/4	70,936	3/4	83,019	3/4	95,101	3/4	107,181
2	375	2	11,070	2	23,152	2	35,028	2	47,023	2	59,105	2	71,188	2	83,270	2	95,352	2	107,433
1/4	480	1/4	11,322	1/4	23,404	1/4	35,273	1/4	47,275	1/4	59,357	1/4	71,440	1/4	83,522	1/4	95,604	1/4	107,684
1/2	585	1/2	11,574	1/2	23,656	1/2	35,517	1/2	47,526	1/2	59,609	1/2	71,691	1/2	83,774	1/2	95,856	1/2	107,936
3/4	689	3/4	11,826	3/4	23,908	3/4	35,761	3/4	47,778	3/4	59,861	3/4	71,943	3/4	84,025	3/4	96,107	3/4	108,188
3	794	3	12,077	3	24,159	3	36,005	3	48,030	3	60,112	3	72,195	3	84,277	3	96,359	3	108,439
1/4	941	1/4	12,329	1/4	24,411	1/4	36,250	1/4	48,282	1/4	60,364	1/4	72,446	1/4	84,529	1/4	96,611	1/4	108,691
1/2	1,088	1/2	12,581	1/2	24,663	1/2	36,494	1/2	48,533	1/2	60,616	1/2	72,698	1/2	84,781	1/2	96,862	1/2	108,943
3/4	1,235	3/4	12,832	3/4	24,914	3/4	36,738	3/4	48,785	3/4	60,867	3/4	72,950	3/4	85,032	3/4	97,114	3/4	109,194
4	1,382	4	13,084	4	25,166	4	36,983	4	49,037	4	61,119	4	73,202	4	85,284	4	97,366	4	109,446
1/4	1,570	1/4	13,336	1/4	25,418	1/4	37,227	1/4	49,288	1/4	61,371	1/4	73,453	1/4	85,536	1/4	97,617	1/4	109,698
1/2	1,759	1/2	13,587	1/2	25,669	1/2	37,472	1/2	49,540	1/2	61,623	1/2	73,705	1/2	85,787	1/2	97,869	1/2	109,949
3/4	1,948	3/4	13,839	3/4	25,921	3/4	37,717	3/4	49,792	3/4	61,874	3/4	73,957	3/4	86,039	3/4	98,121	3/4	110,201
5	2,137	5	14,091	5	26,173	5	37,961	5	50,044	5	62,126	5	74,208	5	86,291	5	98,372	5	110,453
1/4	2,367	1/4	14,343	1/4	26,425	1/4	38,213	1/4	50,295	1/4	62,378	1/4	74,460	1/4	86,543	1/4	98,624	1/4	110,704
1/2	2,597	1/2	14,594	1/2	26,676	1/2	38,465	1/2	50,547	1/2	62,629	1/2	74,712	1/2	86,794	1/2	98,876	1/2	110,956
3/4	2,827	3/4	14,846	3/4	26,928	3/4	38,716	3/4	50,799	3/4	62,881	3/4	74,964	3/4	87,046	3/4	99,127	3/4	111,208
6	3,057	6	15,098	6	27,180	6	38,968	6	51,051	6	63,133	6	75,215	6	87,298	6	99,379	6	111,459
1/4	3,304	1/4	15,349	1/4	27,431	1/4	39,220	1/4	51,302	1/4	63,385	1/4	75,467	1/4	87,549	1/4	99,631	1/4	111,711
1/2	3,550	1/2	15,601	1/2	27,683	1/2	39,472	1/2	51,554	1/2	63,636	1/2	75,719	1/2	87,801	1/2	99,882	1/2	111,963
3/4	3,797	3/4	15,853	3/4	27,935	3/4	39,723	3/4	51,806	3/4	63,888	3/4	75,970	3/4	88,053	3/4	100,134	3/4	112,214
7	4,044	7	16,105	7	28,187	7	39,975	7	52,057	7	64,140	7	76,222	7	88,305	7	100,386	7	112,466
1/4	4,293	1/4	16,356	1/4	28,431	1/4	40,227	1/4	52,309	1/4	64,391	1/4	76,474	1/4	88,556	1/4	100,637	1/4	112,718
1/2	4,542	1/2	16,608	1/2	28,676	1/2	40,478	1/2	52,561	1/2	64,643	1/2	76,726	1/2	88,808	1/2	100,889	1/2	112,969
3/4	4,791	3/4	16,860	3/4	28,920	3/4	40,730	3/4	52,813	3/4	64,895	3/4	76,977	3/4	89,060	3/4	101,141	3/4	113,221
8	5,039	8	17,111	8	29,165	8	40,982	8	53,064	8	65,147	8	77,229	8	89,311	8	101,392	8	113,473
1/4	5,290	1/4	17,363	1/4	29,409	1/4	41,234	1/4	53,316	1/4	65,398	1/4	77,481	1/4	89,563	1/4	101,644	1/4	113,724
1/2	5,540	1/2	17,615	1/2	29,654	1/2	41,485	1/2	53,568	1/2	65,650	1/2	77,732	1/2	89,815	1/2	101,896	1/2	113,976
3/4	5,790	3/4	17,867	3/4	29,898	3/4	41,737	3/4	53,819	3/4	65,902	3/4	77,984	3/4	90,067	3/4	102,148	3/4	114,228
9	6,040	9	18,118	9	30,142	9	41,989	9	54,071	9	66,154	9	78,236	9	90,318	9	102,399	9	114,480
1/4	6,291	1/4	18,370	1/4	30,387	1/4	42,240	1/4	54,323	1/4	66,405	1/4	78,488	1/4	90,570	1/4	102,651	1/4	114,731
1/2	6,542	1/2	18,622	1/2	30,631	1/2	42,492	1/2	54,575	1/2	66,657	1/2	78,739	1/2	90,822	1/2	102,903	1/2	114,983
3/4	6,793	3/4	18,873	3/4	30,875	3/4	42,744	3/4	54,826	3/4	66,909	3/4	78,991	3/4	91,073	3/4	103,154	3/4	115,235
10	7,044	10	19,125	10	31,120	10	42,996	10	55,078	10	67,160	10	79,243	10	91,325	10	103,406	10	115,486
1/4	7,296	1/4	19,377	1/4	31,364	1/4	43,247	1/4	55,330	1/4	67,412	1/4	79,495	1/4	91,577	1/4	103,658	1/4	115,738
1/2	7,547	1/2	19,628	1/2	31,608	1/2	43,499	1/2	55,581	1/2	67,664	1/2	79,746	1/2	91,829	1/2	103,909	1/2	115,990
3/4	7,799	3/4	19,880	3/4	31,852	3/4	43,751	3/4	55,833	3/4	67,916	3/4	79,998	3/4	92,080	3/4	104,161	3/4	116,241
11	8,050	11	20,132	11	32,097	11	44,002	11	56,085	11	68,167	11	80,250	11	92,332	11	104,413	11	116,493
1/4	8,302	1/4	20,384	1/4	32,341	1/4	44,254	1/4	56,337	1/4	68,419	1/4	80,501	1/4	92,584	1/4	104,664	1/4	116,745
1/2	8,553	1/2	20,635	1/2	32,585	1/2	44,506	1/2	56,588	1/2	68,671	1/2	80,753	1/2	92,836	1/2	104,916	1/2	116,996
3/4	8,805	3/4	20,887	3/4	32,830	3/4	44,758	3/4	56,840	3/4	68,922	3/4	81,005	3/4	93,087	3/4	105,168	3/4	117,248

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1343"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	117,500	0	129,580	0	141,660	0	153,673	0	165,650	0		0		0		0		0	
1/4	117,751	1/4	129,832	1/4	141,911	1/4	153,924	1/4	165,898	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,003	1/2	130,083	1/2	142,161	1/2	154,174	1/2	166,145	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,255	3/4	130,335	3/4	142,411	3/4	154,424	3/4	166,393	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,506	1	130,587	1	142,661	1	154,675	1	166,641	1	1	1	1	1	1	1	1	1	1
1/4	118,758	1/4	130,838	1/4	142,912	1/4	154,925	1/4	166,889	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,010	1/2	131,090	1/2	143,162	1/2	155,175	1/2	167,137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,261	3/4	131,342	3/4	143,412	3/4	155,425	3/4	167,385	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,513	2	131,593	2	143,662	2	155,676	2	167,633	2	2	2	2	2	2	2	2	2	2
1/4	119,765	1/4	131,845	1/4	143,913	1/4	155,926	1/4	167,860	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,016	1/2	132,097	1/2	144,163	1/2	156,176	1/2	168,087	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,268	3/4	132,348	3/4	144,413	3/4	156,426	3/4	168,314	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,520	3	132,600	3	144,664	3	156,677	3	168,541	3	3	3	3	3	3	3	3	3	3
1/4	120,771	1/4	132,852	1/4	144,914	1/4	156,927	1/4	168,726	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,023	1/2	133,103	1/2	145,164	1/2	157,177	1/2	168,911	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,275	3/4	133,355	3/4	145,414	3/4	157,428	3/4	169,096	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,526	4	133,607	4	145,665	4	157,678	4	169,281	4	4	4	4	4	4	4	4	4	4
1/4	121,778	1/4	133,858	1/4	145,915	1/4	157,928	1/4	169,424	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,030	1/2	134,110	1/2	146,165	1/2	158,178	1/2	169,568	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,281	3/4	134,362	3/4	146,415	3/4	158,429	3/4	169,711	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,533	5	134,613	5	146,666	5	158,679	5	169,854	5	5	5	5	5	5	5	5	5	5
1/4	122,785	1/4	134,865	1/4	146,916	1/4	158,929	1/4	169,955	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	135,117	1/2	147,166	1/2	159,179	1/2	170,056	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,288	3/4	135,368	3/4	147,417	3/4	159,430	3/4	170,157	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,540	6	135,620	6	147,667	6	159,680	6	170,258	6	6	6	6	6	6	6	6	6	6
1/4	123,791	1/4	135,872	1/4	147,917	1/4	159,930	1/4	170,317	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,043	1/2	136,123	1/2	148,167	1/2	160,181	1/2	170,377	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,295	3/4	136,375	3/4	148,418	3/4	160,431	3/4	170,436	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,546	7	136,627	7	148,668	7	160,681	7	170,495	7	7	7	7	7	7	7	7	7	7
1/4	124,798	1/4	136,878	1/4	148,918	1/4	160,931	1/4	170,512	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,050	1/2	137,130	1/2	149,168	1/2	161,182	1/2	170,529	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,301	3/4	137,382	3/4	149,419	3/4	161,432	3/4	170,547	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,553	8	137,633	8	149,669	8	161,682	8	170,564	8	8	8	8	8	8	8	8	8	8
1/4	125,805	1/4	137,885	1/4	149,919	1/4	161,930	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,056	1/2	138,137	1/2	150,170	1/2	162,178	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,308	3/4	138,388	3/4	150,420	3/4	162,426	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,560	9	138,640	9	150,670	9	162,674	9		9	9	9	9	9	9	9	9	9	9
1/4	126,812	1/4	138,892	1/4	150,920	1/4	162,922	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,063	1/2	139,144	1/2	151,171	1/2	163,170	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,315	3/4	139,395	3/4	151,421	3/4	163,418	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,567	10	139,647	10	151,671	10	163,666	10		10	10	10	10	10	10	10	10	10	10
1/4	127,818	1/4	139,899	1/4	151,921	1/4	163,914	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,070	1/2	140,150	1/2	152,172	1/2	164,162	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,322	3/4	140,402	3/4	152,422	3/4	164,410	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,573	11	140,654	11	152,672	11	164,658	11		11	11	11	11	11	11	11	11	11	11
1/4	128,825	1/4	140,905	1/4	152,923	1/4	164,906	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,077	1/2	141,157	1/2	153,173	1/2	165,154	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,328	3/4	141,409	3/4	153,423	3/4	165,402	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: 01/20/2012 CL - SW
CALCULATED: 01/20/2012 CL
PRINTED: 01/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "CBC 1343"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,043	0	18,766	0	29,475	0	40,188	0	50,912	0	61,636	0	72,359	0	83,083	0	93,805
1/4	58	1/4	8,266	1/4	18,990	1/4	29,698	1/4	40,411	1/4	51,135	1/4	61,859	1/4	72,583	1/4	83,307	1/4	94,029
1/2	77	1/2	8,490	1/2	19,213	1/2	29,921	1/2	40,635	1/2	51,359	1/2	62,082	1/2	72,806	1/2	83,530	1/2	94,252
3/4	95	3/4	8,713	3/4	19,436	3/4	30,144	3/4	40,858	3/4	51,582	3/4	62,306	3/4	73,030	3/4	83,753	3/4	94,476
1	114	1	8,936	1	19,660	1	30,366	1	41,082	1	51,805	1	62,529	1	73,253	1	83,977	1	94,699
1/4	170	1/4	9,160	1/4	19,883	1/4	30,589	1/4	41,305	1/4	52,029	1/4	62,753	1/4	73,477	1/4	84,200	1/4	94,922
1/2	225	1/2	9,383	1/2	20,107	1/2	30,812	1/2	41,528	1/2	52,252	1/2	62,976	1/2	73,700	1/2	84,424	1/2	95,146
3/4	281	3/4	9,607	3/4	20,330	3/4	31,034	3/4	41,752	3/4	52,476	3/4	63,199	3/4	73,923	3/4	84,647	3/4	95,369
2	337	2	9,830	2	20,553	2	31,257	2	41,975	2	52,699	2	63,423	2	74,147	2	84,870	2	95,592
1/4	430	1/4	10,053	1/4	20,777	1/4	31,480	1/4	42,199	1/4	52,922	1/4	63,646	1/4	74,370	1/4	85,094	1/4	95,816
1/2	523	1/2	10,277	1/2	21,000	1/2	31,702	1/2	42,422	1/2	53,146	1/2	63,870	1/2	74,594	1/2	85,317	1/2	96,039
3/4	616	3/4	10,500	3/4	21,224	3/4	31,925	3/4	42,645	3/4	53,369	3/4	64,093	3/4	74,817	3/4	85,540	3/4	96,263
3	709	3	10,724	3	21,447	3	32,148	3	42,869	3	53,593	3	64,317	3	75,040	3	85,764	3	96,486
1/4	840	1/4	10,947	1/4	21,670	1/4	32,371	1/4	43,092	1/4	53,816	1/4	64,540	1/4	75,264	1/4	85,987	1/4	96,709
1/2	970	1/2	11,170	1/2	21,894	1/2	32,593	1/2	43,316	1/2	54,040	1/2	64,763	1/2	75,487	1/2	86,211	1/2	96,933
3/4	1,100	3/4	11,394	3/4	22,117	3/4	32,816	3/4	43,539	3/4	54,263	3/4	64,987	3/4	75,711	3/4	86,434	3/4	97,156
4	1,231	4	11,617	4	22,341	4	33,039	4	43,762	4	54,486	4	65,210	4	75,934	4	86,657	4	97,379
1/4	1,398	1/4	11,841	1/4	22,564	1/4	33,262	1/4	43,986	1/4	54,710	1/4	65,434	1/4	76,158	1/4	86,881	1/4	97,603
1/2	1,566	1/2	12,064	1/2	22,788	1/2	33,485	1/2	44,209	1/2	54,933	1/2	65,657	1/2	76,381	1/2	87,104	1/2	97,826
3/4	1,733	3/4	12,287	3/4	23,011	3/4	33,709	3/4	44,433	3/4	55,157	3/4	65,880	3/4	76,604	3/4	87,327	3/4	98,050
5	1,901	5	12,511	5	23,234	5	33,932	5	44,656	5	55,380	5	66,104	5	76,828	5	87,551	5	98,273
1/4	2,105	1/4	12,734	1/4	23,458	1/4	34,156	1/4	44,880	1/4	55,603	1/4	66,327	1/4	77,051	1/4	87,774	1/4	98,496
1/2	2,309	1/2	12,958	1/2	23,681	1/2	34,379	1/2	45,103	1/2	55,827	1/2	66,551	1/2	77,275	1/2	87,998	1/2	98,720
3/4	2,514	3/4	13,181	3/4	23,905	3/4	34,603	3/4	45,326	3/4	56,050	3/4	66,774	3/4	77,498	3/4	88,221	3/4	98,943
6	2,718	6	13,405	6	24,128	6	34,826	6	45,550	6	56,274	6	66,998	6	77,721	6	88,444	6	99,166
1/4	2,937	1/4	13,628	1/4	24,351	1/4	35,049	1/4	45,773	1/4	56,497	1/4	67,221	1/4	77,945	1/4	88,668	1/4	99,390
1/2	3,156	1/2	13,851	1/2	24,574	1/2	35,273	1/2	45,997	1/2	56,720	1/2	67,444	1/2	78,168	1/2	88,891	1/2	99,613
3/4	3,375	3/4	14,075	3/4	24,797	3/4	35,496	3/4	46,220	3/4	56,944	3/4	67,668	3/4	78,392	3/4	89,114	3/4	99,837
7	3,594	7	14,298	7	25,020	7	35,720	7	46,443	7	57,167	7	67,891	7	78,615	7	89,338	7	100,060
1/4	3,814	1/4	14,522	1/4	25,243	1/4	35,943	1/4	46,667	1/4	57,391	1/4	68,115	1/4	78,838	1/4	89,561	1/4	100,283
1/2	4,035	1/2	14,745	1/2	25,466	1/2	36,166	1/2	46,890	1/2	57,614	1/2	68,338	1/2	79,062	1/2	89,785	1/2	100,507
3/4	4,256	3/4	14,968	3/4	25,689	3/4	36,390	3/4	47,114	3/4	57,838	3/4	68,561	3/4	79,285	3/4	90,008	3/4	100,730
8	4,477	8	15,192	8	25,912	8	36,613	8	47,337	8	58,061	8	68,785	8	79,509	8	90,231	8	100,953
1/4	4,699	1/4	15,415	1/4	26,135	1/4	36,837	1/4	47,561	1/4	58,284	1/4	69,008	1/4	79,732	1/4	90,455	1/4	101,177
1/2	4,921	1/2	15,639	1/2	26,358	1/2	37,060	1/2	47,784	1/2	58,508	1/2	69,232	1/2	79,956	1/2	90,678	1/2	101,400
3/4	5,143	3/4	15,862	3/4	26,580	3/4	37,283	3/4	48,007	3/4	58,731	3/4	69,455	3/4	80,179	3/4	90,901	3/4	101,624
9	5,365	9	16,085	9	26,803	9	37,507	9	48,231	9	58,955	9	69,678	9	80,402	9	91,125	9	101,847
1/4	5,588	1/4	16,309	1/4	27,026	1/4	37,730	1/4	48,454	1/4	59,178	1/4	69,902	1/4	80,626	1/4	91,348	1/4	102,070
1/2	5,811	1/2	16,532	1/2	27,249	1/2	37,954	1/2	48,678	1/2	59,401	1/2	70,125	1/2	80,849	1/2	91,572	1/2	102,294
3/4	6,034	3/4	16,756	3/4	27,471	3/4	38,177	3/4	48,901	3/4	59,625	3/4	70,349	3/4	81,073	3/4	91,795	3/4	102,517
10	6,256	10	16,979	10	27,694	10	38,401	10	49,124	10	59,848	10	70,572	10	81,296	10	92,018	10	102,740
1/4	6,480	1/4	17,202	1/4	27,917	1/4	38,624	1/4	49,348	1/4	60,072	1/4	70,796	1/4	81,519	1/4	92,242	1/4	102,964
1/2	6,703	1/2	17,426	1/2	28,139	1/2	38,847	1/2	49,571	1/2	60,295	1/2	71,019	1/2	81,743	1/2	92,465	1/2	103,187
3/4	6,926	3/4	17,649	3/4	28,362	3/4	39,071	3/4	49,795	3/4	60,519	3/4	71,242	3/4	81,966	3/4	92,689	3/4	103,411
11	7,149	11	17,873	11	28,585	11	39,294	11	50,018	11	60,742	11	71,466	11	82,190	11	92,912	11	103,634
1/4	7,373	1/4	18,096	1/4	28,807	1/4	39,518	1/4	50,241	1/4	60,965	1/4	71,689	1/4	82,413	1/4	93,135	1/4	103,857
1/2	7,596	1/2	18,319	1/2	29,030	1/2	39,741	1/2	50,465	1/2	61,189	1/2	71,913	1/2	82,637	1/2	93,359	1/2	104,081
3/4	7,819	3/4	18,543	3/4	29,253	3/4	39,964	3/4	50,688	3/4	61,412	3/4	72,136	3/4	82,860	3/4	93,582	3/4	104,304

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 1343"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	104,527	0	115,249	0	125,972	0	136,635	0	147,265	0		0		0		0		0	
1/4	104,751	1/4	115,473	1/4	126,194	1/4	136,857	1/4	147,485	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,974	1/2	115,696	1/2	126,416	1/2	137,079	1/2	147,705	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,198	3/4	115,920	3/4	126,638	3/4	137,301	3/4	147,926	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,421	1	116,143	1	126,860	1	137,523	1	148,146	1	1	1	1	1	1	1	1	1	1
1/4	105,644	1/4	116,366	1/4	127,082	1/4	137,746	1/4	148,366	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,868	1/2	116,590	1/2	127,304	1/2	137,968	1/2	148,586	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,091	3/4	116,813	3/4	127,527	3/4	138,190	3/4	148,806	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,314	2	117,036	2	127,749	2	138,412	2	149,026	2	2	2	2	2	2	2	2	2	2
1/4	106,538	1/4	117,260	1/4	127,971	1/4	138,634	1/4	149,227	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,761	1/2	117,483	1/2	128,193	1/2	138,856	1/2	149,429	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,985	3/4	117,707	3/4	128,415	3/4	139,078	3/4	149,630	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,208	3	117,930	3	128,637	3	139,301	3	149,832	3	3	3	3	3	3	3	3	3	3
1/4	107,431	1/4	118,153	1/4	128,859	1/4	139,523	1/4	149,996	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,655	1/2	118,377	1/2	129,082	1/2	139,745	1/2	150,160	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,878	3/4	118,600	3/4	129,304	3/4	139,967	3/4	150,325	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,101	4	118,823	4	129,526	4	140,189	4	150,489	4	4	4	4	4	4	4	4	4	4
1/4	108,325	1/4	119,047	1/4	129,748	1/4	140,411	1/4	150,616	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,548	1/2	119,270	1/2	129,970	1/2	140,634	1/2	150,743	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,772	3/4	119,494	3/4	130,192	3/4	140,856	3/4	150,870	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,995	5	119,717	5	130,415	5	141,078	5	150,997	5	5	5	5	5	5	5	5	5	5
1/4	109,218	1/4	119,940	1/4	130,637	1/4	141,300	1/4	151,087	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,442	1/2	120,164	1/2	130,859	1/2	141,522	1/2	151,176	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,665	3/4	120,387	3/4	131,081	3/4	141,744	3/4	151,266	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,888	6	120,611	6	131,303	6	141,966	6	151,356	6	6	6	6	6	6	6	6	6	6
1/4	110,112	1/4	120,834	1/4	131,525	1/4	142,189	1/4	151,409	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,335	1/2	121,057	1/2	131,747	1/2	142,411	1/2	151,461	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,559	3/4	121,281	3/4	131,970	3/4	142,633	3/4	151,514	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,782	7	121,504	7	132,192	7	142,855	7	151,566	7	7	7	7	7	7	7	7	7	7
1/4	111,005	1/4	121,727	1/4	132,414	1/4	143,077	1/4	151,581	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,229	1/2	121,951	1/2	132,636	1/2	143,299	1/2	151,597	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,452	3/4	122,174	3/4	132,858	3/4	143,521	3/4	151,612	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,675	8	122,398	8	133,080	8	143,744	8	151,627	8	8	8	8	8	8	8	8	8	8
1/4	111,899	1/4	122,621	1/4	133,303	1/4	143,966	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,122	1/2	122,844	1/2	133,525	1/2	144,184	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,346	3/4	123,068	3/4	133,747	3/4	144,404	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,569	9	123,291	9	133,969	9	144,624	9		9	9	9	9	9	9	9	9	9	9
1/4	112,792	1/4	123,514	1/4	134,191	1/4	144,844	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,016	1/2	123,738	1/2	134,413	1/2	145,064	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,239	3/4	123,961	3/4	134,635	3/4	145,284	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,462	10	124,185	10	134,858	10	145,504	10		10	10	10	10	10	10	10	10	10	10
1/4	113,686	1/4	124,408	1/4	135,080	1/4	145,725	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,909	1/2	124,631	1/2	135,302	1/2	145,945	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,133	3/4	124,855	3/4	135,524	3/4	146,165	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,356	11	125,078	11	135,746	11	146,385	11		11	11	11	11	11	11	11	11	11	11
1/4	114,579	1/4	125,301	1/4	135,968	1/4	146,605	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,803	1/2	125,525	1/2	136,190	1/2	146,825	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,026	3/4	125,748	3/4	136,413	3/4	147,045	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: 01/20/2012 CL - SW
CALCULATED: 01/20/2012 CL
PRINTED: 01/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 1343"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8

(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 3 CENTER IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

January 20, 2012

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
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 Pearland, Texas 77588

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BARGE "CBC 1343"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

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		0		0	147,446	0	139,774	0	130,340	0	120,887	0	111,419	0	100,811	0	90,033	0	79,253	
1/4	1/4	1/4	1/4	1/4	147,430	1/4	139,577	1/4	130,144	1/4	120,690	1/4	111,222	1/4	100,586	1/4	89,808	1/4	79,029	
1/2	1/2	1/2	1/2	1/2	147,414	1/2	139,381	1/2	129,948	1/2	120,493	1/2	111,025	1/2	100,362	1/2	89,583	1/2	78,804	
3/4	3/4	3/4	3/4	3/4	147,361	3/4	139,184	3/4	129,751	3/4	120,295	3/4	110,828	3/4	100,137	3/4	89,359	3/4	78,580	
1		1		1	147,307	1	138,987	1	129,555	1	120,098	1	110,631	1	99,913	1	89,134	1	78,355	
1/4	1/4	1/4	1/4	1/4	147,253	1/4	138,790	1/4	129,359	1/4	119,901	1/4	110,433	1/4	99,688	1/4	88,910	1/4	78,131	
1/2	1/2	1/2	1/2	1/2	147,200	1/2	138,593	1/2	129,163	1/2	119,703	1/2	110,236	1/2	99,464	1/2	88,685	1/2	77,906	
3/4	3/4	3/4	3/4	3/4	147,109	3/4	138,397	3/4	128,966	3/4	119,506	3/4	110,012	3/4	99,239	3/4	88,461	3/4	77,681	
2		2		2	147,018	2	138,200	2	128,770	2	119,309	2	109,788	2	99,015	2	88,236	2	77,457	
1/4	1/4	1/4	1/4	1/4	146,927	1/4	138,003	1/4	128,573	1/4	119,111	1/4	109,563	1/4	98,790	1/4	88,012	1/4	77,232	
1/2	1/2	1/2	1/2	1/2	146,835	1/2	137,806	1/2	128,376	1/2	118,914	1/2	109,339	1/2	98,566	1/2	87,787	1/2	77,008	
3/4	3/4	3/4	3/4	3/4	146,707	3/4	137,609	3/4	128,179	3/4	118,717	3/4	109,115	3/4	98,341	3/4	87,562	3/4	76,784	
3		3		3	146,578	3	137,413	3	127,982	3	118,519	3	108,890	3	98,116	3	87,338	3	76,560	
1/4	1/4	1/4	1/4	1/4	146,450	1/4	137,216	1/4	127,785	1/4	118,322	1/4	108,666	1/4	97,892	1/4	87,113	1/4	76,336	
1/2	1/2	1/2	1/2	1/2	146,321	1/2	137,019	1/2	127,589	1/2	118,125	1/2	108,442	1/2	97,667	1/2	86,889	1/2	76,112	
3/4	3/4	3/4	3/4	3/4	146,155	3/4	136,822	3/4	127,392	3/4	117,927	3/4	108,218	3/4	97,443	3/4	86,664	3/4	75,889	
4		4		4	145,989	4	136,625	4	127,195	4	117,730	4	107,993	4	97,218	4	86,440	4	75,666	
1/4	1/4	1/4	1/4	1/4	145,822	1/4	136,428	1/4	126,998	1/4	117,533	1/4	107,769	1/4	96,994	1/4	86,215	1/4	75,443	
1/2	1/2	1/2	1/2	1/2	145,656	1/2	136,232	1/2	126,801	1/2	117,335	1/2	107,545	1/2	96,769	1/2	85,991	1/2	75,220	
3/4	3/4	3/4	3/4	3/4	145,453	3/4	136,035	3/4	126,605	3/4	117,138	3/4	107,320	3/4	96,545	3/4	85,766	3/4	74,997	
5		5		5	145,249	5	135,838	5	126,408	5	116,941	5	107,096	5	96,320	5	85,541	5	74,773	
1/4	1/4	1/4	1/4	1/4	145,045	1/4	135,641	1/4	126,211	1/4	116,743	1/4	106,872	1/4	96,095	1/4	85,317	1/4	74,550	
1/2	1/2	1/2	1/2	1/2	144,842	1/2	135,444	1/2	126,014	1/2	116,546	1/2	106,647	1/2	95,871	1/2	85,092	1/2	74,327	
3/4	3/4	3/4	3/4	3/4	144,647	3/4	135,248	3/4	125,817	3/4	116,349	3/4	106,423	3/4	95,646	3/4	84,868	3/4	74,104	
6		6		6	144,452	6	135,051	6	125,620	6	116,151	6	106,199	6	95,422	6	84,643	6	73,881	
1/4	1/4	1/4	1/4	1/4	144,257	1/4	134,854	1/4	125,424	1/4	115,954	1/4	105,975	1/4	95,197	1/4	84,419	1/4	73,658	
1/2	1/2	1/2	1/2	1/2	144,063	1/2	134,657	1/2	125,227	1/2	115,757	1/2	105,750	1/2	94,973	1/2	84,194	1/2	73,435	
3/4	3/4	3/4	3/4	3/4	143,868	3/4	134,460	3/4	125,030	3/4	115,559	3/4	105,526	3/4	94,748	3/4	83,970	3/4	73,212	
7		7		7	143,673	7	134,263	7	124,833	7	115,362	7	105,302	7	94,524	7	83,745	7	72,988	
1/4	1/4	1/4	1/4	1/4	143,479	1/4	134,067	1/4	124,636	1/4	115,165	1/4	105,077	1/4	94,299	1/4	83,521	1/4	72,765	
1/2	1/2	1/2	1/2	1/2	143,284	1/2	133,870	1/2	124,440	1/2	114,967	1/2	104,853	1/2	94,074	1/2	83,296	1/2	72,542	
3/4	3/4	3/4	3/4	3/4	143,089	3/4	133,674	3/4	124,242	3/4	114,770	3/4	104,628	3/4	93,850	3/4	83,071	3/4	72,319	
8		8		8	142,894	8	133,478	8	124,045	8	114,573	8	104,404	8	93,625	8	82,847	8	72,096	
1/4	1/4	1/4	1/4	1/4	142,700	1/4	133,281	1/4	123,848	1/4	114,376	1/4	104,179	1/4	93,401	1/4	82,622	1/4	71,873	
1/2	1/2	1/2	1/2	1/2	142,505	1/2	133,085	1/2	123,650	1/2	114,179	1/2	103,955	1/2	93,176	1/2	82,398	1/2	71,650	
3/4	3/4	3/4	3/4	3/4	142,310	3/4	132,889	3/4	123,453	3/4	113,982	3/4	103,730	3/4	92,952	3/4	82,173	3/4	71,426	
9		9		9	142,115	9	132,693	9	123,256	9	113,785	9	103,506	9	92,727	9	81,948	9	71,203	
1/4	1/4	1/4	1/4	1/4	141,921	1/4	132,497	1/4	123,058	1/4	113,587	1/4	103,281	1/4	92,503	1/4	81,724	1/4	70,980	
1/2	1/2	1/2	1/2	1/2	141,726	1/2	132,301	1/2	122,861	1/2	113,390	1/2	103,057	1/2	92,278	1/2	81,499	1/2	70,757	
3/4	3/4	3/4	3/4	3/4	141,531	3/4	132,105	3/4	122,664	3/4	113,193	3/4	102,832	3/4	92,054	3/4	81,275	3/4	70,534	
10		10		10	141,336	10	131,909	10	122,466	10	112,996	10	102,607	10	91,829	10	81,050	10	70,311	
1/4	1/4	1/4	1/4	1/4	141,142	1/4	131,713	1/4	122,269	1/4	112,799	1/4	102,383	1/4	91,604	1/4	80,826	1/4	70,088	
1/2	1/2	1/2	1/2	1/2	140,947	1/2	131,516	1/2	122,072	1/2	112,602	1/2	102,158	1/2	91,380	1/2	80,601	1/2	69,865	
3/4	3/4	3/4	3/4	3/4	140,752	3/4	131,320	3/4	121,874	3/4	112,405	3/4	101,934	3/4	91,155	3/4	80,376	3/4	69,641	
11		11		11	140,557	11	131,124	11	121,677	11	112,208	11	101,709	11	90,931	11	80,152	11	69,417	
1/4	1/4	1/4	1/4	1/4	140,363	1/4	130,928	1/4	121,479	1/4	112,010	1/4	101,485	1/4	90,706	1/4	79,927	1/4	69,193	
1/2	1/2	1/2	1/2	147,479	1/2	140,168	1/2	130,732	1/2	121,282	1/2	111,813	1/2	101,260	1/2	90,482	1/2	79,703	1/2	68,969
3/4	3/4	3/4	3/4	147,463	3/4	139,971	3/4	130,536	3/4	121,085	3/4	111,616	3/4	101,036	3/4	90,257	3/4	79,478	3/4	68,745

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 TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1343"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,521	0	57,749	0	46,974	0	36,199	0	25,621	0	14,854	0	4,065	0		0		0	
1/4	68,297	1/4	57,525	1/4	46,750	1/4	35,975	1/4	25,402	1/4	14,629	1/4	3,842	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,073	1/2	57,301	1/2	46,525	1/2	35,750	1/2	25,183	1/2	14,404	1/2	3,620	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,849	3/4	57,076	3/4	46,301	3/4	35,526	3/4	24,964	3/4	14,179	3/4	3,399	3/4	3/4	3/4	3/4	3/4	3/4
1	67,626	1	56,852	1	46,076	1	35,301	1	24,745	1	13,954	1	3,179	1	1	1	1	1	1
1/4	67,402	1/4	56,627	1/4	45,852	1/4	35,077	1/4	24,526	1/4	13,729	1/4	2,958	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,178	1/2	56,403	1/2	45,627	1/2	34,852	1/2	24,307	1/2	13,504	1/2	2,737	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,953	3/4	56,178	3/4	45,403	3/4	34,628	3/4	24,082	3/4	13,279	3/4	2,532	3/4	3/4	3/4	3/4	3/4	3/4
2	66,729	2	55,954	2	45,178	2	34,403	2	23,857	2	13,053	2	2,326	2	2	2	2	2	2
1/4	66,504	1/4	55,729	1/4	44,954	1/4	34,179	1/4	23,632	1/4	12,828	1/4	2,120	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,280	1/2	55,505	1/2	44,729	1/2	33,954	1/2	23,406	1/2	12,603	1/2	1,915	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,055	3/4	55,280	3/4	44,505	3/4	33,730	3/4	23,181	3/4	12,378	3/4	1,746	3/4	3/4	3/4	3/4	3/4	3/4
3	65,831	3	55,056	3	44,281	3	33,505	3	22,956	3	12,153	3	1,577	3	3	3	3	3	3
1/4	65,606	1/4	54,831	1/4	44,056	1/4	33,281	1/4	22,731	1/4	11,928	1/4	1,408	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,382	1/2	54,607	1/2	43,832	1/2	33,056	1/2	22,506	1/2	11,703	1/2	1,240	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,157	3/4	54,382	3/4	43,607	3/4	32,838	3/4	22,281	3/4	11,478	3/4	1,108	3/4	3/4	3/4	3/4	3/4	3/4
4	64,933	4	54,158	4	43,383	4	32,619	4	22,056	4	11,253	4	977	4	4	4	4	4	4
1/4	64,708	1/4	53,933	1/4	43,158	1/4	32,400	1/4	21,831	1/4	11,028	1/4	846	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,484	1/2	53,709	1/2	42,934	1/2	32,182	1/2	21,606	1/2	10,803	1/2	715	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,260	3/4	53,484	3/4	42,709	3/4	31,963	3/4	21,381	3/4	10,578	3/4	621	3/4	3/4	3/4	3/4	3/4	3/4
5	64,035	5	53,260	5	42,485	5	31,744	5	21,156	5	10,353	5	527	5	5	5	5	5	5
1/4	63,811	1/4	53,035	1/4	42,260	1/4	31,526	1/4	20,931	1/4	10,128	1/4	433	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,586	1/2	52,811	1/2	42,036	1/2	31,307	1/2	20,706	1/2	9,903	1/2	339	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,362	3/4	52,586	3/4	41,811	3/4	31,088	3/4	20,481	3/4	9,677	3/4	283	3/4	3/4	3/4	3/4	3/4	3/4
6	63,137	6	52,362	6	41,587	6	30,870	6	20,256	6	9,452	6	227	6	6	6	6	6	6
1/4	62,913	1/4	52,137	1/4	41,362	1/4	30,651	1/4	20,030	1/4	9,227	1/4	171	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,688	1/2	51,913	1/2	41,138	1/2	30,432	1/2	19,805	1/2	9,002	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,464	3/4	51,688	3/4	40,913	3/4	30,214	3/4	19,580	3/4	8,777	3/4	96	3/4	3/4	3/4	3/4	3/4	3/4
7	62,239	7	51,464	7	40,689	7	29,995	7	19,355	7	8,552	7	77	7	7	7	7	7	7
1/4	62,015	1/4	51,239	1/4	40,464	1/4	29,776	1/4	19,130	1/4	8,327	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,790	1/2	51,015	1/2	40,240	1/2	29,558	1/2	18,905	1/2	8,102	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,566	3/4	50,791	3/4	40,015	3/4	29,339	3/4	18,680	3/4	7,877	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,341	8	50,566	8	39,791	8	29,120	8	18,455	8	7,652	8		8	8	8	8	8	8
1/4	61,117	1/4	50,342	1/4	39,566	1/4	28,902	1/4	18,230	1/4	7,427	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,892	1/2	50,117	1/2	39,342	1/2	28,683	1/2	18,005	1/2	7,202	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,668	3/4	49,893	3/4	39,117	3/4	28,464	3/4	17,780	3/4	6,977	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,443	9	49,668	9	38,893	9	28,246	9	17,555	9	6,752	9		9	9	9	9	9	9
1/4	60,219	1/4	49,444	1/4	38,668	1/4	28,027	1/4	17,330	1/4	6,527	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,994	1/2	49,219	1/2	38,444	1/2	27,808	1/2	17,105	1/2	6,302	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,770	3/4	48,995	3/4	38,219	3/4	27,590	3/4	16,880	3/4	6,078	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,545	10	48,770	10	37,995	10	27,371	10	16,655	10	5,854	10		10	10	10	10	10	10
1/4	59,321	1/4	48,546	1/4	37,770	1/4	27,152	1/4	16,429	1/4	5,629	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,096	1/2	48,321	1/2	37,546	1/2	26,934	1/2	16,204	1/2	5,405	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,872	3/4	48,097	3/4	37,322	3/4	26,715	3/4	15,979	3/4	5,181	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,647	11	47,872	11	37,097	11	26,496	11	15,754	11	4,957	11		11	11	11	11	11	11
1/4	58,423	1/4	47,648	1/4	36,873	1/4	26,278	1/4	15,529	1/4	4,734	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,198	1/2	47,423	1/2	36,648	1/2	26,059	1/2	15,304	1/2	4,510	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,974	3/4	47,199	3/4	36,424	3/4	25,840	3/4	15,079	3/4	4,287	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2012 CL - SW
CALCULATED: 01/20/2012 CL
PRINTED: 01/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1343"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	170,495	0	160,681	0	148,668	0	136,627	0	124,546	0	112,466	0	100,386	0	88,305
1/4	1/4	1/4	1/4	1/4	170,436	1/4	160,431	1/4	148,418	1/4	136,375	1/4	124,295	1/4	112,214	1/4	100,134	1/4	88,053
1/2	1/2	1/2	1/2	1/2	170,377	1/2	160,181	1/2	148,167	1/2	136,123	1/2	124,043	1/2	111,963	1/2	99,882	1/2	87,801
3/4	3/4	3/4	3/4	3/4	170,317	3/4	159,930	3/4	147,917	3/4	135,872	3/4	123,791	3/4	111,711	3/4	99,631	3/4	87,549
1		1		1	170,258	1	159,680	1	147,667	1	135,620	1	123,540	1	111,459	1	99,379	1	87,298
1/4	1/4	1/4	1/4	1/4	170,157	1/4	159,430	1/4	147,417	1/4	135,368	1/4	123,288	1/4	111,208	1/4	99,127	1/4	87,046
1/2	1/2	1/2	1/2	1/2	170,056	1/2	159,179	1/2	147,166	1/2	135,117	1/2	123,036	1/2	110,956	1/2	98,876	1/2	86,794
3/4	3/4	3/4	3/4	3/4	169,955	3/4	158,929	3/4	146,916	3/4	134,865	3/4	122,785	3/4	110,704	3/4	98,624	3/4	86,543
2		2		2	169,854	2	158,679	2	146,666	2	134,613	2	122,533	2	110,453	2	98,372	2	86,291
1/4	1/4	1/4	1/4	1/4	169,711	1/4	158,429	1/4	146,415	1/4	134,362	1/4	122,281	1/4	110,201	1/4	98,121	1/4	86,039
1/2	1/2	1/2	1/2	1/2	169,568	1/2	158,178	1/2	146,165	1/2	134,110	1/2	122,030	1/2	109,949	1/2	97,869	1/2	85,787
3/4	3/4	3/4	3/4	3/4	169,424	3/4	157,928	3/4	145,915	3/4	133,858	3/4	121,778	3/4	109,698	3/4	97,617	3/4	85,536
3		3		3	169,281	3	157,678	3	145,665	3	133,607	3	121,526	3	109,446	3	97,366	3	85,284
1/4	1/4	1/4	1/4	1/4	169,096	1/4	157,428	1/4	145,414	1/4	133,355	1/4	121,275	1/4	109,194	1/4	97,114	1/4	85,032
1/2	1/2	1/2	1/2	1/2	168,911	1/2	157,177	1/2	145,164	1/2	133,103	1/2	121,023	1/2	108,943	1/2	96,862	1/2	84,781
3/4	3/4	3/4	3/4	3/4	168,726	3/4	156,927	3/4	144,914	3/4	132,852	3/4	120,771	3/4	108,691	3/4	96,611	3/4	84,529
4		4		4	168,541	4	156,677	4	144,664	4	132,600	4	120,520	4	108,439	4	96,359	4	84,277
1/4	1/4	1/4	1/4	1/4	168,314	1/4	156,426	1/4	144,413	1/4	132,348	1/4	120,268	1/4	108,188	1/4	96,107	1/4	84,025
1/2	1/2	1/2	1/2	1/2	168,087	1/2	156,176	1/2	144,163	1/2	132,097	1/2	120,016	1/2	107,936	1/2	95,856	1/2	83,774
3/4	3/4	3/4	3/4	3/4	167,860	3/4	155,926	3/4	143,913	3/4	131,845	3/4	119,765	3/4	107,684	3/4	95,604	3/4	83,522
5		5		5	167,633	5	155,676	5	143,662	5	131,593	5	119,513	5	107,433	5	95,352	5	83,270
1/4	1/4	1/4	1/4	1/4	167,385	1/4	155,425	1/4	143,412	1/4	131,342	1/4	119,261	1/4	107,181	1/4	95,101	1/4	83,019
1/2	1/2	1/2	1/2	1/2	167,137	1/2	155,175	1/2	143,162	1/2	131,090	1/2	119,010	1/2	106,929	1/2	94,849	1/2	82,767
3/4	3/4	3/4	3/4	3/4	166,889	3/4	154,925	3/4	142,912	3/4	130,838	3/4	118,758	3/4	106,678	3/4	94,597	3/4	82,515
6		6		6	166,641	6	154,675	6	142,661	6	130,587	6	118,506	6	106,426	6	94,346	6	82,263
1/4	1/4	1/4	1/4	1/4	166,393	1/4	154,424	1/4	142,411	1/4	130,335	1/4	118,255	1/4	106,174	1/4	94,094	1/4	82,012
1/2	1/2	1/2	1/2	1/2	166,145	1/2	154,174	1/2	142,161	1/2	130,083	1/2	118,003	1/2	105,923	1/2	93,842	1/2	81,760
3/4	3/4	3/4	3/4	3/4	165,898	3/4	153,924	3/4	141,911	3/4	129,832	3/4	117,751	3/4	105,671	3/4	93,591	3/4	81,508
7		7		7	165,650	7	153,673	7	141,660	7	129,580	7	117,500	7	105,419	7	93,339	7	81,257
1/4	1/4	1/4	1/4	1/4	165,402	1/4	153,423	1/4	141,409	1/4	129,328	1/4	117,248	1/4	105,168	1/4	93,087	1/4	81,005
1/2	1/2	1/2	1/2	1/2	165,154	1/2	153,173	1/2	141,157	1/2	129,077	1/2	116,996	1/2	104,916	1/2	92,836	1/2	80,753
3/4	3/4	3/4	3/4	3/4	164,906	3/4	152,923	3/4	140,905	3/4	128,825	3/4	116,745	3/4	104,664	3/4	92,584	3/4	80,501
8		8		8	164,658	8	152,672	8	140,654	8	128,573	8	116,493	8	104,413	8	92,332	8	80,250
1/4	1/4	1/4	1/4	1/4	164,410	1/4	152,422	1/4	140,402	1/4	128,322	1/4	116,241	1/4	104,161	1/4	92,080	1/4	79,998
1/2	1/2	1/2	1/2	1/2	164,162	1/2	152,172	1/2	140,150	1/2	128,070	1/2	115,990	1/2	103,909	1/2	91,829	1/2	79,746
3/4	3/4	3/4	3/4	3/4	163,914	3/4	151,921	3/4	139,899	3/4	127,818	3/4	115,738	3/4	103,658	3/4	91,577	3/4	79,495
9		9		9	163,666	9	151,671	9	139,647	9	127,567	9	115,486	9	103,406	9	91,325	9	79,243
1/4	1/4	1/4	1/4	1/4	163,418	1/4	151,421	1/4	139,395	1/4	127,315	1/4	115,235	1/4	103,154	1/4	91,073	1/4	78,991
1/2	1/2	1/2	1/2	1/2	163,170	1/2	151,171	1/2	139,144	1/2	127,063	1/2	114,983	1/2	102,903	1/2	90,822	1/2	78,739
3/4	3/4	3/4	3/4	3/4	162,922	3/4	150,920	3/4	138,892	3/4	126,812	3/4	114,731	3/4	102,651	3/4	90,570	3/4	78,488
10		10		10	162,674	10	150,670	10	138,640	10	126,560	10	114,480	10	102,399	10	90,318	10	78,236
1/4	1/4	1/4	1/4	1/4	162,426	1/4	150,420	1/4	138,388	1/4	126,308	1/4	114,228	1/4	102,148	1/4	90,067	1/4	77,984
1/2	1/2	1/2	1/2	1/2	162,178	1/2	150,170	1/2	138,137	1/2	126,056	1/2	113,976	1/2	101,896	1/2	89,815	1/2	77,732
3/4	3/4	3/4	3/4	3/4	161,930	3/4	149,919	3/4	137,885	3/4	125,805	3/4	113,724	3/4	101,644	3/4	89,563	3/4	77,481
11		11	170,564	11	161,682	11	149,669	11	137,633	11	125,553	11	113,473	11	101,392	11	89,311	11	77,229
1/4	1/4	1/4	170,547	1/4	161,432	1/4	149,419	1/4	137,382	1/4	125,301	1/4	113,221	1/4	101,141	1/4	89,060	1/4	76,977
1/2	1/2	1/2	170,529	1/2	161,182	1/2	149,168	1/2	137,130	1/2	125,050	1/2	112,969	1/2	100,889	1/2	88,808	1/2	76,726
3/4	3/4	3/4	170,512	3/4	160,931	3/4	148,918	3/4	136,878	3/4	124,798	3/4	112,718	3/4	100,637	3/4	88,556	3/4	76,474

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 TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1343"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	76,222	0	64,140	0	52,057	0	39,975	0	28,187	0	16,105	0	4,044	0		0		0	
1/4	75,970	1/4	63,888	1/4	51,806	1/4	39,723	1/4	27,935	1/4	15,853	1/4	3,797	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,719	1/2	63,636	1/2	51,554	1/2	39,472	1/2	27,683	1/2	15,601	1/2	3,550	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,467	3/4	63,385	3/4	51,302	3/4	39,220	3/4	27,431	3/4	15,349	3/4	3,304	3/4	3/4	3/4	3/4	3/4	3/4
1	75,215	1	63,133	1	51,051	1	38,968	1	27,180	1	15,098	1	3,057	1	1	1	1	1	1
1/4	74,964	1/4	62,881	1/4	50,799	1/4	38,716	1/4	26,928	1/4	14,846	1/4	2,827	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,712	1/2	62,629	1/2	50,547	1/2	38,465	1/2	26,676	1/2	14,594	1/2	2,597	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,460	3/4	62,378	3/4	50,295	3/4	38,213	3/4	26,425	3/4	14,343	3/4	2,367	3/4	3/4	3/4	3/4	3/4	3/4
2	74,208	2	62,126	2	50,044	2	37,961	2	26,173	2	14,091	2	2,137	2	2	2	2	2	2
1/4	73,957	1/4	61,874	1/4	49,792	1/4	37,717	1/4	25,921	1/4	13,839	1/4	1,948	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,705	1/2	61,623	1/2	49,540	1/2	37,472	1/2	25,669	1/2	13,587	1/2	1,759	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,453	3/4	61,371	3/4	49,288	3/4	37,227	3/4	25,418	3/4	13,336	3/4	1,570	3/4	3/4	3/4	3/4	3/4	3/4
3	73,202	3	61,119	3	49,037	3	36,983	3	25,166	3	13,084	3	1,382	3	3	3	3	3	3
1/4	72,950	1/4	60,867	1/4	48,785	1/4	36,738	1/4	24,914	1/4	12,832	1/4	1,235	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,698	1/2	60,616	1/2	48,533	1/2	36,494	1/2	24,663	1/2	12,581	1/2	1,088	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,446	3/4	60,364	3/4	48,282	3/4	36,250	3/4	24,411	3/4	12,329	3/4	941	3/4	3/4	3/4	3/4	3/4	3/4
4	72,195	4	60,112	4	48,030	4	36,005	4	24,159	4	12,077	4	794	4	4	4	4	4	4
1/4	71,943	1/4	59,861	1/4	47,778	1/4	35,761	1/4	23,908	1/4	11,826	1/4	689	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,691	1/2	59,609	1/2	47,526	1/2	35,517	1/2	23,656	1/2	11,574	1/2	585	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,440	3/4	59,357	3/4	47,275	3/4	35,273	3/4	23,404	3/4	11,322	3/4	480	3/4	3/4	3/4	3/4	3/4	3/4
5	71,188	5	59,105	5	47,023	5	35,028	5	23,152	5	11,070	5	375	5	5	5	5	5	5
1/4	70,936	1/4	58,854	1/4	46,771	1/4	34,784	1/4	22,901	1/4	10,819	1/4	312	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,684	1/2	58,602	1/2	46,520	1/2	34,540	1/2	22,649	1/2	10,567	1/2	249	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,433	3/4	58,350	3/4	46,268	3/4	34,295	3/4	22,397	3/4	10,315	3/4	186	3/4	3/4	3/4	3/4	3/4	3/4
6	70,181	6	58,099	6	46,016	6	34,051	6	22,146	6	10,064	6	123	6	6	6	6	6	6
1/4	69,929	1/4	57,847	1/4	45,764	1/4	33,807	1/4	21,894	1/4	9,812	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,678	1/2	57,595	1/2	45,513	1/2	33,562	1/2	21,642	1/2	9,560	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,426	3/4	57,343	3/4	45,261	3/4	33,318	3/4	21,390	3/4	9,308	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
7	69,174	7	57,092	7	45,009	7	33,074	7	21,139	7	9,057	7	39	7	7	7	7	7	7
1/4	68,922	1/4	56,840	1/4	44,758	1/4	32,830	1/4	20,887	1/4	8,805	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,671	1/2	56,588	1/2	44,506	1/2	32,585	1/2	20,635	1/2	8,553	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,419	3/4	56,337	3/4	44,254	3/4	32,341	3/4	20,384	3/4	8,302	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	68,167	8	56,085	8	44,002	8	32,097	8	20,132	8	8,050	8	8	8	8	8	8	8	8
1/4	67,916	1/4	55,833	1/4	43,751	1/4	31,852	1/4	19,880	1/4	7,799	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,664	1/2	55,581	1/2	43,499	1/2	31,608	1/2	19,628	1/2	7,547	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,412	3/4	55,330	3/4	43,247	3/4	31,364	3/4	19,377	3/4	7,296	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	67,160	9	55,078	9	42,996	9	31,120	9	19,125	9	7,044	9	9	9	9	9	9	9	9
1/4	66,909	1/4	54,826	1/4	42,744	1/4	30,875	1/4	18,873	1/4	6,793	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,657	1/2	54,575	1/2	42,492	1/2	30,631	1/2	18,622	1/2	6,542	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,405	3/4	54,323	3/4	42,240	3/4	30,387	3/4	18,370	3/4	6,291	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	66,154	10	54,071	10	41,989	10	30,142	10	18,118	10	6,040	10	10	10	10	10	10	10	10
1/4	65,902	1/4	53,819	1/4	41,737	1/4	29,898	1/4	17,867	1/4	5,790	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,650	1/2	53,568	1/2	41,485	1/2	29,654	1/2	17,615	1/2	5,540	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,398	3/4	53,316	3/4	41,234	3/4	29,409	3/4	17,363	3/4	5,290	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	65,147	11	53,064	11	40,982	11	29,165	11	17,111	11	5,039	11	11	11	11	11	11	11	11
1/4	64,895	1/4	52,813	1/4	40,730	1/4	28,920	1/4	16,860	1/4	4,791	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,643	1/2	52,561	1/2	40,478	1/2	28,676	1/2	16,608	1/2	4,542	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,391	3/4	52,309	3/4	40,227	3/4	28,431	3/4	16,356	3/4	4,293	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/20/2012 CL - SW
CALCULATED: 01/20/2012 CL
PRINTED: 01/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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



BARGE "CBC 1343"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	
0		0		0	151,627	0	143,744	0	133,080	0	122,398	0	111,675	0	100,953	0	90,231	0	79,509		
1/4	1/4	1/4	1/4	1/4	151,612	1/4	143,521	1/4	132,858	1/4	122,174	1/4	111,452	1/4	100,730	1/4	90,008	1/4	79,285		
1/2	1/2	1/2	1/2	1/2	151,597	1/2	143,299	1/2	132,636	1/2	121,951	1/2	111,229	1/2	100,507	1/2	89,785	1/2	79,062		
3/4	3/4	3/4	3/4	3/4	151,581	3/4	143,077	3/4	132,414	3/4	121,727	3/4	111,005	3/4	100,283	3/4	89,561	3/4	78,838		
1		1		1	151,566	1	142,855	1	132,192	1	121,504	1	110,782	1	100,060	1	89,338	1	78,615		
1/4	1/4	1/4	1/4	1/4	151,514	1/4	142,633	1/4	131,970	1/4	121,281	1/4	110,559	1/4	99,837	1/4	89,114	1/4	78,392		
1/2	1/2	1/2	1/2	1/2	151,461	1/2	142,411	1/2	131,747	1/2	121,057	1/2	110,335	1/2	99,613	1/2	88,891	1/2	78,168		
3/4	3/4	3/4	3/4	3/4	151,409	3/4	142,189	3/4	131,525	3/4	120,834	3/4	110,112	3/4	99,390	3/4	88,668	3/4	77,945		
2		2		2	151,356	2	141,966	2	131,303	2	120,611	2	109,888	2	99,166	2	88,444	2	77,721		
1/4	1/4	1/4	1/4	1/4	151,266	1/4	141,744	1/4	131,081	1/4	120,387	1/4	109,665	1/4	98,943	1/4	88,221	1/4	77,498		
1/2	1/2	1/2	1/2	1/2	151,176	1/2	141,522	1/2	130,859	1/2	120,164	1/2	109,442	1/2	98,720	1/2	87,998	1/2	77,275		
3/4	3/4	3/4	3/4	3/4	151,087	3/4	141,300	3/4	130,637	3/4	119,940	3/4	109,218	3/4	98,496	3/4	87,774	3/4	77,051		
3		3		3	150,997	3	141,078	3	130,415	3	119,717	3	108,995	3	98,273	3	87,551	3	76,828		
1/4	1/4	1/4	1/4	1/4	150,870	1/4	140,856	1/4	130,192	1/4	119,494	1/4	108,772	1/4	98,050	1/4	87,327	1/4	76,604		
1/2	1/2	1/2	1/2	1/2	150,743	1/2	140,634	1/2	129,970	1/2	119,270	1/2	108,548	1/2	97,826	1/2	87,104	1/2	76,381		
3/4	3/4	3/4	3/4	3/4	150,616	3/4	140,411	3/4	129,748	3/4	119,047	3/4	108,325	3/4	97,603	3/4	86,881	3/4	76,158		
4		4		4	150,489	4	140,189	4	129,526	4	118,823	4	108,101	4	97,379	4	86,657	4	75,934		
1/4	1/4	1/4	1/4	1/4	150,325	1/4	139,967	1/4	129,304	1/4	118,600	1/4	107,878	1/4	97,156	1/4	86,434	1/4	75,711		
1/2	1/2	1/2	1/2	1/2	150,160	1/2	139,745	1/2	129,082	1/2	118,377	1/2	107,655	1/2	96,933	1/2	86,211	1/2	75,487		
3/4	3/4	3/4	3/4	3/4	149,996	3/4	139,523	3/4	128,859	3/4	118,153	3/4	107,431	3/4	96,709	3/4	85,987	3/4	75,264		
5		5		5	149,832	5	139,301	5	128,637	5	117,930	5	107,208	5	96,486	5	85,764	5	75,040		
1/4	1/4	1/4	1/4	1/4	149,630	1/4	139,078	1/4	128,415	1/4	117,707	1/4	106,985	1/4	96,263	1/4	85,540	1/4	74,817		
1/2	1/2	1/2	1/2	1/2	149,429	1/2	138,856	1/2	128,193	1/2	117,483	1/2	106,761	1/2	96,039	1/2	85,317	1/2	74,594		
3/4	3/4	3/4	3/4	3/4	149,227	3/4	138,634	3/4	127,971	3/4	117,260	3/4	106,538	3/4	95,816	3/4	85,094	3/4	74,370		
6		6		6	149,026	6	138,412	6	127,749	6	117,036	6	106,314	6	95,592	6	84,870	6	74,147		
1/4	1/4	1/4	1/4	1/4	148,806	1/4	138,190	1/4	127,527	1/4	116,813	1/4	106,091	1/4	95,369	1/4	84,647	1/4	73,923		
1/2	1/2	1/2	1/2	1/2	148,586	1/2	137,968	1/2	127,304	1/2	116,590	1/2	105,868	1/2	95,146	1/2	84,424	1/2	73,700		
3/4	3/4	3/4	3/4	3/4	148,366	3/4	137,746	3/4	127,082	3/4	116,366	3/4	105,644	3/4	94,922	3/4	84,200	3/4	73,477		
7		7		7	148,146	7	137,523	7	126,860	7	116,143	7	105,421	7	94,699	7	83,977	7	73,253		
1/4	1/4	1/4	1/4	1/4	147,926	1/4	137,301	1/4	126,638	1/4	115,920	1/4	105,198	1/4	94,476	1/4	83,753	1/4	73,030		
1/2	1/2	1/2	1/2	1/2	147,705	1/2	137,079	1/2	126,416	1/2	115,696	1/2	104,974	1/2	94,252	1/2	83,530	1/2	72,806		
3/4	3/4	3/4	3/4	3/4	147,485	3/4	136,857	3/4	126,194	3/4	115,473	3/4	104,751	3/4	94,029	3/4	83,307	3/4	72,583		
8		8		8	147,265	8	136,635	8	125,972	8	115,249	8	104,527	8	93,805	8	83,083	8	72,359		
1/4	1/4	1/4	1/4	1/4	147,045	1/4	136,413	1/4	125,748	1/4	115,026	1/4	104,304	1/4	93,582	1/4	82,860	1/4	72,136		
1/2	1/2	1/2	1/2	1/2	146,825	1/2	136,190	1/2	125,525	1/2	114,803	1/2	104,081	1/2	93,359	1/2	82,637	1/2	71,913		
3/4	3/4	3/4	3/4	3/4	146,605	3/4	135,968	3/4	125,301	3/4	114,579	3/4	103,857	3/4	93,135	3/4	82,413	3/4	71,689		
9		9		9	146,385	9	135,746	9	125,078	9	114,356	9	103,634	9	92,912	9	82,190	9	71,466		
1/4	1/4	1/4	1/4	1/4	146,165	1/4	135,524	1/4	124,855	1/4	114,133	1/4	103,411	1/4	92,689	1/4	81,966	1/4	71,242		
1/2	1/2	1/2	1/2	1/2	145,945	1/2	135,302	1/2	124,631	1/2	113,909	1/2	103,187	1/2	92,465	1/2	81,743	1/2	71,019		
3/4	3/4	3/4	3/4	3/4	145,725	3/4	135,080	3/4	124,408	3/4	113,686	3/4	102,964	3/4	92,242	3/4	81,519	3/4	70,796		
10		10		10	145,504	10	134,858	10	124,185	10	113,462	10	102,740	10	92,018	10	81,296	10	70,572		
1/4	1/4	1/4	1/4	1/4	145,284	1/4	134,635	1/4	123,961	1/4	113,239	1/4	102,517	1/4	91,795	1/4	81,073	1/4	70,349		
1/2	1/2	1/2	1/2	1/2	145,064	1/2	134,413	1/2	123,738	1/2	113,016	1/2	102,294	1/2	91,572	1/2	80,849	1/2	70,125		
3/4	3/4	3/4	3/4	3/4	144,844	3/4	134,191	3/4	123,514	3/4	112,792	3/4	102,070	3/4	91,348	3/4	80,626	3/4	69,902		
11		11		11	144,624	11	133,969	11	123,291	11	112,569	11	101,847	11	91,125	11	80,402	11	69,678		
1/4	1/4	1/4	1/4	1/4	144,404	1/4	133,747	1/4	123,068	1/4	112,346	1/4	101,624	1/4	90,901	1/4	80,179	1/4	69,455		
1/2	1/2	1/2	1/2	1/2	144,184	1/2	133,525	1/2	122,844	1/2	112,122	1/2	101,400	1/2	90,678	1/2	79,956	1/2	69,232		
3/4	3/4	3/4	3/4	3/4	143,964	3/4	133,303	3/4	122,621	3/4	111,899	3/4	101,177	3/4	90,455	3/4	79,732	3/4	69,008		

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 TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1343"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	68,785	0	58,061	0	47,337	0	36,613	0	25,912	0	15,192	0	4,477	0		0		0	
1/4	68,561	1/4	57,838	1/4	47,114	1/4	36,390	1/4	25,689	1/4	14,968	1/4	4,256	1/4	1/4		1/4		1/4
1/2	68,338	1/2	57,614	1/2	46,890	1/2	36,166	1/2	25,466	1/2	14,745	1/2	4,035	1/2	1/2		1/2		1/2
3/4	68,115	3/4	57,391	3/4	46,667	3/4	35,943	3/4	25,243	3/4	14,522	3/4	3,814	3/4	3/4		3/4		3/4
1	67,891	1	57,167	1	46,443	1	35,720	1	25,020	1	14,298	1	3,594	1	1		1		1
1/4	67,668	1/4	56,944	1/4	46,220	1/4	35,496	1/4	24,797	1/4	14,075	1/4	3,375	1/4	1/4		1/4		1/4
1/2	67,444	1/2	56,720	1/2	45,997	1/2	35,273	1/2	24,574	1/2	13,851	1/2	3,156	1/2	1/2		1/2		1/2
3/4	67,221	3/4	56,497	3/4	45,773	3/4	35,049	3/4	24,351	3/4	13,628	3/4	2,937	3/4	3/4		3/4		3/4
2	66,998	2	56,274	2	45,550	2	34,826	2	24,128	2	13,405	2	2,718	2	2		2		2
1/4	66,774	1/4	56,050	1/4	45,326	1/4	34,603	1/4	23,905	1/4	13,181	1/4	2,514	1/4	1/4		1/4		1/4
1/2	66,551	1/2	55,827	1/2	45,103	1/2	34,379	1/2	23,681	1/2	12,958	1/2	2,309	1/2	1/2		1/2		1/2
3/4	66,327	3/4	55,603	3/4	44,880	3/4	34,156	3/4	23,458	3/4	12,734	3/4	2,105	3/4	3/4		3/4		3/4
3	66,104	3	55,380	3	44,656	3	33,932	3	23,234	3	12,511	3	1,901	3	3		3		3
1/4	65,880	1/4	55,157	1/4	44,433	1/4	33,709	1/4	23,011	1/4	12,287	1/4	1,733	1/4	1/4		1/4		1/4
1/2	65,657	1/2	54,933	1/2	44,209	1/2	33,485	1/2	22,788	1/2	12,064	1/2	1,566	1/2	1/2		1/2		1/2
3/4	65,434	3/4	54,710	3/4	43,986	3/4	33,262	3/4	22,564	3/4	11,841	3/4	1,398	3/4	3/4		3/4		3/4
4	65,210	4	54,486	4	43,762	4	33,039	4	22,341	4	11,617	4	1,231	4	4		4		4
1/4	64,987	1/4	54,263	1/4	43,539	1/4	32,816	1/4	22,117	1/4	11,394	1/4	1,100	1/4	1/4		1/4		1/4
1/2	64,763	1/2	54,040	1/2	43,316	1/2	32,593	1/2	21,894	1/2	11,170	1/2	970	1/2	1/2		1/2		1/2
3/4	64,540	3/4	53,816	3/4	43,092	3/4	32,371	3/4	21,670	3/4	10,947	3/4	840	3/4	3/4		3/4		3/4
5	64,317	5	53,593	5	42,869	5	32,148	5	21,447	5	10,724	5	709	5	5		5		5
1/4	64,093	1/4	53,369	1/4	42,645	1/4	31,925	1/4	21,224	1/4	10,500	1/4	616	1/4	1/4		1/4		1/4
1/2	63,870	1/2	53,146	1/2	42,422	1/2	31,702	1/2	21,000	1/2	10,277	1/2	523	1/2	1/2		1/2		1/2
3/4	63,646	3/4	52,922	3/4	42,199	3/4	31,480	3/4	20,777	3/4	10,053	3/4	430	3/4	3/4		3/4		3/4
6	63,423	6	52,699	6	41,975	6	31,257	6	20,553	6	9,830	6	337	6	6		6		6
1/4	63,199	1/4	52,476	1/4	41,752	1/4	31,034	1/4	20,330	1/4	9,607	1/4	281	1/4	1/4		1/4		1/4
1/2	62,976	1/2	52,252	1/2	41,528	1/2	30,812	1/2	20,107	1/2	9,383	1/2	225	1/2	1/2		1/2		1/2
3/4	62,753	3/4	52,029	3/4	41,305	3/4	30,589	3/4	19,883	3/4	9,160	3/4	170	3/4	3/4		3/4		3/4
7	62,529	7	51,805	7	41,082	7	30,366	7	19,660	7	8,936	7	114	7	7		7		7
1/4	62,306	1/4	51,582	1/4	40,858	1/4	30,144	1/4	19,436	1/4	8,713	1/4	95	1/4	1/4		1/4		1/4
1/2	62,082	1/2	51,359	1/2	40,635	1/2	29,921	1/2	19,213	1/2	8,490	1/2	77	1/2	1/2		1/2		1/2
3/4	61,859	3/4	51,135	3/4	40,411	3/4	29,698	3/4	18,990	3/4	8,266	3/4	58	3/4	3/4		3/4		3/4
8	61,636	8	50,912	8	40,188	8	29,475	8	18,766	8	8,043	8	39	8	8		8		8
1/4	61,412	1/4	50,688	1/4	39,964	1/4	29,253	1/4	18,543	1/4	7,819	1/4		1/4	1/4		1/4		1/4
1/2	61,189	1/2	50,465	1/2	39,741	1/2	29,030	1/2	18,319	1/2	7,596	1/2		1/2	1/2		1/2		1/2
3/4	60,965	3/4	50,241	3/4	39,518	3/4	28,807	3/4	18,096	3/4	7,373	3/4		3/4	3/4		3/4		3/4
9	60,742	9	50,018	9	39,294	9	28,585	9	17,873	9	7,149	9		9	9		9		9
1/4	60,519	1/4	49,795	1/4	39,071	1/4	28,362	1/4	17,649	1/4	6,926	1/4		1/4	1/4		1/4		1/4
1/2	60,295	1/2	49,571	1/2	38,847	1/2	28,139	1/2	17,426	1/2	6,703	1/2		1/2	1/2		1/2		1/2
3/4	60,072	3/4	49,348	3/4	38,624	3/4	27,917	3/4	17,202	3/4	6,480	3/4		3/4	3/4		3/4		3/4
10	59,848	10	49,124	10	38,401	10	27,694	10	16,979	10	6,256	10		10	10		10		10
1/4	59,625	1/4	48,901	1/4	38,177	1/4	27,471	1/4	16,756	1/4	6,034	1/4		1/4	1/4		1/4		1/4
1/2	59,401	1/2	48,678	1/2	37,954	1/2	27,249	1/2	16,532	1/2	5,811	1/2		1/2	1/2		1/2		1/2
3/4	59,178	3/4	48,454	3/4	37,730	3/4	27,026	3/4	16,309	3/4	5,588	3/4		3/4	3/4		3/4		3/4
11	58,955	11	48,231	11	37,507	11	26,803	11	16,085	11	5,365	11		11	11		11		11
1/4	58,731	1/4	48,007	1/4	37,283	1/4	26,580	1/4	15,862	1/4	5,143	1/4		1/4	1/4		1/4		1/4
1/2	58,508	1/2	47,784	1/2	37,060	1/2	26,358	1/2	15,639	1/2	4,921	1/2		1/2	1/2		1/2		1/2
3/4	58,284	3/4	47,561	3/4	36,837	3/4	26,135	3/4	15,415	3/4	4,699	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRINTED: 01/20/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2012

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