



BARGE "CBC 1347"

INNAGE TRIM TABLE

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

(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 - 00-5/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 11, 2012

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

<http://www.pmacorp.net>



BARGE "CBC 1347"

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	8,088	0	18,872	0	29,506	0	40,170	0	50,926	0	61,683	0	72,416	0	83,151	0	93,911
1/4	58	1/4	8,313	1/4	19,097	1/4	29,725	1/4	40,394	1/4	51,150	1/4	61,907	1/4	72,639	1/4	83,375	1/4	94,135
1/2	77	1/2	8,537	1/2	19,322	1/2	29,943	1/2	40,618	1/2	51,374	1/2	62,131	1/2	72,861	1/2	83,599	1/2	94,359
3/4	95	3/4	8,762	3/4	19,546	3/4	30,161	3/4	40,842	3/4	51,599	3/4	62,355	3/4	73,084	3/4	83,823	3/4	94,583
1	114	1	8,987	1	19,771	1	30,379	1	41,066	1	51,823	1	62,579	1	73,307	1	84,048	1	94,807
1/4	170	1/4	9,211	1/4	19,996	1/4	30,598	1/4	41,290	1/4	52,047	1/4	62,803	1/4	73,530	1/4	84,272	1/4	95,032
1/2	227	1/2	9,436	1/2	20,220	1/2	30,816	1/2	41,514	1/2	52,271	1/2	63,027	1/2	73,752	1/2	84,496	1/2	95,256
3/4	283	3/4	9,661	3/4	20,445	3/4	31,034	3/4	41,738	3/4	52,495	3/4	63,251	3/4	73,975	3/4	84,720	3/4	95,480
2	339	2	9,885	2	20,670	2	31,253	2	41,963	2	52,719	2	63,475	2	74,198	2	84,944	2	95,704
1/4	432	1/4	10,110	1/4	20,894	1/4	31,471	1/4	42,187	1/4	52,943	1/4	63,700	1/4	74,421	1/4	85,168	1/4	95,928
1/2	526	1/2	10,335	1/2	21,119	1/2	31,689	1/2	42,411	1/2	53,167	1/2	63,924	1/2	74,643	1/2	85,393	1/2	96,152
3/4	620	3/4	10,559	3/4	21,344	3/4	31,907	3/4	42,635	3/4	53,391	3/4	64,148	3/4	74,866	3/4	85,617	3/4	96,377
3	713	3	10,784	3	21,568	3	32,126	3	42,859	3	53,615	3	64,372	3	75,089	3	85,841	3	96,601
1/4	844	1/4	11,009	1/4	21,793	1/4	32,344	1/4	43,083	1/4	53,839	1/4	64,596	1/4	75,312	1/4	86,065	1/4	96,825
1/2	975	1/2	11,233	1/2	22,018	1/2	32,562	1/2	43,307	1/2	54,064	1/2	64,820	1/2	75,534	1/2	86,289	1/2	97,049
3/4	1,106	3/4	11,458	3/4	22,242	3/4	32,781	3/4	43,531	3/4	54,288	3/4	65,044	3/4	75,757	3/4	86,513	3/4	97,273
4	1,237	4	11,683	4	22,467	4	32,999	4	43,755	4	54,512	4	65,268	4	75,980	4	86,738	4	97,497
1/4	1,406	1/4	11,907	1/4	22,692	1/4	33,223	1/4	43,979	1/4	54,736	1/4	65,492	1/4	76,203	1/4	86,962	1/4	97,722
1/2	1,574	1/2	12,132	1/2	22,916	1/2	33,447	1/2	44,203	1/2	54,960	1/2	65,716	1/2	76,427	1/2	87,186	1/2	97,946
3/4	1,743	3/4	12,357	3/4	23,141	3/4	33,671	3/4	44,428	3/4	55,184	3/4	65,940	3/4	76,650	3/4	87,410	3/4	98,170
5	1,911	5	12,581	5	23,366	5	33,895	5	44,652	5	55,408	5	66,165	5	76,874	5	87,634	5	98,394
1/4	2,117	1/4	12,806	1/4	23,590	1/4	34,119	1/4	44,876	1/4	55,632	1/4	66,389	1/4	77,098	1/4	87,858	1/4	98,618
1/2	2,322	1/2	13,031	1/2	23,815	1/2	34,343	1/2	45,100	1/2	55,856	1/2	66,613	1/2	77,322	1/2	88,083	1/2	98,842
3/4	2,527	3/4	13,255	3/4	24,040	3/4	34,567	3/4	45,324	3/4	56,080	3/4	66,837	3/4	77,546	3/4	88,307	3/4	99,066
6	2,733	6	13,480	6	24,264	6	34,792	6	45,548	6	56,304	6	67,061	6	77,770	6	88,531	6	99,291
1/4	2,953	1/4	13,705	1/4	24,483	1/4	35,016	1/4	45,772	1/4	56,529	1/4	67,284	1/4	77,995	1/4	88,755	1/4	99,515
1/2	3,173	1/2	13,929	1/2	24,702	1/2	35,240	1/2	45,996	1/2	56,753	1/2	67,508	1/2	78,219	1/2	88,979	1/2	99,739
3/4	3,393	3/4	14,154	3/4	24,920	3/4	35,464	3/4	46,220	3/4	56,977	3/4	67,731	3/4	78,443	3/4	89,203	3/4	99,963
7	3,613	7	14,379	7	25,139	7	35,688	7	46,444	7	57,201	7	67,955	7	78,667	7	89,428	7	100,187
1/4	3,836	1/4	14,603	1/4	25,358	1/4	35,912	1/4	46,668	1/4	57,425	1/4	68,178	1/4	78,891	1/4	89,652	1/4	100,411
1/2	4,058	1/2	14,828	1/2	25,576	1/2	36,136	1/2	46,893	1/2	57,649	1/2	68,402	1/2	79,116	1/2	89,876	1/2	100,636
3/4	4,280	3/4	15,053	3/4	25,795	3/4	36,360	3/4	47,117	3/4	57,873	3/4	68,625	3/4	79,340	3/4	90,100	3/4	100,860
8	4,502	8	15,277	8	26,014	8	36,584	8	47,341	8	58,097	8	68,849	8	79,564	8	90,324	8	101,084
1/4	4,725	1/4	15,502	1/4	26,232	1/4	36,808	1/4	47,565	1/4	58,321	1/4	69,072	1/4	79,788	1/4	90,548	1/4	101,308
1/2	4,949	1/2	15,727	1/2	26,450	1/2	37,032	1/2	47,789	1/2	58,545	1/2	69,296	1/2	80,012	1/2	90,773	1/2	101,532
3/4	5,172	3/4	15,952	3/4	26,669	3/4	37,257	3/4	48,013	3/4	58,769	3/4	69,519	3/4	80,236	3/4	90,997	3/4	101,756
9	5,395	9	16,176	9	26,887	9	37,481	9	48,237	9	58,994	9	69,743	9	80,461	9	91,221	9	101,981
1/4	5,619	1/4	16,401	1/4	27,105	1/4	37,705	1/4	48,461	1/4	59,218	1/4	69,966	1/4	80,685	1/4	91,445	1/4	102,205
1/2	5,843	1/2	16,626	1/2	27,323	1/2	37,929	1/2	48,685	1/2	59,442	1/2	70,188	1/2	80,909	1/2	91,669	1/2	102,429
3/4	6,067	3/4	16,850	3/4	27,542	3/4	38,153	3/4	48,909	3/4	59,666	3/4	70,411	3/4	81,133	3/4	91,893	3/4	102,653
10	6,291	10	17,075	10	27,760	10	38,377	10	49,133	10	59,890	10	70,634	10	81,357	10	92,117	10	102,877
1/4	6,516	1/4	17,300	1/4	27,978	1/4	38,601	1/4	49,358	1/4	60,114	1/4	70,857	1/4	81,582	1/4	92,342	1/4	103,101
1/2	6,740	1/2	17,524	1/2	28,197	1/2	38,825	1/2	49,582	1/2	60,338	1/2	71,079	1/2	81,806	1/2	92,566	1/2	103,326
3/4	6,965	3/4	17,749	3/4	28,415	3/4	39,049	3/4	49,806	3/4	60,562	3/4	71,302	3/4	82,030	3/4	92,790	3/4	103,550
11	7,189	11	17,974	11	28,633	11	39,273	11	50,030	11	60,786	11	71,525	11	82,254	11	93,014	11	103,774
1/4	7,414	1/4	18,198	1/4	28,851	1/4	39,498	1/4	50,254	1/4	61,010	1/4	71,748	1/4	82,478	1/4	93,238	1/4	103,998
1/2	7,639	1/2	18,423	1/2	29,070	1/2	39,722	1/2	50,478	1/2	61,234	1/2	71,970	1/2	82,703	1/2	93,462	1/2	104,222
3/4	7,863	3/4	18,648	3/4	29,288	3/4	39,946	3/4	50,702	3/4	61,459	3/4	72,193	3/4	82,927	3/4	93,687	3/4	104,446

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 26'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1347"

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	104,671	0	114,767	0	124,223	0	133,637	0	143,034	0		0		0		0		0	
1/4	104,894	1/4	114,964	1/4	124,420	1/4	133,833	1/4	143,229	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,118	1/2	115,161	1/2	124,616	1/2	134,030	1/2	143,423	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,342	3/4	115,358	3/4	124,812	3/4	134,226	3/4	143,618	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,566	1	115,555	1	125,009	1	134,423	1	143,812	1	1	1	1	1	1	1	1	1	1
1/4	105,790	1/4	115,752	1/4	125,205	1/4	134,619	1/4	144,006	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,014	1/2	115,949	1/2	125,402	1/2	134,816	1/2	144,201	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,238	3/4	116,146	3/4	125,598	3/4	135,012	3/4	144,395	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,462	2	116,343	2	125,795	2	135,209	2	144,590	2	2	2	2	2	2	2	2	2	2
1/4	106,686	1/4	116,540	1/4	125,991	1/4	135,405	1/4	144,793	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,910	1/2	116,737	1/2	126,188	1/2	135,602	1/2	144,996	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,134	3/4	116,934	3/4	126,384	3/4	135,798	3/4	145,200	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,357	3	117,131	3	126,581	3	135,995	3	145,403	3	3	3	3	3	3	3	3	3	3
1/4	107,581	1/4	117,328	1/4	126,777	1/4	136,191	1/4	145,569	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,805	1/2	117,525	1/2	126,974	1/2	136,387	1/2	145,735	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,029	3/4	117,722	3/4	127,170	3/4	136,584	3/4	145,900	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,253	4	117,919	4	127,367	4	136,780	4	146,066	4	4	4	4	4	4	4	4	4	4
1/4	108,477	1/4	118,116	1/4	127,563	1/4	136,977	1/4	146,195	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,701	1/2	118,313	1/2	127,760	1/2	137,173	1/2	146,323	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,925	3/4	118,510	3/4	127,956	3/4	137,370	3/4	146,451	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,149	5	118,707	5	128,152	5	137,566	5	146,580	5	5	5	5	5	5	5	5	5	5
1/4	109,373	1/4	118,904	1/4	128,349	1/4	137,763	1/4	146,671	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,597	1/2	119,101	1/2	128,545	1/2	137,959	1/2	146,762	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,821	3/4	119,298	3/4	128,742	3/4	138,156	3/4	146,853	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,044	6	119,495	6	128,938	6	138,352	6	146,944	6	6	6	6	6	6	6	6	6	6
1/4	110,241	1/4	119,692	1/4	129,134	1/4	138,549	1/4	146,997	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,438	1/2	119,889	1/2	129,330	1/2	138,745	1/2	147,051	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,635	3/4	120,086	3/4	129,526	3/4	138,942	3/4	147,104	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,832	7	120,283	7	129,721	7	139,138	7	147,158	7	7	7	7	7	7	7	7	7	7
1/4	111,028	1/4	120,480	1/4	129,917	1/4	139,335	1/4	147,174	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,225	1/2	120,677	1/2	130,113	1/2	139,531	1/2	147,190	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,422	3/4	120,874	3/4	130,309	3/4	139,728	3/4	147,206	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,619	8	121,071	8	130,505	8	139,924	8	147,222	8	8	8	8	8	8	8	8	8	8
1/4	111,815	1/4	121,268	1/4	130,700	1/4	140,118	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,012	1/2	121,465	1/2	130,896	1/2	140,313	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,209	3/4	121,662	3/4	131,092	3/4	140,507	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,406	9	121,859	9	131,288	9	140,702	9		9	9	9	9	9	9	9	9	9	9
1/4	112,603	1/4	122,056	1/4	131,483	1/4	140,896	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,799	1/2	122,253	1/2	131,679	1/2	141,090	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,996	3/4	122,450	3/4	131,875	3/4	141,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,193	10	122,647	10	132,071	10	141,479	10		10	10	10	10	10	10	10	10	10	10
1/4	113,390	1/4	122,844	1/4	132,266	1/4	141,674	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,587	1/2	123,041	1/2	132,462	1/2	141,868	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,783	3/4	123,238	3/4	132,658	3/4	142,062	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	113,980	11	123,435	11	132,854	11	142,257	11		11	11	11	11	11	11	11	11	11	11
1/4	114,177	1/4	123,632	1/4	133,050	1/4	142,451	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,374	1/2	123,829	1/2	133,245	1/2	142,646	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,570	3/4	124,026	3/4	133,441	3/4	142,840	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: 05/11/2012 CL - SW
CALCULATED: 05/11/2012 CL
PRINTED: 05/11/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 1347"

2 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	9,049	0	21,122	0	33,047	0	44,973	0	57,045	0	69,118	0	81,190	0	93,263	0	105,334
1/4	60	1/4	9,301	1/4	21,373	1/4	33,291	1/4	45,224	1/4	57,297	1/4	69,369	1/4	81,442	1/4	93,515	1/4	105,585
1/2	81	1/2	9,552	1/2	21,625	1/2	33,535	1/2	45,476	1/2	57,548	1/2	69,621	1/2	81,694	1/2	93,766	1/2	105,837
3/4	102	3/4	9,804	3/4	21,876	3/4	33,779	3/4	45,727	3/4	57,800	3/4	69,872	3/4	81,945	3/4	94,017	3/4	106,088
1	123	1	10,055	1	22,128	1	34,023	1	45,979	1	58,051	1	70,124	1	82,197	1	94,269	1	106,339
1/4	186	1/4	10,307	1/4	22,379	1/4	34,267	1/4	46,230	1/4	58,303	1/4	70,375	1/4	82,448	1/4	94,520	1/4	106,591
1/2	249	1/2	10,558	1/2	22,631	1/2	34,512	1/2	46,482	1/2	58,554	1/2	70,627	1/2	82,700	1/2	94,772	1/2	106,842
3/4	312	3/4	10,810	3/4	22,882	3/4	34,756	3/4	46,733	3/4	58,806	3/4	70,878	3/4	82,951	3/4	95,023	3/4	107,094
2	375	2	11,061	2	23,134	2	35,000	2	46,985	2	59,057	2	71,130	2	83,203	2	95,275	2	107,345
1/4	479	1/4	11,313	1/4	23,385	1/4	35,244	1/4	47,236	1/4	59,309	1/4	71,382	1/4	83,454	1/4	95,526	1/4	107,597
1/2	584	1/2	11,564	1/2	23,637	1/2	35,488	1/2	47,488	1/2	59,560	1/2	71,633	1/2	83,706	1/2	95,778	1/2	107,848
3/4	689	3/4	11,816	3/4	23,888	3/4	35,732	3/4	47,739	3/4	59,812	3/4	71,885	3/4	83,957	3/4	96,029	3/4	108,100
3	794	3	12,067	3	24,140	3	35,976	3	47,991	3	60,063	3	72,136	3	84,209	3	96,281	3	108,351
1/4	940	1/4	12,319	1/4	24,391	1/4	36,220	1/4	48,242	1/4	60,315	1/4	72,388	1/4	84,460	1/4	96,532	1/4	108,603
1/2	1,087	1/2	12,570	1/2	24,643	1/2	36,464	1/2	48,494	1/2	60,566	1/2	72,639	1/2	84,712	1/2	96,784	1/2	108,854
3/4	1,234	3/4	12,822	3/4	24,894	3/4	36,708	3/4	48,745	3/4	60,818	3/4	72,891	3/4	84,963	3/4	97,035	3/4	109,106
4	1,381	4	13,073	4	25,146	4	36,953	4	48,997	4	61,070	4	73,142	4	85,215	4	97,287	4	109,357
1/4	1,569	1/4	13,325	1/4	25,397	1/4	37,197	1/4	49,248	1/4	61,321	1/4	73,394	1/4	85,466	1/4	97,538	1/4	109,609
1/2	1,758	1/2	13,576	1/2	25,649	1/2	37,441	1/2	49,500	1/2	61,573	1/2	73,645	1/2	85,718	1/2	97,790	1/2	109,860
3/4	1,946	3/4	13,828	3/4	25,900	3/4	37,686	3/4	49,751	3/4	61,824	3/4	73,897	3/4	85,969	3/4	98,041	3/4	110,111
5	2,135	5	14,079	5	26,152	5	37,930	5	50,003	5	62,076	5	74,148	5	86,221	5	98,292	5	110,363
1/4	2,365	1/4	14,331	1/4	26,403	1/4	38,182	1/4	50,254	1/4	62,327	1/4	74,400	1/4	86,472	1/4	98,544	1/4	110,614
1/2	2,595	1/2	14,582	1/2	26,655	1/2	38,433	1/2	50,506	1/2	62,579	1/2	74,651	1/2	86,724	1/2	98,795	1/2	110,866
3/4	2,825	3/4	14,834	3/4	26,906	3/4	38,685	3/4	50,757	3/4	62,830	3/4	74,903	3/4	86,975	3/4	99,047	3/4	111,117
6	3,055	6	15,085	6	27,158	6	38,936	6	51,009	6	63,082	6	75,154	6	87,227	6	99,298	6	111,369
1/4	3,301	1/4	15,337	1/4	27,409	1/4	39,188	1/4	51,261	1/4	63,333	1/4	75,406	1/4	87,478	1/4	99,550	1/4	111,620
1/2	3,548	1/2	15,588	1/2	27,661	1/2	39,439	1/2	51,512	1/2	63,585	1/2	75,657	1/2	87,730	1/2	99,801	1/2	111,872
3/4	3,794	3/4	15,840	3/4	27,912	3/4	39,691	3/4	51,764	3/4	63,836	3/4	75,909	3/4	87,981	3/4	100,053	3/4	112,123
7	4,041	7	16,091	7	28,164	7	39,942	7	52,015	7	64,088	7	76,160	7	88,233	7	100,304	7	112,375
1/4	4,289	1/4	16,343	1/4	28,408	1/4	40,194	1/4	52,267	1/4	64,339	1/4	76,412	1/4	88,484	1/4	100,556	1/4	112,626
1/2	4,538	1/2	16,594	1/2	28,653	1/2	40,445	1/2	52,518	1/2	64,591	1/2	76,663	1/2	88,736	1/2	100,807	1/2	112,878
3/4	4,787	3/4	16,846	3/4	28,897	3/4	40,697	3/4	52,770	3/4	64,842	3/4	76,915	3/4	88,987	3/4	101,059	3/4	113,129
8	5,035	8	17,097	8	29,141	8	40,949	8	53,021	8	65,094	8	77,166	8	89,239	8	101,310	8	113,381
1/4	5,285	1/4	17,349	1/4	29,386	1/4	41,200	1/4	53,273	1/4	65,345	1/4	77,418	1/4	89,490	1/4	101,562	1/4	113,632
1/2	5,535	1/2	17,601	1/2	29,630	1/2	41,452	1/2	53,524	1/2	65,597	1/2	77,669	1/2	89,742	1/2	101,813	1/2	113,884
3/4	5,785	3/4	17,852	3/4	29,874	3/4	41,703	3/4	53,776	3/4	65,848	3/4	77,921	3/4	89,993	3/4	102,064	3/4	114,135
9	6,035	9	18,104	9	30,118	9	41,955	9	54,027	9	66,100	9	78,172	9	90,245	9	102,316	9	114,386
1/4	6,286	1/4	18,355	1/4	30,362	1/4	42,206	1/4	54,279	1/4	66,351	1/4	78,424	1/4	90,496	1/4	102,567	1/4	114,638
1/2	6,537	1/2	18,607	1/2	30,606	1/2	42,458	1/2	54,530	1/2	66,603	1/2	78,675	1/2	90,748	1/2	102,819	1/2	114,889
3/4	6,788	3/4	18,858	3/4	30,850	3/4	42,709	3/4	54,782	3/4	66,854	3/4	78,927	3/4	90,999	3/4	103,070	3/4	115,141
10	7,038	10	19,110	10	31,094	10	42,961	10	55,033	10	67,106	10	79,178	10	91,251	10	103,322	10	115,392
1/4	7,290	1/4	19,361	1/4	31,338	1/4	43,212	1/4	55,285	1/4	67,357	1/4	79,430	1/4	91,502	1/4	103,573	1/4	115,644
1/2	7,541	1/2	19,613	1/2	31,582	1/2	43,464	1/2	55,536	1/2	67,609	1/2	79,681	1/2	91,754	1/2	103,825	1/2	115,895
3/4	7,792	3/4	19,864	3/4	31,827	3/4	43,715	3/4	55,788	3/4	67,860	3/4	79,933	3/4	92,006	3/4	104,076	3/4	116,147
11	8,043	11	20,116	11	32,071	11	43,967	11	56,039	11	68,112	11	80,184	11	92,257	11	104,328	11	116,398
1/4	8,295	1/4	20,367	1/4	32,315	1/4	44,218	1/4	56,291	1/4	68,363	1/4	80,436	1/4	92,509	1/4	104,579	1/4	116,650
1/2	8,546	1/2	20,619	1/2	32,559	1/2	44,470	1/2	56,542	1/2	68,615	1/2	80,687	1/2	92,760	1/2	104,831	1/2	116,901
3/4	8,798	3/4	20,870	3/4	32,803	3/4	44,721	3/4	56,794	3/4	68,866	3/4	80,939	3/4	93,012	3/4	105,082	3/4	117,153

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 26'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1347"

2 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	117,404	0	129,475	0	141,545	0	153,549	0	165,515	0		0		0		0		0	
1/4	117,656	1/4	129,726	1/4	141,795	1/4	153,799	1/4	165,763	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,907	1/2	129,978	1/2	142,045	1/2	154,049	1/2	166,010	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,159	3/4	130,229	3/4	142,295	3/4	154,299	3/4	166,258	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,410	1	130,480	1	142,545	1	154,549	1	166,506	1	1	1	1	1	1	1	1	1	1
1/4	118,661	1/4	130,732	1/4	142,795	1/4	154,799	1/4	166,754	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,913	1/2	130,983	1/2	143,046	1/2	155,049	1/2	167,002	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,164	3/4	131,235	3/4	143,296	3/4	155,299	3/4	167,249	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,416	2	131,486	2	143,546	2	155,549	2	167,497	2	2	2	2	2	2	2	2	2	2
1/4	119,667	1/4	131,738	1/4	143,796	1/4	155,799	1/4	167,724	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,919	1/2	131,989	1/2	144,046	1/2	156,049	1/2	167,951	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,170	3/4	132,241	3/4	144,296	3/4	156,299	3/4	168,177	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,422	3	132,492	3	144,546	3	156,549	3	168,404	3	3	3	3	3	3	3	3	3	3
1/4	120,673	1/4	132,744	1/4	144,796	1/4	156,799	1/4	168,589	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,925	1/2	132,995	1/2	145,046	1/2	157,050	1/2	168,774	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,176	3/4	133,247	3/4	145,296	3/4	157,300	3/4	168,959	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,428	4	133,498	4	145,546	4	157,550	4	169,144	4	4	4	4	4	4	4	4	4	4
1/4	121,679	1/4	133,750	1/4	145,796	1/4	157,800	1/4	169,287	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,931	1/2	134,001	1/2	146,046	1/2	158,050	1/2	169,430	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,182	3/4	134,253	3/4	146,296	3/4	158,300	3/4	169,573	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,433	5	134,504	5	146,547	5	158,550	5	169,716	5	5	5	5	5	5	5	5	5	5
1/4	122,685	1/4	134,755	1/4	146,797	1/4	158,800	1/4	169,817	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,936	1/2	135,007	1/2	147,047	1/2	159,050	1/2	169,918	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,188	3/4	135,258	3/4	147,297	3/4	159,300	3/4	170,019	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,439	6	135,510	6	147,547	6	159,550	6	170,120	6	6	6	6	6	6	6	6	6	6
1/4	123,691	1/4	135,761	1/4	147,797	1/4	159,800	1/4	170,179	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,942	1/2	136,013	1/2	148,047	1/2	160,050	1/2	170,238	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,194	3/4	136,264	3/4	148,297	3/4	160,300	3/4	170,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,445	7	136,516	7	148,547	7	160,551	7	170,356	7	7	7	7	7	7	7	7	7	7
1/4	124,697	1/4	136,767	1/4	148,797	1/4	160,801	1/4	170,374	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,948	1/2	137,019	1/2	149,047	1/2	161,051	1/2	170,391	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,200	3/4	137,270	3/4	149,297	3/4	161,301	3/4	170,408	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,451	8	137,522	8	149,547	8	161,551	8	170,425	8	8	8	8	8	8	8	8	8	8
1/4	125,703	1/4	137,773	1/4	149,797	1/4	161,799	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,954	1/2	138,025	1/2	150,048	1/2	162,046	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,206	3/4	138,276	3/4	150,298	3/4	162,294	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,457	9	138,527	9	150,548	9	162,542	9		9	9	9	9	9	9	9	9	9	9
1/4	126,708	1/4	138,779	1/4	150,798	1/4	162,790	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,960	1/2	139,030	1/2	151,048	1/2	163,037	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,211	3/4	139,282	3/4	151,298	3/4	163,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,463	10	139,533	10	151,548	10	163,533	10		10	10	10	10	10	10	10	10	10	10
1/4	127,714	1/4	139,785	1/4	151,798	1/4	163,781	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,966	1/2	140,036	1/2	152,048	1/2	164,028	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,217	3/4	140,288	3/4	152,298	3/4	164,276	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,469	11	140,539	11	152,548	11	164,524	11		11	11	11	11	11	11	11	11	11	11
1/4	128,720	1/4	140,791	1/4	152,798	1/4	164,772	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,972	1/2	141,042	1/2	153,048	1/2	165,019	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,223	3/4	141,294	3/4	153,298	3/4	165,267	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: 05/11/2012 CL - SW
CALCULATED: 05/11/2012 CL
PRINTED: 05/11/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 1347"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,029	0	18,733	0	29,424	0	40,117	0	50,823	0	61,528	0	72,233	0	82,938	0	93,641
1/4	58	1/4	8,252	1/4	18,956	1/4	29,646	1/4	40,340	1/4	51,046	1/4	61,751	1/4	72,456	1/4	83,161	1/4	93,864
1/2	76	1/2	8,475	1/2	19,179	1/2	29,868	1/2	40,564	1/2	51,269	1/2	61,974	1/2	72,679	1/2	83,384	1/2	94,087
3/4	95	3/4	8,698	3/4	19,402	3/4	30,091	3/4	40,787	3/4	51,492	3/4	62,197	3/4	72,902	3/4	83,607	3/4	94,310
1	114	1	8,921	1	19,625	1	30,313	1	41,010	1	51,715	1	62,420	1	73,125	1	83,830	1	94,533
1/4	169	1/4	9,144	1/4	19,848	1/4	30,535	1/4	41,233	1/4	51,938	1/4	62,643	1/4	73,348	1/4	84,053	1/4	94,756
1/2	225	1/2	9,367	1/2	20,071	1/2	30,758	1/2	41,456	1/2	52,161	1/2	62,866	1/2	73,571	1/2	84,276	1/2	94,979
3/4	281	3/4	9,590	3/4	20,294	3/4	30,980	3/4	41,679	3/4	52,384	3/4	63,089	3/4	73,794	3/4	84,499	3/4	95,202
2	337	2	9,813	2	20,517	2	31,202	2	41,902	2	52,607	2	63,312	2	74,017	2	84,722	2	95,425
1/4	429	1/4	10,036	1/4	20,740	1/4	31,425	1/4	42,125	1/4	52,830	1/4	63,535	1/4	74,240	1/4	84,945	1/4	95,648
1/2	522	1/2	10,259	1/2	20,963	1/2	31,647	1/2	42,348	1/2	53,053	1/2	63,758	1/2	74,463	1/2	85,168	1/2	95,871
3/4	615	3/4	10,482	3/4	21,186	3/4	31,869	3/4	42,571	3/4	53,276	3/4	63,981	3/4	74,686	3/4	85,391	3/4	96,094
3	708	3	10,705	3	21,410	3	32,092	3	42,794	3	53,499	3	64,204	3	74,909	3	85,614	3	96,317
1/4	838	1/4	10,928	1/4	21,633	1/4	32,314	1/4	43,017	1/4	53,722	1/4	64,427	1/4	75,132	1/4	85,837	1/4	96,540
1/2	968	1/2	11,151	1/2	21,856	1/2	32,536	1/2	43,240	1/2	53,945	1/2	64,650	1/2	75,355	1/2	86,060	1/2	96,763
3/4	1,098	3/4	11,374	3/4	22,079	3/4	32,758	3/4	43,463	3/4	54,168	3/4	64,873	3/4	75,578	3/4	86,283	3/4	96,986
4	1,229	4	11,597	4	22,302	4	32,981	4	43,686	4	54,391	4	65,096	4	75,801	4	86,506	4	97,209
1/4	1,396	1/4	11,820	1/4	22,525	1/4	33,204	1/4	43,909	1/4	54,614	1/4	65,319	1/4	76,024	1/4	86,729	1/4	97,432
1/2	1,563	1/2	12,043	1/2	22,748	1/2	33,427	1/2	44,132	1/2	54,837	1/2	65,542	1/2	76,247	1/2	86,952	1/2	97,655
3/4	1,730	3/4	12,266	3/4	22,971	3/4	33,650	3/4	44,355	3/4	55,060	3/4	65,765	3/4	76,470	3/4	87,174	3/4	97,878
5	1,898	5	12,489	5	23,194	5	33,873	5	44,578	5	55,283	5	65,988	5	76,693	5	87,397	5	98,101
1/4	2,101	1/4	12,712	1/4	23,417	1/4	34,096	1/4	44,801	1/4	55,506	1/4	66,211	1/4	76,916	1/4	87,620	1/4	98,324
1/2	2,305	1/2	12,935	1/2	23,640	1/2	34,319	1/2	45,024	1/2	55,729	1/2	66,434	1/2	77,139	1/2	87,843	1/2	98,547
3/4	2,509	3/4	13,158	3/4	23,863	3/4	34,542	3/4	45,247	3/4	55,952	3/4	66,657	3/4	77,362	3/4	88,066	3/4	98,770
6	2,713	6	13,381	6	24,086	6	34,765	6	45,470	6	56,175	6	66,880	6	77,585	6	88,289	6	98,993
1/4	2,932	1/4	13,604	1/4	24,308	1/4	34,988	1/4	45,693	1/4	56,398	1/4	67,103	1/4	77,808	1/4	88,512	1/4	99,216
1/2	3,150	1/2	13,827	1/2	24,531	1/2	35,211	1/2	45,916	1/2	56,621	1/2	67,326	1/2	78,031	1/2	88,735	1/2	99,439
3/4	3,369	3/4	14,050	3/4	24,754	3/4	35,434	3/4	46,139	3/4	56,844	3/4	67,549	3/4	78,254	3/4	88,958	3/4	99,662
7	3,587	7	14,273	7	24,976	7	35,657	7	46,362	7	57,067	7	67,772	7	78,477	7	89,181	7	99,885
1/4	3,808	1/4	14,496	1/4	25,199	1/4	35,880	1/4	46,585	1/4	57,290	1/4	67,995	1/4	78,700	1/4	89,404	1/4	100,108
1/2	4,028	1/2	14,719	1/2	25,422	1/2	36,103	1/2	46,808	1/2	57,513	1/2	68,218	1/2	78,923	1/2	89,627	1/2	100,331
3/4	4,249	3/4	14,942	3/4	25,644	3/4	36,326	3/4	47,031	3/4	57,736	3/4	68,441	3/4	79,146	3/4	89,850	3/4	100,554
8	4,469	8	15,165	8	25,867	8	36,549	8	47,254	8	57,959	8	68,664	8	79,369	8	90,073	8	100,777
1/4	4,691	1/4	15,388	1/4	26,089	1/4	36,772	1/4	47,477	1/4	58,182	1/4	68,887	1/4	79,592	1/4	90,296	1/4	101,000
1/2	4,913	1/2	15,611	1/2	26,312	1/2	36,995	1/2	47,700	1/2	58,405	1/2	69,110	1/2	79,815	1/2	90,519	1/2	101,223
3/4	5,134	3/4	15,834	3/4	26,534	3/4	37,218	3/4	47,923	3/4	58,628	3/4	69,333	3/4	80,038	3/4	90,742	3/4	101,446
9	5,356	9	16,057	9	26,756	9	37,441	9	48,146	9	58,851	9	69,556	9	80,262	9	90,965	9	101,669
1/4	5,578	1/4	16,280	1/4	26,978	1/4	37,664	1/4	48,369	1/4	59,074	1/4	69,779	1/4	80,485	1/4	91,188	1/4	101,891
1/2	5,801	1/2	16,503	1/2	27,201	1/2	37,887	1/2	48,592	1/2	59,297	1/2	70,002	1/2	80,708	1/2	91,411	1/2	102,114
3/4	6,023	3/4	16,726	3/4	27,423	3/4	38,110	3/4	48,815	3/4	59,520	3/4	70,226	3/4	80,931	3/4	91,634	3/4	102,337
10	6,245	10	16,949	10	27,645	10	38,333	10	49,038	10	59,743	10	70,449	10	81,154	10	91,857	10	102,560
1/4	6,468	1/4	17,172	1/4	27,868	1/4	38,556	1/4	49,261	1/4	59,966	1/4	70,672	1/4	81,377	1/4	92,080	1/4	102,783
1/2	6,691	1/2	17,395	1/2	28,090	1/2	38,779	1/2	49,484	1/2	60,189	1/2	70,895	1/2	81,600	1/2	92,303	1/2	103,006
3/4	6,914	3/4	17,618	3/4	28,312	3/4	39,002	3/4	49,707	3/4	60,413	3/4	71,118	3/4	81,823	3/4	92,526	3/4	103,229
11	7,137	11	17,841	11	28,535	11	39,225	11	49,930	11	60,636	11	71,341	11	82,046	11	92,749	11	103,452
1/4	7,360	1/4	18,064	1/4	28,757	1/4	39,448	1/4	50,153	1/4	60,859	1/4	71,564	1/4	82,269	1/4	92,972	1/4	103,675
1/2	7,583	1/2	18,287	1/2	28,979	1/2	39,671	1/2	50,377	1/2	61,082	1/2	71,787	1/2	82,492	1/2	93,195	1/2	103,898
3/4	7,806	3/4	18,510	3/4	29,202	3/4	39,894	3/4	50,600	3/4	61,305	3/4	72,010	3/4	82,715	3/4	93,418	3/4	104,121

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 26'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1347"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,344	0	115,048	0	125,751	0	136,395	0	147,007	0		0		0		0		0	
1/4	104,567	1/4	115,271	1/4	125,973	1/4	136,617	1/4	147,227	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,790	1/2	115,494	1/2	126,194	1/2	136,839	1/2	147,447	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,013	3/4	115,717	3/4	126,416	3/4	137,061	3/4	147,666	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,236	1	115,940	1	126,638	1	137,283	1	147,886	1	1	1	1	1	1	1	1	1	1
1/4	105,459	1/4	116,163	1/4	126,860	1/4	137,504	1/4	148,106	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,682	1/2	116,386	1/2	127,081	1/2	137,726	1/2	148,326	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,905	3/4	116,608	3/4	127,303	3/4	137,948	3/4	148,545	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,128	2	116,831	2	127,525	2	138,170	2	148,765	2	2	2	2	2	2	2	2	2	2
1/4	106,351	1/4	117,054	1/4	127,747	1/4	138,391	1/4	148,966	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,574	1/2	117,277	1/2	127,968	1/2	138,613	1/2	149,167	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,797	3/4	117,500	3/4	128,190	3/4	138,835	3/4	149,368	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,020	3	117,723	3	128,412	3	139,057	3	149,569	3	3	3	3	3	3	3	3	3	3
1/4	107,243	1/4	117,946	1/4	128,634	1/4	139,278	1/4	149,733	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,466	1/2	118,169	1/2	128,856	1/2	139,500	1/2	149,897	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,689	3/4	118,392	3/4	129,077	3/4	139,722	3/4	150,061	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,912	4	118,615	4	129,299	4	139,944	4	150,225	4	4	4	4	4	4	4	4	4	4
1/4	108,135	1/4	118,838	1/4	129,521	1/4	140,165	1/4	150,352	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,358	1/2	119,061	1/2	129,743	1/2	140,387	1/2	150,479	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,581	3/4	119,284	3/4	129,964	3/4	140,609	3/4	150,606	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,804	5	119,507	5	130,186	5	140,831	5	150,732	5	5	5	5	5	5	5	5	5	5
1/4	109,027	1/4	119,730	1/4	130,408	1/4	141,052	1/4	150,822	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,250	1/2	119,953	1/2	130,630	1/2	141,274	1/2	150,912	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,473	3/4	120,176	3/4	130,851	3/4	141,496	3/4	151,001	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,696	6	120,399	6	131,073	6	141,718	6	151,091	6	6	6	6	6	6	6	6	6	6
1/4	109,919	1/4	120,622	1/4	131,295	1/4	141,940	1/4	151,143	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,142	1/2	120,845	1/2	131,517	1/2	142,161	1/2	151,196	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,365	3/4	121,068	3/4	131,738	3/4	142,383	3/4	151,248	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,588	7	121,291	7	131,960	7	142,605	7	151,301	7	7	7	7	7	7	7	7	7	7
1/4	110,811	1/4	121,514	1/4	132,182	1/4	142,827	1/4	151,316	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,034	1/2	121,737	1/2	132,404	1/2	143,048	1/2	151,331	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,257	3/4	121,960	3/4	132,625	3/4	143,270	3/4	151,347	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,480	8	122,183	8	132,847	8	143,492	8	151,362	8	8	8	8	8	8	8	8	8	8
1/4	111,703	1/4	122,406	1/4	133,069	1/4	143,712	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,926	1/2	122,629	1/2	133,291	1/2	143,931	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,149	3/4	122,852	3/4	133,513	3/4	144,151	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,372	9	123,075	9	133,734	9	144,371	9		9	9	9	9	9	9	9	9	9	9
1/4	112,595	1/4	123,298	1/4	133,956	1/4	144,590	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,818	1/2	123,521	1/2	134,178	1/2	144,810	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,041	3/4	123,744	3/4	134,400	3/4	145,030	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,264	10	123,967	10	134,621	10	145,250	10		10	10	10	10	10	10	10	10	10	10
1/4	113,487	1/4	124,190	1/4	134,843	1/4	145,469	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,710	1/2	124,413	1/2	135,065	1/2	145,689	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,933	3/4	124,636	3/4	135,287	3/4	145,909	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,156	11	124,859	11	135,508	11	146,128	11		11	11	11	11	11	11	11	11	11	11
1/4	114,379	1/4	125,082	1/4	135,730	1/4	146,348	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,602	1/2	125,305	1/2	135,952	1/2	146,568	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,825	3/4	125,528	3/4	136,174	3/4	146,788	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

STRAPPED: 05/11/2012 CL - SW
CALCULATED: 05/11/2012 CL
PRINTED: 05/11/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1347"

ULLAGE TRIM TABLE

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

(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 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 11, 2012

PRECISION MEASUREMENT
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 P.O. Box 2092
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BARGE "CBC 1347"

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	147,190	0	139,531	0	130,113	0	120,677	0	111,225	0	100,636	0	89,876	0	79,116	
1/4	1/4	1/4	1/4	1/4	147,174	1/4	139,335	1/4	129,917	1/4	120,480	1/4	111,028	1/4	100,411	1/4	89,652	1/4	78,891	
1/2	1/2	1/2	1/2	1/2	147,158	1/2	139,138	1/2	129,721	1/2	120,283	1/2	110,832	1/2	100,187	1/2	89,428	1/2	78,667	
3/4	3/4	3/4	3/4	3/4	147,104	3/4	138,942	3/4	129,526	3/4	120,086	3/4	110,635	3/4	99,963	3/4	89,203	3/4	78,443	
1		1		1	147,051	1	138,745	1	129,330	1	119,889	1	110,438	1	99,739	1	88,979	1	78,219	
1/4	1/4	1/4	1/4	1/4	146,997	1/4	138,549	1/4	129,134	1/4	119,692	1/4	110,241	1/4	99,515	1/4	88,755	1/4	77,995	
1/2	1/2	1/2	1/2	1/2	146,944	1/2	138,352	1/2	128,938	1/2	119,495	1/2	110,044	1/2	99,291	1/2	88,531	1/2	77,770	
3/4	3/4	3/4	3/4	3/4	146,853	3/4	138,156	3/4	128,742	3/4	119,298	3/4	109,821	3/4	99,066	3/4	88,307	3/4	77,546	
2		2		2	146,762	2	137,959	2	128,545	2	119,101	2	109,597	2	98,842	2	88,083	2	77,322	
1/4	1/4	1/4	1/4	1/4	146,671	1/4	137,763	1/4	128,349	1/4	118,904	1/4	109,373	1/4	98,618	1/4	87,858	1/4	77,098	
1/2	1/2	1/2	1/2	1/2	146,580	1/2	137,566	1/2	128,152	1/2	118,707	1/2	109,149	1/2	98,394	1/2	87,634	1/2	76,874	
3/4	3/4	3/4	3/4	3/4	146,451	3/4	137,370	3/4	127,956	3/4	118,510	3/4	108,925	3/4	98,170	3/4	87,410	3/4	76,650	
3		3		3	146,323	3	137,173	3	127,760	3	118,313	3	108,701	3	97,946	3	87,186	3	76,427	
1/4	1/4	1/4	1/4	1/4	146,195	1/4	136,977	1/4	127,563	1/4	118,116	1/4	108,477	1/4	97,722	1/4	86,962	1/4	76,203	
1/2	1/2	1/2	1/2	1/2	146,066	1/2	136,780	1/2	127,367	1/2	117,919	1/2	108,253	1/2	97,497	1/2	86,738	1/2	75,980	
3/4	3/4	3/4	3/4	3/4	145,900	3/4	136,584	3/4	127,170	3/4	117,722	3/4	108,029	3/4	97,273	3/4	86,513	3/4	75,757	
4		4		4	145,735	4	136,387	4	126,974	4	117,525	4	107,805	4	97,049	4	86,289	4	75,534	
1/4	1/4	1/4	1/4	1/4	145,569	1/4	136,191	1/4	126,777	1/4	117,328	1/4	107,581	1/4	96,825	1/4	86,065	1/4	75,312	
1/2	1/2	1/2	1/2	1/2	145,403	1/2	135,995	1/2	126,581	1/2	117,131	1/2	107,357	1/2	96,601	1/2	85,841	1/2	75,089	
3/4	3/4	3/4	3/4	3/4	145,200	3/4	135,798	3/4	126,384	3/4	116,934	3/4	107,134	3/4	96,377	3/4	85,617	3/4	74,866	
5		5		5	144,996	5	135,602	5	126,188	5	116,737	5	106,910	5	96,152	5	85,393	5	74,643	
1/4	1/4	1/4	1/4	1/4	144,793	1/4	135,405	1/4	125,991	1/4	116,540	1/4	106,686	1/4	95,928	1/4	85,168	1/4	74,421	
1/2	1/2	1/2	1/2	1/2	144,590	1/2	135,209	1/2	125,795	1/2	116,343	1/2	106,462	1/2	95,704	1/2	84,944	1/2	74,198	
3/4	3/4	3/4	3/4	3/4	144,395	3/4	135,012	3/4	125,598	3/4	116,146	3/4	106,238	3/4	95,480	3/4	84,720	3/4	73,975	
6		6		6	144,201	6	134,816	6	125,402	6	115,949	6	106,014	6	95,256	6	84,496	6	73,752	
1/4	1/4	1/4	1/4	1/4	144,006	1/4	134,619	1/4	125,205	1/4	115,752	1/4	105,790	1/4	95,032	1/4	84,272	1/4	73,530	
1/2	1/2	1/2	1/2	1/2	143,812	1/2	134,423	1/2	125,009	1/2	115,555	1/2	105,566	1/2	94,807	1/2	84,048	1/2	73,307	
3/4	3/4	3/4	3/4	3/4	143,618	3/4	134,226	3/4	124,812	3/4	115,358	3/4	105,342	3/4	94,583	3/4	83,823	3/4	73,084	
7		7		7	143,423	7	134,030	7	124,616	7	115,161	7	105,118	7	94,359	7	83,599	7	72,861	
1/4	1/4	1/4	1/4	1/4	143,229	1/4	133,833	1/4	124,420	1/4	114,964	1/4	104,894	1/4	94,135	1/4	83,375	1/4	72,639	
1/2	1/2	1/2	1/2	1/2	143,034	1/2	133,637	1/2	124,223	1/2	114,767	1/2	104,671	1/2	93,911	1/2	83,151	1/2	72,416	
3/4	3/4	3/4	3/4	3/4	142,840	3/4	133,441	3/4	124,026	3/4	114,570	3/4	104,446	3/4	93,687	3/4	82,927	3/4	72,193	
8		8		8	142,646	8	133,245	8	123,829	8	114,374	8	104,222	8	93,462	8	82,703	8	71,970	
1/4	1/4	1/4	1/4	1/4	142,451	1/4	133,050	1/4	123,632	1/4	114,177	1/4	103,998	1/4	93,238	1/4	82,478	1/4	71,748	
1/2	1/2	1/2	1/2	1/2	142,257	1/2	132,854	1/2	123,435	1/2	113,980	1/2	103,774	1/2	93,014	1/2	82,254	1/2	71,525	
3/4	3/4	3/4	3/4	3/4	142,062	3/4	132,658	3/4	123,238	3/4	113,783	3/4	103,550	3/4	92,790	3/4	82,030	3/4	71,302	
9		9		9	141,868	9	132,462	9	123,041	9	113,587	9	103,326	9	92,566	9	81,806	9	71,079	
1/4	1/4	1/4	1/4	1/4	141,674	1/4	132,266	1/4	122,844	1/4	113,390	1/4	103,101	1/4	92,342	1/4	81,582	1/4	70,857	
1/2	1/2	1/2	1/2	1/2	141,479	1/2	132,071	1/2	122,647	1/2	113,193	1/2	102,877	1/2	92,117	1/2	81,357	1/2	70,634	
3/4	3/4	3/4	3/4	3/4	141,285	3/4	131,875	3/4	122,450	3/4	112,996	3/4	102,653	3/4	91,893	3/4	81,133	3/4	70,411	
10		10		10	141,090	10	131,679	10	122,253	10	112,799	10	102,429	10	91,669	10	80,909	10	70,188	
1/4	1/4	1/4	1/4	1/4	140,896	1/4	131,483	1/4	122,056	1/4	112,603	1/4	102,205	1/4	91,445	1/4	80,685	1/4	69,966	
1/2	1/2	1/2	1/2	1/2	140,702	1/2	131,288	1/2	121,859	1/2	112,406	1/2	101,981	1/2	91,221	1/2	80,461	1/2	69,743	
3/4	3/4	3/4	3/4	3/4	140,507	3/4	131,092	3/4	121,662	3/4	112,209	3/4	101,756	3/4	90,997	3/4	80,236	3/4	69,519	
11		11		11	140,313	11	130,896	11	121,465	11	112,012	11	101,532	11	90,773	11	80,012	11	69,296	
1/4	1/4	1/4	1/4	1/4	140,118	1/4	130,700	1/4	121,268	1/4	111,815	1/4	101,308	1/4	90,548	1/4	79,788	1/4	69,072	
1/2	1/2	1/2	1/2	147,222	1/2	139,924	1/2	130,505	1/2	121,071	1/2	111,619	1/2	101,084	1/2	90,324	1/2	79,564	1/2	68,849
3/4	3/4	3/4	3/4	147,206	3/4	139,728	3/4	130,309	3/4	120,874	3/4	111,422	3/4	100,860	3/4	90,100	3/4	79,340	3/4	68,625

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 26'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1347"

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	68,402	0	57,649	0	46,893	0	36,136	0	25,576	0	14,828	0	4,058	0		0		0	
1/4	68,178	1/4	57,425	1/4	46,668	1/4	35,912	1/4	25,358	1/4	14,603	1/4	3,836	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,955	1/2	57,201	1/2	46,444	1/2	35,688	1/2	25,139	1/2	14,379	1/2	3,613	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,731	3/4	56,977	3/4	46,220	3/4	35,464	3/4	24,920	3/4	14,154	3/4	3,393	3/4	3/4	3/4	3/4	3/4	3/4
1	67,508	1	56,753	1	45,996	1	35,240	1	24,702	1	13,929	1	3,173	1	1	1	1	1	1
1/4	67,284	1/4	56,529	1/4	45,772	1/4	35,016	1/4	24,483	1/4	13,705	1/4	2,953	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,061	1/2	56,304	1/2	45,548	1/2	34,792	1/2	24,264	1/2	13,480	1/2	2,733	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,837	3/4	56,080	3/4	45,324	3/4	34,567	3/4	24,040	3/4	13,255	3/4	2,527	3/4	3/4	3/4	3/4	3/4	3/4
2	66,613	2	55,856	2	45,100	2	34,343	2	23,815	2	13,031	2	2,322	2	2	2	2	2	2
1/4	66,389	1/4	55,632	1/4	44,876	1/4	34,119	1/4	23,590	1/4	12,806	1/4	2,117	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,165	1/2	55,408	1/2	44,652	1/2	33,895	1/2	23,366	1/2	12,581	1/2	1,911	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,940	3/4	55,184	3/4	44,428	3/4	33,671	3/4	23,141	3/4	12,357	3/4	1,743	3/4	3/4	3/4	3/4	3/4	3/4
3	65,716	3	54,960	3	44,203	3	33,447	3	22,916	3	12,132	3	1,574	3	3	3	3	3	3
1/4	65,492	1/4	54,736	1/4	43,979	1/4	33,223	1/4	22,692	1/4	11,907	1/4	1,406	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,268	1/2	54,512	1/2	43,755	1/2	32,999	1/2	22,467	1/2	11,683	1/2	1,237	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,044	3/4	54,288	3/4	43,531	3/4	32,781	3/4	22,242	3/4	11,458	3/4	1,106	3/4	3/4	3/4	3/4	3/4	3/4
4	64,820	4	54,064	4	43,307	4	32,562	4	22,018	4	11,233	4	975	4	4	4	4	4	4
1/4	64,596	1/4	53,839	1/4	43,083	1/4	32,344	1/4	21,793	1/4	11,009	1/4	844	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,372	1/2	53,615	1/2	42,859	1/2	32,126	1/2	21,568	1/2	10,784	1/2	713	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,148	3/4	53,391	3/4	42,635	3/4	31,907	3/4	21,344	3/4	10,559	3/4	620	3/4	3/4	3/4	3/4	3/4	3/4
5	63,924	5	53,167	5	42,411	5	31,689	5	21,119	5	10,335	5	526	5	5	5	5	5	5
1/4	63,700	1/4	52,943	1/4	42,187	1/4	31,471	1/4	20,894	1/4	10,110	1/4	432	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,475	1/2	52,719	1/2	41,963	1/2	31,253	1/2	20,670	1/2	9,885	1/2	339	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,251	3/4	52,495	3/4	41,738	3/4	31,034	3/4	20,445	3/4	9,661	3/4	283	3/4	3/4	3/4	3/4	3/4	3/4
6	63,027	6	52,271	6	41,514	6	30,816	6	20,220	6	9,436	6	227	6	6	6	6	6	6
1/4	62,803	1/4	52,047	1/4	41,290	1/4	30,598	1/4	19,996	1/4	9,211	1/4	170	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,579	1/2	51,823	1/2	41,066	1/2	30,379	1/2	19,771	1/2	8,987	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,355	3/4	51,599	3/4	40,842	3/4	30,161	3/4	19,546	3/4	8,762	3/4	95	3/4	3/4	3/4	3/4	3/4	3/4
7	62,131	7	51,374	7	40,618	7	29,943	7	19,322	7	8,537	7	77	7	7	7	7	7	7
1/4	61,907	1/4	51,150	1/4	40,394	1/4	29,725	1/4	19,097	1/4	8,313	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,683	1/2	50,926	1/2	40,170	1/2	29,506	1/2	18,872	1/2	8,088	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,459	3/4	50,702	3/4	39,946	3/4	29,288	3/4	18,648	3/4	7,863	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,234	8	50,478	8	39,722	8	29,070	8	18,423	8	7,639	8		8	8	8	8	8	8
1/4	61,010	1/4	50,254	1/4	39,498	1/4	28,851	1/4	18,198	1/4	7,414	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,786	1/2	50,030	1/2	39,273	1/2	28,633	1/2	17,974	1/2	7,189	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,562	3/4	49,806	3/4	39,049	3/4	28,415	3/4	17,749	3/4	6,965	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,338	9	49,582	9	38,825	9	28,197	9	17,524	9	6,740	9		9	9	9	9	9	9
1/4	60,114	1/4	49,358	1/4	38,601	1/4	27,978	1/4	17,300	1/4	6,516	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,890	1/2	49,133	1/2	38,377	1/2	27,760	1/2	17,075	1/2	6,291	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,666	3/4	48,909	3/4	38,153	3/4	27,542	3/4	16,850	3/4	6,067	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,442	10	48,685	10	37,929	10	27,323	10	16,626	10	5,843	10		10	10	10	10	10	10
1/4	59,218	1/4	48,461	1/4	37,705	1/4	27,105	1/4	16,401	1/4	5,619	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,994	1/2	48,237	1/2	37,481	1/2	26,887	1/2	16,176	1/2	5,395	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,769	3/4	48,013	3/4	37,257	3/4	26,669	3/4	15,952	3/4	5,172	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,545	11	47,789	11	37,032	11	26,450	11	15,727	11	4,949	11		11	11	11	11	11	11
1/4	58,321	1/4	47,565	1/4	36,808	1/4	26,232	1/4	15,502	1/4	4,725	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,097	1/2	47,341	1/2	36,584	1/2	26,014	1/2	15,277	1/2	4,502	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,873	3/4	47,117	3/4	36,360	3/4	25,795	3/4	15,053	3/4	4,280	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/11/2012 CL - SW
CALCULATED: 05/11/2012 CL
PRINTED: 05/11/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 1347"

2 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	170,425	0	161,551	0	149,547	0	137,522	0	125,451	0	113,381	0	101,310	0	89,239		
1/4	1/4	1/4	1/4	1/4	170,408	1/4	161,301	1/4	149,297	1/4	137,270	1/4	125,200	1/4	113,129	1/4	101,059	1/4	88,987		
1/2	1/2	1/2	1/2	1/2	170,391	1/2	161,051	1/2	149,047	1/2	137,019	1/2	124,948	1/2	112,878	1/2	100,807	1/2	88,736		
3/4	3/4	3/4	3/4	3/4	170,374	3/4	160,801	3/4	148,797	3/4	136,767	3/4	124,697	3/4	112,626	3/4	100,556	3/4	88,484		
1		1		1	170,356	1	160,551	1	148,547	1	136,516	1	124,445	1	112,375	1	100,304	1	88,233		
1/4	1/4	1/4	1/4	1/4	170,297	1/4	160,300	1/4	148,297	1/4	136,264	1/4	124,194	1/4	112,123	1/4	100,053	1/4	87,981		
1/2	1/2	1/2	1/2	1/2	170,238	1/2	160,050	1/2	148,047	1/2	136,013	1/2	123,942	1/2	111,872	1/2	99,801	1/2	87,730		
3/4	3/4	3/4	3/4	3/4	170,179	3/4	159,800	3/4	147,797	3/4	135,761	3/4	123,691	3/4	111,620	3/4	99,550	3/4	87,478		
2		2		2	170,120	2	159,550	2	147,547	2	135,510	2	123,439	2	111,369	2	99,298	2	87,227		
1/4	1/4	1/4	1/4	1/4	170,019	1/4	159,300	1/4	147,297	1/4	135,258	1/4	123,188	1/4	111,117	1/4	99,047	1/4	86,975		
1/2	1/2	1/2	1/2	1/2	169,918	1/2	159,050	1/2	147,047	1/2	135,007	1/2	122,936	1/2	110,866	1/2	98,795	1/2	86,724		
3/4	3/4	3/4	3/4	3/4	169,817	3/4	158,800	3/4	146,797	3/4	134,755	3/4	122,685	3/4	110,614	3/4	98,544	3/4	86,472		
3		3		3	169,716	3	158,550	3	146,547	3	134,504	3	122,433	3	110,363	3	98,292	3	86,221		
1/4	1/4	1/4	1/4	1/4	169,573	1/4	158,300	1/4	146,296	1/4	134,253	1/4	122,182	1/4	110,111	1/4	98,041	1/4	85,969		
1/2	1/2	1/2	1/2	1/2	169,430	1/2	158,050	1/2	146,046	1/2	134,001	1/2	121,931	1/2	109,860	1/2	97,790	1/2	85,718		
3/4	3/4	3/4	3/4	3/4	169,287	3/4	157,800	3/4	145,796	3/4	133,750	3/4	121,679	3/4	109,609	3/4	97,538	3/4	85,466		
4		4		4	169,144	4	157,550	4	145,546	4	133,498	4	121,428	4	109,357	4	97,287	4	85,215		
1/4	1/4	1/4	1/4	1/4	168,959	1/4	157,300	1/4	145,296	1/4	133,247	1/4	121,176	1/4	109,106	1/4	97,035	1/4	84,963		
1/2	1/2	1/2	1/2	1/2	168,774	1/2	157,050	1/2	145,046	1/2	132,995	1/2	120,925	1/2	108,854	1/2	96,784	1/2	84,712		
3/4	3/4	3/4	3/4	3/4	168,589	3/4	156,799	3/4	144,796	3/4	132,744	3/4	120,673	3/4	108,603	3/4	96,532	3/4	84,460		
5		5		5	168,404	5	156,549	5	144,546	5	132,492	5	120,422	5	108,351	5	96,281	5	84,209		
1/4	1/4	1/4	1/4	1/4	168,177	1/4	156,299	1/4	144,296	1/4	132,241	1/4	120,170	1/4	108,100	1/4	96,029	1/4	83,957		
1/2	1/2	1/2	1/2	1/2	167,951	1/2	156,049	1/2	144,046	1/2	131,989	1/2	119,919	1/2	107,848	1/2	95,778	1/2	83,706		
3/4	3/4	3/4	3/4	3/4	167,724	3/4	155,799	3/4	143,796	3/4	131,738	3/4	119,667	3/4	107,597	3/4	95,526	3/4	83,454		
6		6		6	167,497	6	155,549	6	143,546	6	131,486	6	119,416	6	107,345	6	95,275	6	83,203		
1/4	1/4	1/4	1/4	1/4	167,249	1/4	155,299	1/4	143,296	1/4	131,235	1/4	119,164	1/4	107,094	1/4	95,023	1/4	82,951		
1/2	1/2	1/2	1/2	1/2	167,002	1/2	155,049	1/2	143,046	1/2	130,983	1/2	118,913	1/2	106,842	1/2	94,772	1/2	82,700		
3/4	3/4	3/4	3/4	3/4	166,754	3/4	154,799	3/4	142,795	3/4	130,732	3/4	118,661	3/4	106,591	3/4	94,520	3/4	82,448		
7		7		7	166,506	7	154,549	7	142,545	7	130,480	7	118,410	7	106,339	7	94,269	7	82,197		
1/4	1/4	1/4	1/4	1/4	166,258	1/4	154,299	1/4	142,295	1/4	130,229	1/4	118,159	1/4	106,088	1/4	94,017	1/4	81,945		
1/2	1/2	1/2	1/2	1/2	166,010	1/2	154,049	1/2	142,045	1/2	129,978	1/2	117,907	1/2	105,837	1/2	93,766	1/2	81,694		
3/4	3/4	3/4	3/4	3/4	165,763	3/4	153,799	3/4	141,795	3/4	129,726	3/4	117,656	3/4	105,585	3/4	93,515	3/4	81,442		
8		8		8	165,515	8	153,549	8	141,545	8	129,475	8	117,404	8	105,334	8	93,263	8	81,190		
1/4	1/4	1/4	1/4	1/4	165,267	1/4	153,298	1/4	141,294	1/4	129,223	1/4	117,153	1/4	105,082	1/4	93,012	1/4	80,939		
1/2	1/2	1/2	1/2	1/2	165,019	1/2	153,048	1/2	141,042	1/2	128,972	1/2	116,901	1/2	104,831	1/2	92,760	1/2	80,687		
3/4	3/4	3/4	3/4	3/4	164,772	3/4	152,798	3/4	140,791	3/4	128,720	3/4	116,650	3/4	104,579	3/4	92,509	3/4	80,436		
9		9		9	164,524	9	152,548	9	140,539	9	128,469	9	116,398	9	104,328	9	92,257	9	80,184		
1/4	1/4	1/4	1/4	1/4	164,276	1/4	152,298	1/4	140,288	1/4	128,217	1/4	116,147	1/4	104,076	1/4	92,006	1/4	79,933		
1/2	1/2	1/2	1/2	1/2	164,028	1/2	152,048	1/2	140,036	1/2	127,966	1/2	115,895	1/2	103,825	1/2	91,754	1/2	79,681		
3/4	3/4	3/4	3/4	3/4	163,781	3/4	151,798	3/4	139,785	3/4	127,714	3/4	115,644	3/4	103,573	3/4	91,502	3/4	79,430		
10		10		10	163,533	10	151,548	10	139,533	10	127,463	10	115,392	10	103,322	10	91,251	10	79,178		
1/4	1/4	1/4	1/4	1/4	163,285	1/4	151,298	1/4	139,282	1/4	127,211	1/4	115,141	1/4	103,070	1/4	90,999	1/4	78,927		
1/2	1/2	1/2	1/2	1/2	163,037	1/2	151,048	1/2	139,030	1/2	126,960	1/2	114,889	1/2	102,819	1/2	90,748	1/2	78,675		
3/4	3/4	3/4	3/4	3/4	162,790	3/4	150,798	3/4	138,779	3/4	126,708	3/4	114,638	3/4	102,567	3/4	90,496	3/4	78,424		
11		11		11	162,542	11	150,548	11	138,527	11	126,457	11	114,386	11	102,316	11	90,245	11	78,172		
1/4	1/4	1/4	1/4	1/4	162,294	1/4	150,298	1/4	138,276	1/4	126,206	1/4	114,135	1/4	102,064	1/4	89,993	1/4	77,921		
1/2	1/2	1/2	1/2	1/2	162,046	1/2	150,048	1/2	138,025	1/2	125,954	1/2	113,884	1/2	101,813	1/2	89,742	1/2	77,669		
3/4	3/4	3/4	3/4	3/4	161,799	3/4	149,797	3/4	137,773	3/4	125,703	3/4	113,632	3/4	101,562	3/4	89,490	3/4	77,418		

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 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1347"

2 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	77,166	0	65,094	0	53,021	0	40,949	0	29,141	0	17,097	0	5,035	0		0		0	
1/4	76,915	1/4	64,842	1/4	52,770	1/4	40,697	1/4	28,897	1/4	16,846	1/4	4,787	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,663	1/2	64,591	1/2	52,518	1/2	40,445	1/2	28,653	1/2	16,594	1/2	4,538	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,412	3/4	64,339	3/4	52,267	3/4	40,194	3/4	28,408	3/4	16,343	3/4	4,289	3/4	3/4	3/4	3/4	3/4	3/4
1	76,160	1	64,088	1	52,015	1	39,942	1	28,164	1	16,091	1	4,041	1	1	1	1	1	1
1/4	75,909	1/4	63,836	1/4	51,764	1/4	39,691	1/4	27,912	1/4	15,840	1/4	3,794	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,657	1/2	63,585	1/2	51,512	1/2	39,439	1/2	27,661	1/2	15,588	1/2	3,548	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,406	3/4	63,333	3/4	51,261	3/4	39,188	3/4	27,409	3/4	15,337	3/4	3,301	3/4	3/4	3/4	3/4	3/4	3/4
2	75,154	2	63,082	2	51,009	2	38,936	2	27,158	2	15,085	2	3,055	2	2	2	2	2	2
1/4	74,903	1/4	62,830	1/4	50,757	1/4	38,685	1/4	26,906	1/4	14,834	1/4	2,825	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,651	1/2	62,579	1/2	50,506	1/2	38,433	1/2	26,655	1/2	14,582	1/2	2,595	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,400	3/4	62,327	3/4	50,254	3/4	38,182	3/4	26,403	3/4	14,331	3/4	2,365	3/4	3/4	3/4	3/4	3/4	3/4
3	74,148	3	62,076	3	50,003	3	37,930	3	26,152	3	14,079	3	2,135	3	3	3	3	3	3
1/4	73,897	1/4	61,824	1/4	49,751	1/4	37,686	1/4	25,900	1/4	13,828	1/4	1,946	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,645	1/2	61,573	1/2	49,500	1/2	37,441	1/2	25,649	1/2	13,576	1/2	1,758	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,394	3/4	61,321	3/4	49,248	3/4	37,197	3/4	25,397	3/4	13,325	3/4	1,569	3/4	3/4	3/4	3/4	3/4	3/4
4	73,142	4	61,070	4	48,997	4	36,953	4	25,146	4	13,073	4	1,381	4	4	4	4	4	4
1/4	72,891	1/4	60,818	1/4	48,745	1/4	36,708	1/4	24,894	1/4	12,822	1/4	1,234	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,639	1/2	60,566	1/2	48,494	1/2	36,464	1/2	24,643	1/2	12,570	1/2	1,087	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,388	3/4	60,315	3/4	48,242	3/4	36,220	3/4	24,391	3/4	12,319	3/4	940	3/4	3/4	3/4	3/4	3/4	3/4
5	72,136	5	60,063	5	47,991	5	35,976	5	24,140	5	12,067	5	794	5	5	5	5	5	5
1/4	71,885	1/4	59,812	1/4	47,739	1/4	35,732	1/4	23,888	1/4	11,816	1/4	689	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,633	1/2	59,560	1/2	47,488	1/2	35,488	1/2	23,637	1/2	11,564	1/2	584	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,382	3/4	59,309	3/4	47,236	3/4	35,244	3/4	23,385	3/4	11,313	3/4	479	3/4	3/4	3/4	3/4	3/4	3/4
6	71,130	6	59,057	6	46,985	6	35,000	6	23,134	6	11,061	6	375	6	6	6	6	6	6
1/4	70,878	1/4	58,806	1/4	46,733	1/4	34,756	1/4	22,882	1/4	10,810	1/4	312	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,627	1/2	58,554	1/2	46,482	1/2	34,512	1/2	22,631	1/2	10,558	1/2	249	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,375	3/4	58,303	3/4	46,230	3/4	34,267	3/4	22,379	3/4	10,307	3/4	186	3/4	3/4	3/4	3/4	3/4	3/4
7	70,124	7	58,051	7	45,979	7	34,023	7	22,128	7	10,055	7	123	7	7	7	7	7	7
1/4	69,872	1/4	57,800	1/4	45,727	1/4	33,779	1/4	21,876	1/4	9,804	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,621	1/2	57,548	1/2	45,476	1/2	33,535	1/2	21,625	1/2	9,552	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,369	3/4	57,297	3/4	45,224	3/4	33,291	3/4	21,373	3/4	9,301	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
8	69,118	8	57,045	8	44,973	8	33,047	8	21,122	8	9,049	8	39	8	8	8	8	8	8
1/4	68,866	1/4	56,794	1/4	44,721	1/4	32,803	1/4	20,870	1/4	8,798	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,615	1/2	56,542	1/2	44,470	1/2	32,559	1/2	20,619	1/2	8,546	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,363	3/4	56,291	3/4	44,218	3/4	32,315	3/4	20,367	3/4	8,295	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	68,112	9	56,039	9	43,967	9	32,071	9	20,116	9	8,043	9		9	9	9	9	9	9
1/4	67,860	1/4	55,788	1/4	43,715	1/4	31,827	1/4	19,864	1/4	7,792	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,609	1/2	55,536	1/2	43,464	1/2	31,582	1/2	19,613	1/2	7,541	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,357	3/4	55,285	3/4	43,212	3/4	31,338	3/4	19,361	3/4	7,290	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,106	10	55,033	10	42,961	10	31,094	10	19,110	10	7,038	10		10	10	10	10	10	10
1/4	66,854	1/4	54,782	1/4	42,709	1/4	30,850	1/4	18,858	1/4	6,788	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,603	1/2	54,530	1/2	42,458	1/2	30,606	1/2	18,607	1/2	6,537	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,351	3/4	54,279	3/4	42,206	3/4	30,362	3/4	18,355	3/4	6,286	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,100	11	54,027	11	41,955	11	30,118	11	18,104	11	6,035	11		11	11	11	11	11	11
1/4	65,848	1/4	53,776	1/4	41,703	1/4	29,874	1/4	17,852	1/4	5,785	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,597	1/2	53,524	1/2	41,452	1/2	29,630	1/2	17,601	1/2	5,535	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,345	3/4	53,273	3/4	41,200	3/4	29,386	3/4	17,349	3/4	5,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/11/2012 CL - SW
CALCULATED: 05/11/2012 CL
PRINTED: 05/11/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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



BARGE "CBC 1347"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

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	151,347	0	143,270	0	132,625	0	121,960	0	111,257	0	100,554	0	89,850	0	79,146
1/4	1/4	1/4	1/4	1/4	151,331	1/4	143,048	1/4	132,404	1/4	121,737	1/4	111,034	1/4	100,331	1/4	89,627	1/4	78,923
1/2	1/2	1/2	1/2	1/2	151,316	1/2	142,827	1/2	132,182	1/2	121,514	1/2	110,811	1/2	100,108	1/2	89,404	1/2	78,700
3/4	3/4	3/4	3/4	3/4	151,301	3/4	142,605	3/4	131,960	3/4	121,291	3/4	110,588	3/4	99,885	3/4	89,181	3/4	78,477
1		1		1	151,248	1	142,383	1	131,738	1	121,068	1	110,365	1	99,662	1	88,958	1	78,254
1/4	1/4	1/4	1/4	1/4	151,196	1/4	142,161	1/4	131,517	1/4	120,845	1/4	110,142	1/4	99,439	1/4	88,735	1/4	78,031
1/2	1/2	1/2	1/2	1/2	151,143	1/2	141,940	1/2	131,295	1/2	120,622	1/2	109,919	1/2	99,216	1/2	88,512	1/2	77,808
3/4	3/4	3/4	3/4	3/4	151,091	3/4	141,718	3/4	131,073	3/4	120,399	3/4	109,696	3/4	98,993	3/4	88,289	3/4	77,585
2		2		2	151,001	2	141,496	2	130,851	2	120,176	2	109,473	2	98,770	2	88,066	2	77,362
1/4	1/4	1/4	1/4	1/4	150,912	1/4	141,274	1/4	130,630	1/4	119,953	1/4	109,250	1/4	98,547	1/4	87,843	1/4	77,139
1/2	1/2	1/2	1/2	1/2	150,822	1/2	141,052	1/2	130,408	1/2	119,730	1/2	109,027	1/2	98,324	1/2	87,620	1/2	76,916
3/4	3/4	3/4	3/4	3/4	150,732	3/4	140,831	3/4	130,186	3/4	119,507	3/4	108,804	3/4	98,101	3/4	87,397	3/4	76,693
3		3		3	150,606	3	140,609	3	129,964	3	119,284	3	108,581	3	97,878	3	87,174	3	76,470
1/4	1/4	1/4	1/4	1/4	150,479	1/4	140,387	1/4	129,743	1/4	119,061	1/4	108,358	1/4	97,655	1/4	86,952	1/4	76,247
1/2	1/2	1/2	1/2	1/2	150,352	1/2	140,165	1/2	129,521	1/2	118,838	1/2	108,135	1/2	97,432	1/2	86,729	1/2	76,024
3/4	3/4	3/4	3/4	3/4	150,225	3/4	139,944	3/4	129,299	3/4	118,615	3/4	107,912	3/4	97,209	3/4	86,506	3/4	75,801
4		4		4	150,061	4	139,722	4	129,077	4	118,392	4	107,689	4	96,986	4	86,283	4	75,578
1/4	1/4	1/4	1/4	1/4	149,897	1/4	139,500	1/4	128,856	1/4	118,169	1/4	107,466	1/4	96,763	1/4	86,060	1/4	75,355
1/2	1/2	1/2	1/2	1/2	149,733	1/2	139,278	1/2	128,634	1/2	117,946	1/2	107,243	1/2	96,540	1/2	85,837	1/2	75,132
3/4	3/4	3/4	3/4	3/4	149,569	3/4	139,057	3/4	128,412	3/4	117,723	3/4	107,020	3/4	96,317	3/4	85,614	3/4	74,909
5		5		5	149,368	5	138,835	5	128,190	5	117,500	5	106,797	5	96,094	5	85,391	5	74,686
1/4	1/4	1/4	1/4	1/4	149,167	1/4	138,613	1/4	127,968	1/4	117,277	1/4	106,574	1/4	95,871	1/4	85,168	1/4	74,463
1/2	1/2	1/2	1/2	1/2	148,966	1/2	138,391	1/2	127,747	1/2	117,054	1/2	106,351	1/2	95,648	1/2	84,945	1/2	74,240
3/4	3/4	3/4	3/4	3/4	148,765	3/4	138,170	3/4	127,525	3/4	116,831	3/4	106,128	3/4	95,425	3/4	84,722	3/4	74,017
6		6		6	148,545	6	137,948	6	127,303	6	116,608	6	105,905	6	95,202	6	84,499	6	73,794
1/4	1/4	1/4	1/4	1/4	148,326	1/4	137,726	1/4	127,081	1/4	116,386	1/4	105,682	1/4	94,979	1/4	84,276	1/4	73,571
1/2	1/2	1/2	1/2	1/2	148,106	1/2	137,504	1/2	126,860	1/2	116,163	1/2	105,459	1/2	94,756	1/2	84,053	1/2	73,348
3/4	3/4	3/4	3/4	3/4	147,886	3/4	137,283	3/4	126,638	3/4	115,940	3/4	105,236	3/4	94,533	3/4	83,830	3/4	73,125
7		7		7	147,666	7	137,061	7	126,416	7	115,717	7	105,013	7	94,310	7	83,607	7	72,902
1/4	1/4	1/4	1/4	1/4	147,447	1/4	136,839	1/4	126,194	1/4	115,494	1/4	104,790	1/4	94,087	1/4	83,384	1/4	72,679
1/2	1/2	1/2	1/2	1/2	147,227	1/2	136,617	1/2	125,973	1/2	115,271	1/2	104,567	1/2	93,864	1/2	83,161	1/2	72,456
3/4	3/4	3/4	3/4	3/4	147,007	3/4	136,395	3/4	125,751	3/4	115,048	3/4	104,344	3/4	93,641	3/4	82,938	3/4	72,233
8		8		8	146,788	8	136,174	8	125,528	8	114,825	8	104,121	8	93,418	8	82,715	8	72,010
1/4	1/4	1/4	1/4	1/4	146,568	1/4	135,952	1/4	125,305	1/4	114,602	1/4	103,898	1/4	93,195	1/4	82,492	1/4	71,787
1/2	1/2	1/2	1/2	1/2	146,348	1/2	135,730	1/2	125,082	1/2	114,379	1/2	103,675	1/2	92,972	1/2	82,269	1/2	71,564
3/4	3/4	3/4	3/4	3/4	146,128	3/4	135,508	3/4	124,859	3/4	114,156	3/4	103,452	3/4	92,749	3/4	82,046	3/4	71,341
9		9		9	145,909	9	135,287	9	124,636	9	113,933	9	103,229	9	92,526	9	81,823	9	71,118
1/4	1/4	1/4	1/4	1/4	145,689	1/4	135,065	1/4	124,413	1/4	113,710	1/4	103,006	1/4	92,303	1/4	81,600	1/4	70,895
1/2	1/2	1/2	1/2	1/2	145,469	1/2	134,843	1/2	124,190	1/2	113,487	1/2	102,783	1/2	92,080	1/2	81,377	1/2	70,672
3/4	3/4	3/4	3/4	3/4	145,250	3/4	134,621	3/4	123,967	3/4	113,264	3/4	102,560	3/4	91,857	3/4	81,154	3/4	70,449
10		10		10	145,030	10	134,400	10	123,744	10	113,041	10	102,337	10	91,634	10	80,931	10	70,226
1/4	1/4	1/4	1/4	1/4	144,810	1/4	134,178	1/4	123,521	1/4	112,818	1/4	102,114	1/4	91,411	1/4	80,708	1/4	70,002
1/2	1/2	1/2	1/2	1/2	144,590	1/2	133,956	1/2	123,298	1/2	112,595	1/2	101,891	1/2	91,188	1/2	80,485	1/2	69,779
3/4	3/4	3/4	3/4	3/4	144,371	3/4	133,734	3/4	123,075	3/4	112,372	3/4	101,669	3/4	90,965	3/4	80,262	3/4	69,556
11		11		11	144,151	11	133,513	11	122,852	11	112,149	11	101,446	11	90,742	11	80,038	11	69,333
1/4	1/4	1/4	1/4	1/4	143,931	1/4	133,291	1/4	122,629	1/4	111,926	1/4	101,223	1/4	90,519	1/4	79,815	1/4	69,110
1/2	1/2	1/2	1/2	1/2	143,712	1/2	133,069	1/2	122,406	1/2	111,703	1/2	101,000	1/2	90,296	1/2	79,592	1/2	68,887
3/4	3/4	3/4	3/4	3/4	151,362	3/4	143,492	3/4	132,847	3/4	122,183	3/4	111,480	3/4	100,777	3/4	90,073	3/4	68,664

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 22'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1347"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,441	0	57,736	0	47,031	0	36,326	0	25,644	0	14,942	0	4,249	0		0		0	
1/4	68,218	1/4	57,513	1/4	46,808	1/4	36,103	1/4	25,422	1/4	14,719	1/4	4,028	1/4	1/4		1/4		1/4
1/2	67,995	1/2	57,290	1/2	46,585	1/2	35,880	1/2	25,199	1/2	14,496	1/2	3,808	1/2	1/2		1/2		1/2
3/4	67,772	3/4	57,067	3/4	46,362	3/4	35,657	3/4	24,976	3/4	14,273	3/4	3,587	3/4	3/4		3/4		3/4
1	67,549	1	56,844	1	46,139	1	35,434	1	24,754	1	14,050	1	3,369	1	1		1		1
1/4	67,326	1/4	56,621	1/4	45,916	1/4	35,211	1/4	24,531	1/4	13,827	1/4	3,150	1/4	1/4		1/4		1/4
1/2	67,103	1/2	56,398	1/2	45,693	1/2	34,988	1/2	24,308	1/2	13,604	1/2	2,932	1/2	1/2		1/2		1/2
3/4	66,880	3/4	56,175	3/4	45,470	3/4	34,765	3/4	24,086	3/4	13,381	3/4	2,713	3/4	3/4		3/4		3/4
2	66,657	2	55,952	2	45,247	2	34,542	2	23,863	2	13,158	2	2,509	2	2		2		2
1/4	66,434	1/4	55,729	1/4	45,024	1/4	34,319	1/4	23,640	1/4	12,935	1/4	2,305	1/4	1/4		1/4		1/4
1/2	66,211	1/2	55,506	1/2	44,801	1/2	34,096	1/2	23,417	1/2	12,712	1/2	2,101	1/2	1/2		1/2		1/2
3/4	65,988	3/4	55,283	3/4	44,578	3/4	33,873	3/4	23,194	3/4	12,489	3/4	1,898	3/4	3/4		3/4		3/4
3	65,765	3	55,060	3	44,355	3	33,650	3	22,971	3	12,266	3	1,730	3	3		3		3
1/4	65,542	1/4	54,837	1/4	44,132	1/4	33,427	1/4	22,748	1/4	12,043	1/4	1,563	1/4	1/4		1/4		1/4
1/2	65,319	1/2	54,614	1/2	43,909	1/2	33,204	1/2	22,525	1/2	11,820	1/2	1,396	1/2	1/2		1/2		1/2
3/4	65,096	3/4	54,391	3/4	43,686	3/4	32,981	3/4	22,302	3/4	11,597	3/4	1,229	3/4	3/4		3/4		3/4
4	64,873	4	54,168	4	43,463	4	32,758	4	22,079	4	11,374	4	1,098	4	4		4		4
1/4	64,650	1/4	53,945	1/4	43,240	1/4	32,536	1/4	21,856	1/4	11,151	1/4	968	1/4	1/4		1/4		1/4
1/2	64,427	1/2	53,722	1/2	43,017	1/2	32,314	1/2	21,633	1/2	10,928	1/2	838	1/2	1/2		1/2		1/2
3/4	64,204	3/4	53,499	3/4	42,794	3/4	32,092	3/4	21,410	3/4	10,705	3/4	708	3/4	3/4		3/4		3/4
5	63,981	5	53,276	5	42,571	5	31,869	5	21,186	5	10,482	5	615	5	5		5		5
1/4	63,758	1/4	53,053	1/4	42,348	1/4	31,647	1/4	20,963	1/4	10,259	1/4	522	1/4	1/4		1/4		1/4
1/2	63,535	1/2	52,830	1/2	42,125	1/2	31,425	1/2	20,740	1/2	10,036	1/2	429	1/2	1/2		1/2		1/2
3/4	63,312	3/4	52,607	3/4	41,902	3/4	31,202	3/4	20,517	3/4	9,813	3/4	337	3/4	3/4		3/4		3/4
6	63,089	6	52,384	6	41,679	6	30,980	6	20,294	6	9,590	6	281	6	6		6		6
1/4	62,866	1/4	52,161	1/4	41,456	1/4	30,758	1/4	20,071	1/4	9,367	1/4	225	1/4	1/4		1/4		1/4
1/2	62,643	1/2	51,938	1/2	41,233	1/2	30,535	1/2	19,848	1/2	9,144	1/2	169	1/2	1/2		1/2		1/2
3/4	62,420	3/4	51,715	3/4	41,010	3/4	30,313	3/4	19,625	3/4	8,921	3/4	114	3/4	3/4		3/4		3/4
7	62,197	7	51,492	7	40,787	7	30,091	7	19,402	7	8,698	7	95	7	7		7		7
1/4	61,974	1/4	51,269	1/4	40,564	1/4	29,868	1/4	19,179	1/4	8,475	1/4	76	1/4	1/4		1/4		1/4
1/2	61,751	1/2	51,046	1/2	40,340	1/2	29,646	1/2	18,956	1/2	8,252	1/2	58	1/2	1/2		1/2		1/2
3/4	61,528	3/4	50,823	3/4	40,117	3/4	29,424	3/4	18,733	3/4	8,029	3/4	39	3/4	3/4		3/4		3/4
8	61,305	8	50,600	8	39,894	8	29,202	8	18,510	8	7,806	8		8	8		8		8
1/4	61,082	1/4	50,377	1/4	39,671	1/4	28,979	1/4	18,287	1/4	7,583	1/4		1/4	1/4		1/4		1/4
1/2	60,859	1/2	50,153	1/2	39,448	1/2	28,757	1/2	18,064	1/2	7,360	1/2		1/2	1/2		1/2		1/2
3/4	60,636	3/4	49,930	3/4	39,225	3/4	28,535	3/4	17,841	3/4	7,137	3/4		3/4	3/4		3/4		3/4
9	60,413	9	49,707	9	39,002	9	28,312	9	17,618	9	6,914	9		9	9		9		9
1/4	60,189	1/4	49,484	1/4	38,779	1/4	28,090	1/4	17,395	1/4	6,691	1/4		1/4	1/4		1/4		1/4
1/2	59,966	1/2	49,261	1/2	38,556	1/2	27,868	1/2	17,172	1/2	6,468	1/2		1/2	1/2		1/2		1/2
3/4	59,743	3/4	49,038	3/4	38,333	3/4	27,645	3/4	16,949	3/4	6,245	3/4		3/4	3/4		3/4		3/4
10	59,520	10	48,815	10	38,110	10	27,423	10	16,726	10	6,023	10		10	10		10		10
1/4	59,297	1/4	48,592	1/4	37,887	1/4	27,201	1/4	16,503	1/4	5,801	1/4		1/4	1/4		1/4		1/4
1/2	59,074	1/2	48,369	1/2	37,664	1/2	26,978	1/2	16,280	1/2	5,578	1/2		1/2	1/2		1/2		1/2
3/4	58,851	3/4	48,146	3/4	37,441	3/4	26,756	3/4	16,057	3/4	5,356	3/4		3/4	3/4		3/4		3/4
11	58,628	11	47,923	11	37,218	11	26,534	11	15,834	11	5,134	11		11	11		11		11
1/4	58,405	1/4	47,700	1/4	36,995	1/4	26,312	1/4	15,611	1/4	4,913	1/4		1/4	1/4		1/4		1/4
1/2	58,182	1/2	47,477	1/2	36,772	1/2	26,089	1/2	15,388	1/2	4,691	1/2		1/2	1/2		1/2		1/2
3/4	57,959	3/4	47,254	3/4	36,549	3/4	25,867	3/4	15,165	3/4	4,469	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 05/11/2012 CL
PRINTED: 05/11/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2012

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