



BARGE "CBC 1367"

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	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 7/8'

LENGTH BETWEEN DRAFT MARKS: 161'-09"

September 17, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1367"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	8,091	0	18,880	0	29,518	0	40,185	0	50,946	0	61,706	0	72,444	0	83,183	0	93,947
1/4	58	1/4	8,316	1/4	19,104	1/4	29,736	1/4	40,409	1/4	51,170	1/4	61,931	1/4	72,667	1/4	83,407	1/4	94,171
1/2	77	1/2	8,541	1/2	19,329	1/2	29,954	1/2	40,634	1/2	51,394	1/2	62,155	1/2	72,889	1/2	83,632	1/2	94,395
3/4	96	3/4	8,765	3/4	19,554	3/4	30,173	3/4	40,858	3/4	51,618	3/4	62,379	3/4	73,112	3/4	83,856	3/4	94,620
1	114	1	8,990	1	19,779	1	30,391	1	41,082	1	51,843	1	62,603	1	73,335	1	84,080	1	94,844
1/4	170	1/4	9,215	1/4	20,003	1/4	30,609	1/4	41,306	1/4	52,067	1/4	62,827	1/4	73,558	1/4	84,304	1/4	95,068
1/2	227	1/2	9,440	1/2	20,228	1/2	30,828	1/2	41,530	1/2	52,291	1/2	63,051	1/2	73,781	1/2	84,529	1/2	95,292
3/4	283	3/4	9,664	3/4	20,453	3/4	31,046	3/4	41,754	3/4	52,515	3/4	63,276	3/4	74,004	3/4	84,753	3/4	95,517
2	339	2	9,889	2	20,678	2	31,265	2	41,979	2	52,739	2	63,500	2	74,226	2	84,977	2	95,741
1/4	433	1/4	10,114	1/4	20,902	1/4	31,483	1/4	42,203	1/4	52,963	1/4	63,724	1/4	74,449	1/4	85,201	1/4	95,965
1/2	526	1/2	10,339	1/2	21,127	1/2	31,701	1/2	42,427	1/2	53,188	1/2	63,948	1/2	74,672	1/2	85,425	1/2	96,189
3/4	620	3/4	10,563	3/4	21,352	3/4	31,920	3/4	42,651	3/4	53,412	3/4	64,172	3/4	74,895	3/4	85,650	3/4	96,414
3	714	3	10,788	3	21,577	3	32,138	3	42,875	3	53,636	3	64,397	3	75,118	3	85,874	3	96,638
1/4	845	1/4	11,013	1/4	21,801	1/4	32,356	1/4	43,100	1/4	53,860	1/4	64,621	1/4	75,341	1/4	86,098	1/4	96,862
1/2	976	1/2	11,238	1/2	22,026	1/2	32,575	1/2	43,324	1/2	54,084	1/2	64,845	1/2	75,563	1/2	86,322	1/2	97,086
3/4	1,107	3/4	11,462	3/4	22,251	3/4	32,793	3/4	43,548	3/4	54,309	3/4	65,069	3/4	75,786	3/4	86,547	3/4	97,311
4	1,238	4	11,687	4	22,476	4	33,012	4	43,772	4	54,533	4	65,293	4	76,009	4	86,771	4	97,535
1/4	1,406	1/4	11,912	1/4	22,700	1/4	33,236	1/4	43,996	1/4	54,757	1/4	65,517	1/4	76,233	1/4	86,995	1/4	97,759
1/2	1,575	1/2	12,137	1/2	22,925	1/2	33,460	1/2	44,220	1/2	54,981	1/2	65,742	1/2	76,456	1/2	87,219	1/2	97,983
3/4	1,743	3/4	12,361	3/4	23,150	3/4	33,684	3/4	44,445	3/4	55,205	3/4	65,966	3/4	76,680	3/4	87,444	3/4	98,208
5	1,912	5	12,586	5	23,375	5	33,908	5	44,669	5	55,429	5	66,190	5	76,903	5	87,668	5	98,432
1/4	2,117	1/4	12,811	1/4	23,599	1/4	34,132	1/4	44,893	1/4	55,654	1/4	66,414	1/4	77,127	1/4	87,892	1/4	98,656
1/2	2,323	1/2	13,036	1/2	23,824	1/2	34,357	1/2	45,117	1/2	55,878	1/2	66,638	1/2	77,352	1/2	88,116	1/2	98,880
3/4	2,528	3/4	13,261	3/4	24,049	3/4	34,581	3/4	45,341	3/4	56,102	3/4	66,863	3/4	77,576	3/4	88,341	3/4	99,105
6	2,734	6	13,485	6	24,274	6	34,805	6	45,566	6	56,326	6	67,087	6	77,800	6	88,565	6	99,329
1/4	2,954	1/4	13,710	1/4	24,493	1/4	35,029	1/4	45,790	1/4	56,550	1/4	67,310	1/4	78,025	1/4	88,789	1/4	99,553
1/2	3,174	1/2	13,935	1/2	24,711	1/2	35,253	1/2	46,014	1/2	56,774	1/2	67,534	1/2	78,249	1/2	89,013	1/2	99,777
3/4	3,395	3/4	14,160	3/4	24,930	3/4	35,477	3/4	46,238	3/4	56,999	3/4	67,757	3/4	78,473	3/4	89,238	3/4	100,002
7	3,615	7	14,384	7	25,149	7	35,702	7	46,462	7	57,223	7	67,981	7	78,697	7	89,462	7	100,226
1/4	3,837	1/4	14,609	1/4	25,368	1/4	35,926	1/4	46,686	1/4	57,447	1/4	68,205	1/4	78,922	1/4	89,686	1/4	100,450
1/2	4,059	1/2	14,834	1/2	25,586	1/2	36,150	1/2	46,911	1/2	57,671	1/2	68,428	1/2	79,146	1/2	89,910	1/2	100,674
3/4	4,282	3/4	15,059	3/4	25,805	3/4	36,374	3/4	47,135	3/4	57,895	3/4	68,652	3/4	79,370	3/4	90,135	3/4	100,899
8	4,504	8	15,283	8	26,024	8	36,598	8	47,359	8	58,120	8	68,875	8	79,595	8	90,359	8	101,123
1/4	4,727	1/4	15,508	1/4	26,242	1/4	36,823	1/4	47,583	1/4	58,344	1/4	69,099	1/4	79,819	1/4	90,583	1/4	101,347
1/2	4,951	1/2	15,733	1/2	26,461	1/2	37,047	1/2	47,807	1/2	58,568	1/2	69,323	1/2	80,043	1/2	90,807	1/2	101,571
3/4	5,174	3/4	15,958	3/4	26,679	3/4	37,271	3/4	48,032	3/4	58,792	3/4	69,546	3/4	80,267	3/4	91,032	3/4	101,796
9	5,397	9	16,182	9	26,897	9	37,495	9	48,256	9	59,016	9	69,770	9	80,492	9	91,256	9	102,020
1/4	5,621	1/4	16,407	1/4	27,116	1/4	37,719	1/4	48,480	1/4	59,240	1/4	69,993	1/4	80,716	1/4	91,480	1/4	102,244
1/2	5,846	1/2	16,632	1/2	27,334	1/2	37,943	1/2	48,704	1/2	59,465	1/2	70,215	1/2	80,940	1/2	91,704	1/2	102,468
3/4	6,070	3/4	16,857	3/4	27,552	3/4	38,168	3/4	48,928	3/4	59,689	3/4	70,438	3/4	81,164	3/4	91,929	3/4	102,693
10	6,294	10	17,081	10	27,771	10	38,392	10	49,152	10	59,913	10	70,661	10	81,389	10	92,153	10	102,917
1/4	6,518	1/4	17,306	1/4	27,989	1/4	38,616	1/4	49,377	1/4	60,137	1/4	70,884	1/4	81,613	1/4	92,377	1/4	103,141
1/2	6,743	1/2	17,531	1/2	28,207	1/2	38,840	1/2	49,601	1/2	60,361	1/2	71,107	1/2	81,837	1/2	92,601	1/2	103,365
3/4	6,968	3/4	17,756	3/4	28,426	3/4	39,064	3/4	49,825	3/4	60,586	3/4	71,330	3/4	82,062	3/4	92,826	3/4	103,590
11	7,192	11	17,980	11	28,644	11	39,289	11	50,049	11	60,810	11	71,552	11	82,286	11	93,050	11	103,814
1/4	7,417	1/4	18,205	1/4	28,863	1/4	39,513	1/4	50,273	1/4	61,034	1/4	71,775	1/4	82,510	1/4	93,274	1/4	104,038
1/2	7,642	1/2	18,430	1/2	29,081	1/2	39,737	1/2	50,497	1/2	61,258	1/2	71,998	1/2	82,734	1/2	93,498	1/2	104,262
3/4	7,866	3/4	18,655	3/4	29,299	3/4	39,961	3/4	50,722	3/4	61,482	3/4	72,221	3/4	82,959	3/4	93,723	3/4	104,487

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

<http://www.pmacorp.net>



BARGE "CBC 1367"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	104,711	0	114,811	0	124,271	0	133,688	0	143,089	0		0		0		0		0	
1/4	104,935	1/4	115,008	1/4	124,467	1/4	133,885	1/4	143,284	1/4		1/4		1/4		1/4		1/4	
1/2	105,159	1/2	115,206	1/2	124,664	1/2	134,081	1/2	143,478	1/2		1/2		1/2		1/2		1/2	
3/4	105,383	3/4	115,403	3/4	124,860	3/4	134,278	3/4	143,673	3/4		3/4		3/4		3/4		3/4	
1	105,607	1	115,600	1	125,057	1	134,475	1	143,867	1		1		1		1		1	
1/4	105,831	1/4	115,797	1/4	125,254	1/4	134,671	1/4	144,062	1/4		1/4		1/4		1/4		1/4	
1/2	106,055	1/2	115,994	1/2	125,450	1/2	134,868	1/2	144,256	1/2		1/2		1/2		1/2		1/2	
3/4	106,279	3/4	116,191	3/4	125,647	3/4	135,064	3/4	144,451	3/4		3/4		3/4		3/4		3/4	
2	106,503	2	116,388	2	125,843	2	135,261	2	144,645	2		2		2		2		2	
1/4	106,727	1/4	116,585	1/4	126,040	1/4	135,457	1/4	144,849	1/4		1/4		1/4		1/4		1/4	
1/2	106,951	1/2	116,782	1/2	126,236	1/2	135,654	1/2	145,052	1/2		1/2		1/2		1/2		1/2	
3/4	107,175	3/4	116,979	3/4	126,433	3/4	135,850	3/4	145,255	3/4		3/4		3/4		3/4		3/4	
3	107,399	3	117,176	3	126,629	3	136,047	3	145,459	3		3		3		3		3	
1/4	107,623	1/4	117,373	1/4	126,826	1/4	136,243	1/4	145,625	1/4		1/4		1/4		1/4		1/4	
1/2	107,847	1/2	117,570	1/2	127,023	1/2	136,440	1/2	145,791	1/2		1/2		1/2		1/2		1/2	
3/4	108,071	3/4	117,767	3/4	127,219	3/4	136,637	3/4	145,957	3/4		3/4		3/4		3/4		3/4	
4	108,295	4	117,965	4	127,416	4	136,833	4	146,122	4		4		4		4		4	
1/4	108,519	1/4	118,162	1/4	127,612	1/4	137,030	1/4	146,251	1/4		1/4		1/4		1/4		1/4	
1/2	108,743	1/2	118,359	1/2	127,809	1/2	137,226	1/2	146,379	1/2		1/2		1/2		1/2		1/2	
3/4	108,967	3/4	118,556	3/4	128,005	3/4	137,423	3/4	146,508	3/4		3/4		3/4		3/4		3/4	
5	109,191	5	118,753	5	128,202	5	137,619	5	146,636	5		5		5		5		5	
1/4	109,415	1/4	118,950	1/4	128,398	1/4	137,816	1/4	146,727	1/4		1/4		1/4		1/4		1/4	
1/2	109,639	1/2	119,147	1/2	128,595	1/2	138,012	1/2	146,818	1/2		1/2		1/2		1/2		1/2	
3/4	109,863	3/4	119,344	3/4	128,791	3/4	138,209	3/4	146,909	3/4		3/4		3/4		3/4		3/4	
6	110,087	6	119,541	6	128,988	6	138,405	6	147,000	6		6		6		6		6	
1/4	110,284	1/4	119,738	1/4	129,184	1/4	138,602	1/4	147,054	1/4		1/4		1/4		1/4		1/4	
1/2	110,481	1/2	119,935	1/2	129,380	1/2	138,799	1/2	147,107	1/2		1/2		1/2		1/2		1/2	
3/4	110,677	3/4	120,132	3/4	129,576	3/4	138,995	3/4	147,161	3/4		3/4		3/4		3/4		3/4	
7	110,874	7	120,329	7	129,771	7	139,192	7	147,214	7		7		7		7		7	
1/4	111,071	1/4	120,526	1/4	129,967	1/4	139,388	1/4	147,230	1/4		1/4		1/4		1/4		1/4	
1/2	111,268	1/2	120,724	1/2	130,163	1/2	139,585	1/2	147,247	1/2		1/2		1/2		1/2		1/2	
3/4	111,465	3/4	120,921	3/4	130,359	3/4	139,781	3/4	147,263	3/4		3/4		3/4		3/4		3/4	
8	111,662	8	121,118	8	130,555	8	139,978	8	147,279	8		8		8		8		8	
1/4	111,859	1/4	121,315	1/4	130,751	1/4	140,172	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,055	1/2	121,512	1/2	130,946	1/2	140,367	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,252	3/4	121,709	3/4	131,142	3/4	140,561	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,449	9	121,906	9	131,338	9	140,756	9		9		9		9		9		9	
1/4	112,646	1/4	122,103	1/4	131,534	1/4	140,950	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,843	1/2	122,300	1/2	131,730	1/2	141,145	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,040	3/4	122,497	3/4	131,926	3/4	141,339	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,237	10	122,694	10	132,122	10	141,534	10		10		10		10		10		10	
1/4	113,433	1/4	122,891	1/4	132,317	1/4	141,728	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,630	1/2	123,088	1/2	132,513	1/2	141,923	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,827	3/4	123,285	3/4	132,709	3/4	142,117	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,024	11	123,483	11	132,905	11	142,312	11		11		11		11		11		11	
1/4	114,221	1/4	123,680	1/4	133,101	1/4	142,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,418	1/2	123,877	1/2	133,297	1/2	142,701	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,615	3/4	124,074	3/4	133,492	3/4	142,895	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/16/2013 SW
CALCULATED: 09/17/2013 CL
PRINTED: 09/17/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 1367"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	9,058	0	21,142	0	33,078	0	45,015	0	57,099	0	69,183	0	81,267	0	93,352	0	105,433
1/4	60	1/4	9,310	1/4	21,393	1/4	33,323	1/4	45,267	1/4	57,351	1/4	69,435	1/4	81,519	1/4	93,603	1/4	105,685
1/2	81	1/2	9,561	1/2	21,645	1/2	33,567	1/2	45,519	1/2	57,603	1/2	69,687	1/2	81,771	1/2	93,855	1/2	105,937
3/4	102	3/4	9,813	3/4	21,897	3/4	33,811	3/4	45,771	3/4	57,855	3/4	69,939	3/4	82,023	3/4	94,107	3/4	106,189
1	123	1	10,065	1	22,149	1	34,056	1	46,022	1	58,106	1	70,190	1	82,274	1	94,358	1	106,440
1/4	186	1/4	10,317	1/4	22,400	1/4	34,300	1/4	46,274	1/4	58,358	1/4	70,442	1/4	82,526	1/4	94,610	1/4	106,692
1/2	249	1/2	10,568	1/2	22,652	1/2	34,544	1/2	46,526	1/2	58,610	1/2	70,694	1/2	82,778	1/2	94,862	1/2	106,944
3/4	312	3/4	10,820	3/4	22,904	3/4	34,789	3/4	46,778	3/4	58,862	3/4	70,946	3/4	83,030	3/4	95,113	3/4	107,195
2	375	2	11,072	2	23,156	2	35,033	2	47,029	2	59,113	2	71,197	2	83,281	2	95,365	2	107,447
1/4	480	1/4	11,324	1/4	23,407	1/4	35,277	1/4	47,281	1/4	59,365	1/4	71,449	1/4	83,533	1/4	95,617	1/4	107,699
1/2	585	1/2	11,575	1/2	23,659	1/2	35,522	1/2	47,533	1/2	59,617	1/2	71,701	1/2	83,785	1/2	95,869	1/2	107,951
3/4	690	3/4	11,827	3/4	23,911	3/4	35,766	3/4	47,785	3/4	59,869	3/4	71,953	3/4	84,037	3/4	96,120	3/4	108,202
3	794	3	12,079	3	24,162	3	36,010	3	48,036	3	60,120	3	72,204	3	84,288	3	96,372	3	108,454
1/4	941	1/4	12,331	1/4	24,414	1/4	36,255	1/4	48,288	1/4	60,372	1/4	72,456	1/4	84,540	1/4	96,624	1/4	108,706
1/2	1,088	1/2	12,582	1/2	24,666	1/2	36,499	1/2	48,540	1/2	60,624	1/2	72,708	1/2	84,792	1/2	96,875	1/2	108,957
3/4	1,235	3/4	12,834	3/4	24,918	3/4	36,743	3/4	48,792	3/4	60,876	3/4	72,960	3/4	85,044	3/4	97,127	3/4	109,209
4	1,382	4	13,086	4	25,169	4	36,988	4	49,043	4	61,127	4	73,211	4	85,295	4	97,379	4	109,461
1/4	1,571	1/4	13,338	1/4	25,421	1/4	37,232	1/4	49,295	1/4	61,379	1/4	73,463	1/4	85,547	1/4	97,631	1/4	109,712
1/2	1,759	1/2	13,589	1/2	25,673	1/2	37,477	1/2	49,547	1/2	61,631	1/2	73,715	1/2	85,799	1/2	97,882	1/2	109,964
3/4	1,948	3/4	13,841	3/4	25,925	3/4	37,722	3/4	49,799	3/4	61,883	3/4	73,967	3/4	86,051	3/4	98,134	3/4	110,216
5	2,137	5	14,093	5	26,176	5	37,966	5	50,050	5	62,134	5	74,218	5	86,302	5	98,386	5	110,468
1/4	2,367	1/4	14,345	1/4	26,428	1/4	38,218	1/4	50,302	1/4	62,386	1/4	74,470	1/4	86,554	1/4	98,637	1/4	110,719
1/2	2,597	1/2	14,596	1/2	26,680	1/2	38,470	1/2	50,554	1/2	62,638	1/2	74,722	1/2	86,806	1/2	98,889	1/2	110,971
3/4	2,827	3/4	14,848	3/4	26,932	3/4	38,722	3/4	50,806	3/4	62,890	3/4	74,974	3/4	87,058	3/4	99,141	3/4	111,223
6	3,057	6	15,100	6	27,183	6	38,973	6	51,057	6	63,141	6	75,225	6	87,309	6	99,392	6	111,474
1/4	3,304	1/4	15,352	1/4	27,435	1/4	39,225	1/4	51,309	1/4	63,393	1/4	75,477	1/4	87,561	1/4	99,644	1/4	111,726
1/2	3,551	1/2	15,603	1/2	27,687	1/2	39,477	1/2	51,561	1/2	63,645	1/2	75,729	1/2	87,813	1/2	99,896	1/2	111,978
3/4	3,798	3/4	15,855	3/4	27,939	3/4	39,729	3/4	51,813	3/4	63,897	3/4	75,981	3/4	88,065	3/4	100,148	3/4	112,230
7	4,044	7	16,107	7	28,190	7	39,980	7	52,064	7	64,148	7	76,232	7	88,316	7	100,399	7	112,481
1/4	4,293	1/4	16,358	1/4	28,435	1/4	40,232	1/4	52,316	1/4	64,400	1/4	76,484	1/4	88,568	1/4	100,651	1/4	112,733
1/2	4,542	1/2	16,610	1/2	28,680	1/2	40,484	1/2	52,568	1/2	64,652	1/2	76,736	1/2	88,820	1/2	100,903	1/2	112,985
3/4	4,791	3/4	16,862	3/4	28,924	3/4	40,736	3/4	52,820	3/4	64,904	3/4	76,988	3/4	89,072	3/4	101,154	3/4	113,236
8	5,040	8	17,114	8	29,169	8	40,987	8	53,071	8	65,155	8	77,239	8	89,323	8	101,406	8	113,488
1/4	5,290	1/4	17,365	1/4	29,413	1/4	41,239	1/4	53,323	1/4	65,407	1/4	77,491	1/4	89,575	1/4	101,658	1/4	113,740
1/2	5,540	1/2	17,617	1/2	29,658	1/2	41,491	1/2	53,575	1/2	65,659	1/2	77,743	1/2	89,827	1/2	101,910	1/2	113,992
3/4	5,791	3/4	17,869	3/4	29,902	3/4	41,743	3/4	53,827	3/4	65,911	3/4	77,995	3/4	90,079	3/4	102,161	3/4	114,243
9	6,041	9	18,121	9	30,146	9	41,994	9	54,078	9	66,162	9	78,246	9	90,330	9	102,413	9	114,495
1/4	6,292	1/4	18,372	1/4	30,391	1/4	42,246	1/4	54,330	1/4	66,414	1/4	78,498	1/4	90,582	1/4	102,665	1/4	114,747
1/2	6,543	1/2	18,624	1/2	30,635	1/2	42,498	1/2	54,582	1/2	66,666	1/2	78,750	1/2	90,834	1/2	102,916	1/2	114,998
3/4	6,794	3/4	18,876	3/4	30,879	3/4	42,750	3/4	54,834	3/4	66,918	3/4	79,002	3/4	91,086	3/4	103,168	3/4	115,250
10	7,045	10	19,128	10	31,124	10	43,001	10	55,085	10	67,169	10	79,253	10	91,337	10	103,420	10	115,502
1/4	7,297	1/4	19,379	1/4	31,368	1/4	43,253	1/4	55,337	1/4	67,421	1/4	79,505	1/4	91,589	1/4	103,672	1/4	115,753
1/2	7,548	1/2	19,631	1/2	31,612	1/2	43,505	1/2	55,589	1/2	67,673	1/2	79,757	1/2	91,841	1/2	103,923	1/2	116,005
3/4	7,800	3/4	19,883	3/4	31,857	3/4	43,757	3/4	55,841	3/4	67,925	3/4	80,009	3/4	92,093	3/4	104,175	3/4	116,257
11	8,051	11	20,135	11	32,101	11	44,008	11	56,092	11	68,176	11	80,260	11	92,345	11	104,427	11	116,509
1/4	8,303	1/4	20,386	1/4	32,345	1/4	44,260	1/4	56,344	1/4	68,428	1/4	80,512	1/4	92,596	1/4	104,678	1/4	116,760
1/2	8,555	1/2	20,638	1/2	32,590	1/2	44,512	1/2	56,596	1/2	68,680	1/2	80,764	1/2	92,848	1/2	104,930	1/2	117,012
3/4	8,806	3/4	20,890	3/4	32,834	3/4	44,764	3/4	56,848	3/4	68,932	3/4	81,016	3/4	93,100	3/4	105,182	3/4	117,264

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 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1367"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	117,515	0	129,597	0	141,679	0	153,694	0	165,672	0		0		0		0		0	
1/4	117,767	1/4	129,849	1/4	141,930	1/4	153,944	1/4	165,920	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,019	1/2	130,101	1/2	142,180	1/2	154,195	1/2	166,168	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,271	3/4	130,352	3/4	142,430	3/4	154,445	3/4	166,416	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,522	1	130,604	1	142,681	1	154,695	1	166,664	1	1	1	1	1	1	1	1	1	1
1/4	118,774	1/4	130,856	1/4	142,931	1/4	154,946	1/4	166,912	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,026	1/2	131,108	1/2	143,181	1/2	155,196	1/2	167,160	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,277	3/4	131,359	3/4	143,431	3/4	155,446	3/4	167,408	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,529	2	131,611	2	143,682	2	155,697	2	167,656	2	2	2	2	2	2	2	2	2	2
1/4	119,781	1/4	131,863	1/4	143,932	1/4	155,947	1/4	167,883	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,032	1/2	132,114	1/2	144,182	1/2	156,197	1/2	168,110	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,284	3/4	132,366	3/4	144,433	3/4	156,447	3/4	168,337	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,536	3	132,618	3	144,683	3	156,698	3	168,564	3	3	3	3	3	3	3	3	3	3
1/4	120,788	1/4	132,870	1/4	144,933	1/4	156,948	1/4	168,749	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,039	1/2	133,121	1/2	145,184	1/2	157,198	1/2	168,934	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,291	3/4	133,373	3/4	145,434	3/4	157,449	3/4	169,119	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,543	4	133,625	4	145,684	4	157,699	4	169,304	4	4	4	4	4	4	4	4	4	4
1/4	121,794	1/4	133,876	1/4	145,935	1/4	157,949	1/4	169,447	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,046	1/2	134,128	1/2	146,185	1/2	158,200	1/2	169,590	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,298	3/4	134,380	3/4	146,435	3/4	158,450	3/4	169,733	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,550	5	134,632	5	146,685	5	158,700	5	169,877	5	5	5	5	5	5	5	5	5	5
1/4	122,801	1/4	134,883	1/4	146,936	1/4	158,951	1/4	169,978	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,053	1/2	135,135	1/2	147,186	1/2	159,201	1/2	170,079	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,305	3/4	135,387	3/4	147,436	3/4	159,451	3/4	170,180	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,556	6	135,638	6	147,687	6	159,701	6	170,281	6	6	6	6	6	6	6	6	6	6
1/4	123,808	1/4	135,890	1/4	147,937	1/4	159,952	1/4	170,340	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,060	1/2	136,142	1/2	148,187	1/2	160,202	1/2	170,399	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,312	3/4	136,393	3/4	148,438	3/4	160,452	3/4	170,459	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,563	7	136,645	7	148,688	7	160,703	7	170,518	7	7	7	7	7	7	7	7	7	7
1/4	124,815	1/4	136,897	1/4	148,938	1/4	160,953	1/4	170,535	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,067	1/2	137,149	1/2	149,189	1/2	161,203	1/2	170,552	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,318	3/4	137,400	3/4	149,439	3/4	161,454	3/4	170,569	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,570	8	137,652	8	149,689	8	161,704	8	170,587	8	8	8	8	8	8	8	8	8	8
1/4	125,822	1/4	137,904	1/4	149,939	1/4	161,952	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,073	1/2	138,155	1/2	150,190	1/2	162,200	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,325	3/4	138,407	3/4	150,440	3/4	162,448	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,577	9	138,659	9	150,690	9	162,696	9		9	9	9	9	9	9	9	9	9	9
1/4	126,829	1/4	138,911	1/4	150,941	1/4	162,944	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,080	1/2	139,162	1/2	151,191	1/2	163,192	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,332	3/4	139,414	3/4	151,441	3/4	163,440	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,584	10	139,666	10	151,692	10	163,688	10		10	10	10	10	10	10	10	10	10	10
1/4	127,835	1/4	139,917	1/4	151,942	1/4	163,936	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,087	1/2	140,169	1/2	152,192	1/2	164,184	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,339	3/4	140,421	3/4	152,443	3/4	164,432	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,591	11	140,672	11	152,693	11	164,680	11		11	11	11	11	11	11	11	11	11	11
1/4	128,842	1/4	140,924	1/4	152,943	1/4	164,928	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,094	1/2	141,176	1/2	153,193	1/2	165,176	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,346	3/4	141,428	3/4	153,444	3/4	165,424	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: 09/16/2013 SW
CALCULATED: 09/17/2013 CL
PRINTED: 09/17/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 1367"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,044	0	18,770	0	29,481	0	40,196	0	50,922	0	61,648	0	72,374	0	83,100	0	93,824
1/4	58	1/4	8,268	1/4	18,993	1/4	29,704	1/4	40,419	1/4	51,145	1/4	61,871	1/4	72,597	1/4	83,323	1/4	94,047
1/2	77	1/2	8,491	1/2	19,217	1/2	29,927	1/2	40,643	1/2	51,369	1/2	62,095	1/2	72,821	1/2	83,546	1/2	94,271
3/4	95	3/4	8,715	3/4	19,440	3/4	30,149	3/4	40,866	3/4	51,592	3/4	62,318	3/4	73,044	3/4	83,770	3/4	94,494
1	114	1	8,938	1	19,664	1	30,372	1	41,090	1	51,816	1	62,541	1	73,267	1	83,993	1	94,717
1/4	170	1/4	9,162	1/4	19,887	1/4	30,595	1/4	41,313	1/4	52,039	1/4	62,765	1/4	73,491	1/4	84,217	1/4	94,941
1/2	226	1/2	9,385	1/2	20,111	1/2	30,818	1/2	41,536	1/2	52,262	1/2	62,988	1/2	73,714	1/2	84,440	1/2	95,164
3/4	281	3/4	9,609	3/4	20,334	3/4	31,040	3/4	41,760	3/4	52,486	3/4	63,212	3/4	73,938	3/4	84,664	3/4	95,388
2	337	2	9,832	2	20,557	2	31,263	2	41,983	2	52,709	2	63,435	2	74,161	2	84,887	2	95,611
1/4	430	1/4	10,055	1/4	20,781	1/4	31,486	1/4	42,207	1/4	52,933	1/4	63,659	1/4	74,385	1/4	85,110	1/4	95,835
1/2	523	1/2	10,279	1/2	21,004	1/2	31,709	1/2	42,430	1/2	53,156	1/2	63,882	1/2	74,608	1/2	85,334	1/2	96,058
3/4	617	3/4	10,502	3/4	21,228	3/4	31,931	3/4	42,654	3/4	53,380	3/4	64,106	3/4	74,832	3/4	85,557	3/4	96,281
3	710	3	10,726	3	21,451	3	32,154	3	42,877	3	53,603	3	64,329	3	75,055	3	85,781	3	96,505
1/4	840	1/4	10,949	1/4	21,675	1/4	32,377	1/4	43,101	1/4	53,827	1/4	64,553	1/4	75,279	1/4	86,004	1/4	96,728
1/2	970	1/2	11,173	1/2	21,898	1/2	32,600	1/2	43,324	1/2	54,050	1/2	64,776	1/2	75,502	1/2	86,227	1/2	96,952
3/4	1,101	3/4	11,396	3/4	22,122	3/4	32,822	3/4	43,548	3/4	54,274	3/4	65,000	3/4	75,725	3/4	86,451	3/4	97,175
4	1,231	4	11,620	4	22,345	4	33,045	4	43,771	4	54,497	4	65,223	4	75,949	4	86,674	4	97,398
1/4	1,399	1/4	11,843	1/4	22,569	1/4	33,269	1/4	43,995	1/4	54,720	1/4	65,446	1/4	76,172	1/4	86,898	1/4	97,622
1/2	1,566	1/2	12,066	1/2	22,792	1/2	33,492	1/2	44,218	1/2	54,944	1/2	65,670	1/2	76,396	1/2	87,121	1/2	97,845
3/4	1,734	3/4	12,290	3/4	23,015	3/4	33,715	3/4	44,441	3/4	55,167	3/4	65,893	3/4	76,619	3/4	87,345	3/4	98,069
5	1,901	5	12,513	5	23,239	5	33,939	5	44,665	5	55,391	5	66,117	5	76,843	5	87,568	5	98,292
1/4	2,106	1/4	12,737	1/4	23,462	1/4	34,162	1/4	44,888	1/4	55,614	1/4	66,340	1/4	77,066	1/4	87,791	1/4	98,516
1/2	2,310	1/2	12,960	1/2	23,686	1/2	34,386	1/2	45,112	1/2	55,838	1/2	66,564	1/2	77,290	1/2	88,015	1/2	98,739
3/4	2,514	3/4	13,184	3/4	23,909	3/4	34,609	3/4	45,335	3/4	56,061	3/4	66,787	3/4	77,513	3/4	88,238	3/4	98,962
6	2,718	6	13,407	6	24,133	6	34,833	6	45,559	6	56,285	6	67,011	6	77,737	6	88,462	6	99,186
1/4	2,937	1/4	13,631	1/4	24,356	1/4	35,056	1/4	45,782	1/4	56,508	1/4	67,234	1/4	77,960	1/4	88,685	1/4	99,409
1/2	3,156	1/2	13,854	1/2	24,579	1/2	35,280	1/2	46,006	1/2	56,732	1/2	67,458	1/2	78,184	1/2	88,908	1/2	99,633
3/4	3,375	3/4	14,077	3/4	24,802	3/4	35,503	3/4	46,229	3/4	56,955	3/4	67,681	3/4	78,407	3/4	89,132	3/4	99,856
7	3,594	7	14,301	7	25,025	7	35,727	7	46,453	7	57,179	7	67,904	7	78,630	7	89,355	7	100,079
1/4	3,815	1/4	14,524	1/4	25,248	1/4	35,950	1/4	46,676	1/4	57,402	1/4	68,128	1/4	78,854	1/4	89,579	1/4	100,303
1/2	4,036	1/2	14,748	1/2	25,471	1/2	36,173	1/2	46,899	1/2	57,625	1/2	68,351	1/2	79,077	1/2	89,802	1/2	100,526
3/4	4,257	3/4	14,971	3/4	25,694	3/4	36,397	3/4	47,123	3/4	57,849	3/4	68,575	3/4	79,301	3/4	90,026	3/4	100,750
8	4,478	8	15,195	8	25,917	8	36,620	8	47,346	8	58,072	8	68,798	8	79,524	8	90,249	8	100,973
1/4	4,700	1/4	15,418	1/4	26,140	1/4	36,844	1/4	47,570	1/4	58,296	1/4	69,022	1/4	79,748	1/4	90,472	1/4	101,197
1/2	4,922	1/2	15,642	1/2	26,363	1/2	37,067	1/2	47,793	1/2	58,519	1/2	69,245	1/2	79,971	1/2	90,696	1/2	101,420
3/4	5,144	3/4	15,865	3/4	26,586	3/4	37,291	3/4	48,017	3/4	58,743	3/4	69,469	3/4	80,195	3/4	90,919	3/4	101,643
9	5,366	9	16,089	9	26,808	9	37,514	9	48,240	9	58,966	9	69,692	9	80,418	9	91,143	9	101,867
1/4	5,589	1/4	16,312	1/4	27,031	1/4	37,738	1/4	48,464	1/4	59,190	1/4	69,916	1/4	80,642	1/4	91,366	1/4	102,090
1/2	5,812	1/2	16,535	1/2	27,254	1/2	37,961	1/2	48,687	1/2	59,413	1/2	70,139	1/2	80,865	1/2	91,590	1/2	102,314
3/4	6,035	3/4	16,759	3/4	27,477	3/4	38,185	3/4	48,911	3/4	59,637	3/4	70,362	3/4	81,088	3/4	91,813	3/4	102,537
10	6,258	10	16,982	10	27,699	10	38,408	10	49,134	10	59,860	10	70,586	10	81,312	10	92,036	10	102,761
1/4	6,481	1/4	17,206	1/4	27,922	1/4	38,632	1/4	49,357	1/4	60,083	1/4	70,809	1/4	81,535	1/4	92,260	1/4	102,984
1/2	6,704	1/2	17,429	1/2	28,145	1/2	38,855	1/2	49,581	1/2	60,307	1/2	71,033	1/2	81,759	1/2	92,483	1/2	103,207
3/4	6,927	3/4	17,653	3/4	28,368	3/4	39,078	3/4	49,804	3/4	60,530	3/4	71,256	3/4	81,982	3/4	92,707	3/4	103,431
11	7,151	11	17,876	11	28,590	11	39,302	11	50,028	11	60,754	11	71,480	11	82,206	11	92,930	11	103,654
1/4	7,374	1/4	18,100	1/4	28,813	1/4	39,525	1/4	50,251	1/4	60,977	1/4	71,703	1/4	82,429	1/4	93,153	1/4	103,878
1/2	7,598	1/2	18,323	1/2	29,036	1/2	39,749	1/2	50,475	1/2	61,201	1/2	71,927	1/2	82,653	1/2	93,377	1/2	104,101
3/4	7,821	3/4	18,546	3/4	29,259	3/4	39,972	3/4	50,698	3/4	61,424	3/4	72,150	3/4	82,876	3/4	93,600	3/4	104,324

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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Pearland, Texas 77588

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BARGE "CBC 1367"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

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	104,548	0	115,272	0	125,996	0	136,662	0	147,294	0		0		0		0		0	
1/4	104,771	1/4	115,495	1/4	126,218	1/4	136,884	1/4	147,514	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,995	1/2	115,719	1/2	126,441	1/2	137,106	1/2	147,734	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,218	3/4	115,942	3/4	126,663	3/4	137,328	3/4	147,954	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,442	1	116,166	1	126,885	1	137,550	1	148,175	1	1	1	1	1	1	1	1	1	1
1/4	105,665	1/4	116,389	1/4	127,107	1/4	137,772	1/4	148,395	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,888	1/2	116,613	1/2	127,329	1/2	137,995	1/2	148,615	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,112	3/4	116,836	3/4	127,552	3/4	138,217	3/4	148,835	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,335	2	117,059	2	127,774	2	138,439	2	149,055	2	2	2	2	2	2	2	2	2	2
1/4	106,559	1/4	117,283	1/4	127,996	1/4	138,661	1/4	149,257	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,782	1/2	117,506	1/2	128,218	1/2	138,883	1/2	149,458	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,005	3/4	117,730	3/4	128,440	3/4	139,106	3/4	149,660	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,229	3	117,953	3	128,663	3	139,328	3	149,861	3	3	3	3	3	3	3	3	3	3
1/4	107,452	1/4	118,176	1/4	128,885	1/4	139,550	1/4	150,026	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,676	1/2	118,400	1/2	129,107	1/2	139,772	1/2	150,190	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,899	3/4	118,623	3/4	129,329	3/4	139,994	3/4	150,354	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,123	4	118,847	4	129,551	4	140,217	4	150,518	4	4	4	4	4	4	4	4	4	4
1/4	108,346	1/4	119,070	1/4	129,773	1/4	140,439	1/4	150,645	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,569	1/2	119,294	1/2	129,996	1/2	140,661	1/2	150,772	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,793	3/4	119,517	3/4	130,218	3/4	140,883	3/4	150,899	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,016	5	119,740	5	130,440	5	141,105	5	151,026	5	5	5	5	5	5	5	5	5	5
1/4	109,240	1/4	119,964	1/4	130,662	1/4	141,328	1/4	151,116	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,463	1/2	120,187	1/2	130,884	1/2	141,550	1/2	151,206	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,687	3/4	120,411	3/4	131,107	3/4	141,772	3/4	151,296	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,910	6	120,634	6	131,329	6	141,994	6	151,386	6	6	6	6	6	6	6	6	6	6
1/4	110,133	1/4	120,858	1/4	131,551	1/4	142,216	1/4	151,438	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,357	1/2	121,081	1/2	131,773	1/2	142,439	1/2	151,491	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,580	3/4	121,304	3/4	131,995	3/4	142,661	3/4	151,543	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,804	7	121,528	7	132,218	7	142,883	7	151,596	7	7	7	7	7	7	7	7	7	7
1/4	111,027	1/4	121,751	1/4	132,440	1/4	143,105	1/4	151,611	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,250	1/2	121,975	1/2	132,662	1/2	143,327	1/2	151,626	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,474	3/4	122,198	3/4	132,884	3/4	143,550	3/4	151,642	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,697	8	122,421	8	133,106	8	143,772	8	151,657	8	8	8	8	8	8	8	8	8	8
1/4	111,921	1/4	122,645	1/4	133,329	1/4	143,992	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,144	1/2	122,868	1/2	133,551	1/2	144,212	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,368	3/4	123,092	3/4	133,773	3/4	144,432	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,591	9	123,315	9	133,995	9	144,652	9		9	9	9	9	9	9	9	9	9	9
1/4	112,814	1/4	123,539	1/4	134,217	1/4	144,872	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,038	1/2	123,762	1/2	134,440	1/2	145,093	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,261	3/4	123,985	3/4	134,662	3/4	145,313	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,485	10	124,209	10	134,884	10	145,533	10		10	10	10	10	10	10	10	10	10	10
1/4	113,708	1/4	124,432	1/4	135,106	1/4	145,753	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,932	1/2	124,656	1/2	135,328	1/2	145,973	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,155	3/4	124,879	3/4	135,551	3/4	146,193	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,378	11	125,102	11	135,773	11	146,413	11		11	11	11	11	11	11	11	11	11	11
1/4	114,602	1/4	125,326	1/4	135,995	1/4	146,634	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,825	1/2	125,549	1/2	136,217	1/2	146,854	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,049	3/4	125,773	3/4	136,439	3/4	147,074	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: 09/16/2013 SW
CALCULATED: 09/17/2013 CL
PRINTED: 09/17/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1367"

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	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

September 17, 2013

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

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BARGE "CBC 1367"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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		0	140,561	0	131,142	0	121,709	0	112,252	0	101,796	0	91,032	0	80,267		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,367	1/4	130,946	1/4	121,512	1/4	112,055	1/4	101,571	1/4	90,807	1/4	80,043		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,172	1/2	130,751	1/2	121,315	1/2	111,859	1/2	101,347	1/2	90,583	1/2	79,819		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,279	3/4	139,978	3/4	130,555	3/4	121,118	3/4	111,662	3/4	101,123	3/4	90,359	3/4	79,595
1		1		1		1	147,263	1	139,781	1	130,359	1	120,921	1	111,465	1	100,899	1	90,135	1	79,370
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,247	1/4	139,585	1/4	130,163	1/4	120,724	1/4	111,268	1/4	100,674	1/4	89,910	1/4	79,146
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,230	1/2	139,388	1/2	129,967	1/2	120,526	1/2	111,071	1/2	100,450	1/2	89,686	1/2	78,922
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,214	3/4	139,192	3/4	129,771	3/4	120,329	3/4	110,874	3/4	100,226	3/4	89,462	3/4	78,697
2		2		2		2	147,161	2	138,995	2	129,576	2	120,132	2	110,677	2	100,002	2	89,238	2	78,473
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,107	1/4	138,799	1/4	129,380	1/4	119,935	1/4	110,481	1/4	99,777	1/4	89,013	1/4	78,249
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,054	1/2	138,602	1/2	129,184	1/2	119,738	1/2	110,284	1/2	99,553	1/2	88,789	1/2	78,025
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,000	3/4	138,405	3/4	128,988	3/4	119,541	3/4	110,087	3/4	99,329	3/4	88,565	3/4	77,800
3		3		3		3	146,909	3	138,209	3	128,791	3	119,344	3	109,863	3	99,105	3	88,341	3	77,576
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,818	1/4	138,012	1/4	128,595	1/4	119,147	1/4	109,639	1/4	98,880	1/4	88,116	1/4	77,352
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,727	1/2	137,816	1/2	128,398	1/2	118,950	1/2	109,415	1/2	98,656	1/2	87,892	1/2	77,127
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,636	3/4	137,619	3/4	128,202	3/4	118,753	3/4	109,191	3/4	98,432	3/4	87,668	3/4	76,903
4		4		4		4	146,508	4	137,423	4	128,005	4	118,556	4	108,967	4	98,208	4	87,444	4	76,680
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,379	1/4	137,226	1/4	127,809	1/4	118,359	1/4	108,743	1/4	97,983	1/4	87,219	1/4	76,456
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,251	1/2	137,030	1/2	127,612	1/2	118,162	1/2	108,519	1/2	97,759	1/2	86,995	1/2	76,233
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,122	3/4	136,833	3/4	127,416	3/4	117,965	3/4	108,295	3/4	97,535	3/4	86,771	3/4	76,009
5		5		5		5	145,957	5	136,637	5	127,219	5	117,767	5	108,071	5	97,311	5	86,547	5	75,786
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,791	1/4	136,440	1/4	127,023	1/4	117,570	1/4	107,847	1/4	97,086	1/4	86,322	1/4	75,563
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,625	1/2	136,243	1/2	126,826	1/2	117,373	1/2	107,623	1/2	96,862	1/2	86,098	1/2	75,341
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,459	3/4	136,047	3/4	126,629	3/4	117,176	3/4	107,399	3/4	96,638	3/4	85,874	3/4	75,118
6		6		6		6	145,255	6	135,850	6	126,433	6	116,979	6	107,175	6	96,414	6	85,650	6	74,895
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,052	1/4	135,654	1/4	126,236	1/4	116,782	1/4	106,951	1/4	96,189	1/4	85,425	1/4	74,672
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,849	1/2	135,457	1/2	126,040	1/2	116,585	1/2	106,727	1/2	95,965	1/2	85,201	1/2	74,449
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,645	3/4	135,261	3/4	125,843	3/4	116,388	3/4	106,503	3/4	95,741	3/4	84,977	3/4	74,226
7		7		7		7	144,451	7	135,064	7	125,647	7	116,191	7	106,279	7	95,517	7	84,753	7	74,004
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,256	1/4	134,868	1/4	125,450	1/4	115,994	1/4	106,055	1/4	95,292	1/4	84,529	1/4	73,781
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,062	1/2	134,671	1/2	125,254	1/2	115,797	1/2	105,831	1/2	95,068	1/2	84,304	1/2	73,558
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,867	3/4	134,475	3/4	125,057	3/4	115,600	3/4	105,607	3/4	94,844	3/4	84,080	3/4	73,335
8		8		8		8	143,673	8	134,278	8	124,860	8	115,403	8	105,383	8	94,620	8	83,856	8	73,112
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,478	1/4	134,081	1/4	124,664	1/4	115,206	1/4	105,159	1/4	94,395	1/4	83,632	1/4	72,889
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,284	1/2	133,885	1/2	124,467	1/2	115,008	1/2	104,935	1/2	94,171	1/2	83,407	1/2	72,667
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,089	3/4	133,688	3/4	124,271	3/4	114,811	3/4	104,711	3/4	93,947	3/4	83,183	3/4	72,444
9		9		9		9	142,895	9	133,492	9	124,074	9	114,615	9	104,487	9	93,723	9	82,959	9	72,221
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,701	1/4	133,297	1/4	123,877	1/4	114,418	1/4	104,262	1/4	93,498	1/4	82,734	1/4	71,998
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,506	1/2	133,101	1/2	123,680	1/2	114,221	1/2	104,038	1/2	93,274	1/2	82,510	1/2	71,775
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,312	3/4	132,905	3/4	123,483	3/4	114,024	3/4	103,814	3/4	93,050	3/4	82,286	3/4	71,552
10		10		10		10	142,117	10	132,709	10	123,285	10	113,827	10	103,590	10	92,826	10	82,062	10	71,330
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,923	1/4	132,513	1/4	123,088	1/4	113,630	1/4	103,365	1/4	92,601	1/4	81,837	1/4	71,107
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,728	1/2	132,317	1/2	122,891	1/2	113,433	1/2	103,141	1/2	92,377	1/2	81,613	1/2	70,884
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,534	3/4	132,122	3/4	122,694	3/4	113,237	3/4	102,917	3/4	92,153	3/4	81,389	3/4	70,661
11		11		11		11	141,339	11	131,926	11	122,497	11	113,040	11	102,693	11	91,929	11	81,164	11	70,438
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,145	1/4	131,730	1/4	122,300	1/4	112,843	1/4	102,468	1/4	91,704	1/4	80,940	1/4	70,215
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,950	1/2	131,534	1/2	122,103	1/2	112,646	1/2	102,244	1/2	91,480	1/2	80,716	1/2	69,993
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,756	3/4	131,338	3/4	121,906	3/4	112,449	3/4	102,020	3/4	91,256	3/4	80,492	3/4	69,770

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

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BARGE "CBC 1367"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,546	0	58,792	0	48,032	0	37,271	0	26,679	0	15,958	0	5,174	0		0			
1/4	69,323	1/4	58,568	1/4	47,807	1/4	37,047	1/4	26,461	1/4	15,733	1/4	4,951	1/4	1/4				1/4
1/2	69,099	1/2	58,344	1/2	47,583	1/2	36,823	1/2	26,242	1/2	15,508	1/2	4,727	1/2	1/2				1/2
3/4	68,875	3/4	58,120	3/4	47,359	3/4	36,598	3/4	26,024	3/4	15,283	3/4	4,504	3/4	3/4				3/4
1	68,652	1	57,895	1	47,135	1	36,374	1	25,805	1	15,059	1	4,282	1	1				1
1/4	68,428	1/4	57,671	1/4	46,911	1/4	36,150	1/4	25,586	1/4	14,834	1/4	4,059	1/4	1/4				1/4
1/2	68,205	1/2	57,447	1/2	46,686	1/2	35,926	1/2	25,368	1/2	14,609	1/2	3,837	1/2	1/2				1/2
3/4	67,981	3/4	57,223	3/4	46,462	3/4	35,702	3/4	25,149	3/4	14,384	3/4	3,615	3/4	3/4				3/4
2	67,757	2	56,999	2	46,238	2	35,477	2	24,930	2	14,160	2	3,395	2	2				2
1/4	67,534	1/4	56,774	1/4	46,014	1/4	35,253	1/4	24,711	1/4	13,935	1/4	3,174	1/4	1/4				1/4
1/2	67,310	1/2	56,550	1/2	45,790	1/2	35,029	1/2	24,493	1/2	13,710	1/2	2,954	1/2	1/2				1/2
3/4	67,087	3/4	56,326	3/4	45,566	3/4	34,805	3/4	24,274	3/4	13,485	3/4	2,734	3/4	3/4				3/4
3	66,863	3	56,102	3	45,341	3	34,581	3	24,049	3	13,261	3	2,528	3	3				3
1/4	66,638	1/4	55,878	1/4	45,117	1/4	34,357	1/4	23,824	1/4	13,036	1/4	2,323	1/4	1/4				1/4
1/2	66,414	1/2	55,654	1/2	44,893	1/2	34,132	1/2	23,599	1/2	12,811	1/2	2,117	1/2	1/2				1/2
3/4	66,190	3/4	55,429	3/4	44,669	3/4	33,908	3/4	23,375	3/4	12,586	3/4	1,912	3/4	3/4				3/4
4	65,966	4	55,205	4	44,445	4	33,684	4	23,150	4	12,361	4	1,743	4	4				4
1/4	65,742	1/4	54,981	1/4	44,220	1/4	33,460	1/4	22,925	1/4	12,137	1/4	1,575	1/4	1/4				1/4
1/2	65,517	1/2	54,757	1/2	43,996	1/2	33,236	1/2	22,700	1/2	11,912	1/2	1,406	1/2	1/2				1/2
3/4	65,293	3/4	54,533	3/4	43,772	3/4	33,012	3/4	22,476	3/4	11,687	3/4	1,238	3/4	3/4				3/4
5	65,069	5	54,309	5	43,548	5	32,793	5	22,251	5	11,462	5	1,107	5	5				5
1/4	64,845	1/4	54,084	1/4	43,324	1/4	32,575	1/4	22,026	1/4	11,238	1/4	976	1/4	1/4				1/4
1/2	64,621	1/2	53,860	1/2	43,100	1/2	32,356	1/2	21,801	1/2	11,013	1/2	845	1/2	1/2				1/2
3/4	64,397	3/4	53,636	3/4	42,875	3/4	32,138	3/4	21,577	3/4	10,788	3/4	714	3/4	3/4				3/4
6	64,172	6	53,412	6	42,651	6	31,920	6	21,352	6	10,563	6	620	6	6				6
1/4	63,948	1/4	53,188	1/4	42,427	1/4	31,701	1/4	21,127	1/4	10,339	1/4	526	1/4	1/4				1/4
1/2	63,724	1/2	52,963	1/2	42,203	1/2	31,483	1/2	20,902	1/2	10,114	1/2	433	1/2	1/2				1/2
3/4	63,500	3/4	52,739	3/4	41,979	3/4	31,265	3/4	20,678	3/4	9,889	3/4	339	3/4	3/4				3/4
7	63,276	7	52,515	7	41,754	7	31,046	7	20,453	7	9,664	7	283	7	7				7
1/4	63,051	1/4	52,291	1/4	41,530	1/4	30,828	1/4	20,228	1/4	9,440	1/4	227	1/4	1/4				1/4
1/2	62,827	1/2	52,067	1/2	41,306	1/2	30,609	1/2	20,003	1/2	9,215	1/2	170	1/2	1/2				1/2
3/4	62,603	3/4	51,843	3/4	41,082	3/4	30,391	3/4	19,779	3/4	8,990	3/4	114	3/4	3/4				3/4
8	62,379	8	51,618	8	40,858	8	30,173	8	19,554	8	8,765	8	96	8	8				8
1/4	62,155	1/4	51,394	1/4	40,634	1/4	29,954	1/4	19,329	1/4	8,541	1/4	77	1/4	1/4				1/4
1/2	61,931	1/2	51,170	1/2	40,409	1/2	29,736	1/2	19,104	1/2	8,316	1/2	58	1/2	1/2				1/2
3/4	61,706	3/4	50,946	3/4	40,185	3/4	29,518	3/4	18,880	3/4	8,091	3/4	39	3/4	3/4				3/4
9	61,482	9	50,722	9	39,961	9	29,299	9	18,655	9	7,866	9		9	9				9
1/4	61,258	1/4	50,497	1/4	39,737	1/4	29,081	1/4	18,430	1/4	7,642	1/4		1/4	1/4				1/4
1/2	61,034	1/2	50,273	1/2	39,513	1/2	28,863	1/2	18,205	1/2	7,417	1/2		1/2	1/2				1/2
3/4	60,810	3/4	50,049	3/4	39,289	3/4	28,644	3/4	17,980	3/4	7,192	3/4		3/4	3/4				3/4
10	60,586	10	49,825	10	39,064	10	28,426	10	17,756	10	6,968	10		10	10				10
1/4	60,361	1/4	49,601	1/4	38,840	1/4	28,207	1/4	17,531	1/4	6,743	1/4		1/4	1/4				1/4
1/2	60,137	1/2	49,377	1/2	38,616	1/2	27,989	1/2	17,306	1/2	6,518	1/2		1/2	1/2				1/2
3/4	59,913	3/4	49,152	3/4	38,392	3/4	27,771	3/4	17,081	3/4	6,294	3/4		3/4	3/4				3/4
11	59,689	11	48,928	11	38,168	11	27,552	11	16,857	11	6,070	11		11	11				11
1/4	59,465	1/4	48,704	1/4	37,943	1/4	27,334	1/4	16,632	1/4	5,846	1/4		1/4	1/4				1/4
1/2	59,240	1/2	48,480	1/2	37,719	1/2	27,116	1/2	16,407	1/2	5,621	1/2		1/2	1/2				1/2
3/4	59,016	3/4	48,256	3/4	37,495	3/4	26,897	3/4	16,182	3/4	5,397	3/4		3/4	3/4				3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/16/2013 SW
CALCULATED: 09/17/2013 CL
PRINTED: 09/17/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 1367"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0		0		0		0		0		0	
						162,696		150,690		138,659		126,577		114,495		102,413		90,330	
1/4	1/4	1/4	1/4	1/4	1/4	162,448	1/4	150,440	1/4	138,407	1/4	126,325	1/4	114,243	1/4	102,161	1/4	90,079	
1/2	1/2	1/2	1/2	1/2	1/2	162,200	1/2	150,190	1/2	138,155	1/2	126,073	1/2	113,992	1/2	101,910	1/2	89,827	
3/4	3/4	3/4	3/4	3/4	3/4	161,952	3/4	149,939	3/4	137,904	3/4	125,822	3/4	113,740	3/4	101,658	3/4	89,575	
1		1		1		170,587		161,704		149,689		137,652		125,570		113,488		101,406	
1/4	1/4	1/4	1/4	1/4	1/4	170,569	1/4	161,454	1/4	149,439	1/4	137,400	1/4	125,318	1/4	113,236	1/4	101,154	1/4
1/2	1/2	1/2	1/2	1/2	1/2	170,552	1/2	161,203	1/2	149,189	1/2	137,149	1/2	125,067	1/2	112,985	1/2	100,903	1/2
3/4	3/4	3/4	3/4	3/4	3/4	170,535	3/4	160,953	3/4	148,938	3/4	136,897	3/4	124,815	3/4	112,733	3/4	100,651	3/4
2		2		2		170,518		160,703		148,688		136,645		124,563		112,481		100,399	
1/4	1/4	1/4	1/4	1/4	1/4	170,459	1/4	160,452	1/4	148,438	1/4	136,393	1/4	124,312	1/4	112,230	1/4	100,148	1/4
1/2	1/2	1/2	1/2	1/2	1/2	170,399	1/2	160,202	1/2	148,187	1/2	136,142	1/2	124,060	1/2	111,978	1/2	99,896	1/2
3/4	3/4	3/4	3/4	3/4	3/4	170,340	3/4	159,952	3/4	147,937	3/4	135,890	3/4	123,808	3/4	111,726	3/4	99,644	3/4
3		3		3		170,281		159,701		147,687		135,638		123,556		111,474		99,392	
1/4	1/4	1/4	1/4	1/4	1/4	170,180	1/4	159,451	1/4	147,436	1/4	135,387	1/4	123,305	1/4	111,223	1/4	99,141	1/4
1/2	1/2	1/2	1/2	1/2	1/2	170,079	1/2	159,201	1/2	147,186	1/2	135,135	1/2	123,053	1/2	110,971	1/2	98,889	1/2
3/4	3/4	3/4	3/4	3/4	3/4	169,978	3/4	158,951	3/4	146,936	3/4	134,883	3/4	122,801	3/4	110,719	3/4	98,637	3/4
4		4		4		169,877		158,700		146,685		134,632		122,550		110,468		98,386	
1/4	1/4	1/4	1/4	1/4	1/4	169,733	1/4	158,450	1/4	146,435	1/4	134,380	1/4	122,298	1/4	110,216	1/4	98,134	1/4
1/2	1/2	1/2	1/2	1/2	1/2	169,590	1/2	158,200	1/2	146,185	1/2	134,128	1/2	122,046	1/2	109,964	1/2	97,882	1/2
3/4	3/4	3/4	3/4	3/4	3/4	169,447	3/4	157,949	3/4	145,935	3/4	133,876	3/4	121,794	3/4	109,712	3/4	97,631	3/4
5		5		5		169,304		157,699		145,684		133,625		121,543		109,461		97,379	
1/4	1/4	1/4	1/4	1/4	1/4	169,119	1/4	157,449	1/4	145,434	1/4	133,373	1/4	121,291	1/4	109,209	1/4	97,127	1/4
1/2	1/2	1/2	1/2	1/2	1/2	168,934	1/2	157,198	1/2	145,184	1/2	133,121	1/2	121,039	1/2	108,957	1/2	96,875	1/2
3/4	3/4	3/4	3/4	3/4	3/4	168,749	3/4	156,948	3/4	144,933	3/4	132,870	3/4	120,788	3/4	108,706	3/4	96,624	3/4
6		6		6		168,564		156,698		144,683		132,618		120,536		108,454		96,372	
1/4	1/4	1/4	1/4	1/4	1/4	168,337	1/4	156,447	1/4	144,433	1/4	132,366	1/4	120,284	1/4	108,202	1/4	96,120	1/4
1/2	1/2	1/2	1/2	1/2	1/2	168,110	1/2	156,197	1/2	144,182	1/2	132,114	1/2	120,032	1/2	107,951	1/2	95,869	1/2
3/4	3/4	3/4	3/4	3/4	3/4	167,883	3/4	155,947	3/4	143,932	3/4	131,863	3/4	119,781	3/4	107,699	3/4	95,617	3/4
7		7		7		167,656		155,697		143,682		131,611		119,529		107,447		95,365	
1/4	1/4	1/4	1/4	1/4	1/4	167,408	1/4	155,446	1/4	143,431	1/4	131,359	1/4	119,277	1/4	107,195	1/4	95,113	1/4
1/2	1/2	1/2	1/2	1/2	1/2	167,160	1/2	155,196	1/2	143,181	1/2	131,108	1/2	119,026	1/2	106,944	1/2	94,862	1/2
3/4	3/4	3/4	3/4	3/4	3/4	166,912	3/4	154,946	3/4	142,931	3/4	130,856	3/4	118,774	3/4	106,692	3/4	94,610	3/4
8		8		8		166,664		154,695		142,681		130,604		118,522		106,440		94,358	
1/4	1/4	1/4	1/4	1/4	1/4	166,416	1/4	154,445	1/4	142,430	1/4	130,352	1/4	118,271	1/4	106,189	1/4	94,107	1/4
1/2	1/2	1/2	1/2	1/2	1/2	166,168	1/2	154,195	1/2	142,180	1/2	130,101	1/2	118,019	1/2	105,937	1/2	93,855	1/2
3/4	3/4	3/4	3/4	3/4	3/4	165,920	3/4	153,944	3/4	141,930	3/4	129,849	3/4	117,767	3/4	105,685	3/4	93,603	3/4
9		9		9		165,672		153,694		141,679		129,597		117,515		105,433		93,352	
1/4	1/4	1/4	1/4	1/4	1/4	165,424	1/4	153,444	1/4	141,428	1/4	129,346	1/4	117,264	1/4	105,182	1/4	93,100	1/4
1/2	1/2	1/2	1/2	1/2	1/2	165,176	1/2	153,193	1/2	141,176	1/2	129,094	1/2	117,012	1/2	104,930	1/2	92,848	1/2
3/4	3/4	3/4	3/4	3/4	3/4	164,928	3/4	152,943	3/4	140,924	3/4	128,842	3/4	116,760	3/4	104,678	3/4	92,596	3/4
10		10		10		164,680		152,693		140,672		128,591		116,509		104,427		92,345	
1/4	1/4	1/4	1/4	1/4	1/4	164,432	1/4	152,443	1/4	140,421	1/4	128,339	1/4	116,257	1/4	104,175	1/4	92,093	1/4
1/2	1/2	1/2	1/2	1/2	1/2	164,184	1/2	152,192	1/2	140,169	1/2	128,087	1/2	116,005	1/2	103,923	1/2	91,841	1/2
3/4	3/4	3/4	3/4	3/4	3/4	163,936	3/4	151,942	3/4	139,917	3/4	127,835	3/4	115,753	3/4	103,672	3/4	91,589	3/4
11		11		11		163,688		151,692		139,666		127,584		115,502		103,420		91,337	
1/4	1/4	1/4	1/4	1/4	1/4	163,440	1/4	151,441	1/4	139,414	1/4	127,332	1/4	115,250	1/4	103,168	1/4	91,086	1/4
1/2	1/2	1/2	1/2	1/2	1/2	163,192	1/2	151,191	1/2	139,162	1/2	127,080	1/2	114,998	1/2	102,916	1/2	90,834	1/2
3/4	3/4	3/4	3/4	3/4	3/4	162,944	3/4	150,941	3/4	138,911	3/4	126,829	3/4	114,747	3/4	102,665	3/4	90,582	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO 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 1367"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

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	78,246	0	66,162	0	54,078	0	41,994	0	30,146	0	18,121	0	6,041	0		0		0	
1/4	77,995	1/4	65,911	1/4	53,827	1/4	41,743	1/4	29,902	1/4	17,869	1/4	5,791	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,743	1/2	65,659	1/2	53,575	1/2	41,491	1/2	29,658	1/2	17,617	1/2	5,540	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,491	3/4	65,407	3/4	53,323	3/4	41,239	3/4	29,413	3/4	17,365	3/4	5,290	3/4	3/4	3/4	3/4	3/4	3/4
1	77,239	1	65,155	1	53,071	1	40,987	1	29,169	1	17,114	1	5,040	1	1	1	1	1	1
1/4	76,988	1/4	64,904	1/4	52,820	1/4	40,736	1/4	28,924	1/4	16,862	1/4	4,791	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,736	1/2	64,652	1/2	52,568	1/2	40,484	1/2	28,680	1/2	16,610	1/2	4,542	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,484	3/4	64,400	3/4	52,316	3/4	40,232	3/4	28,435	3/4	16,358	3/4	4,293	3/4	3/4	3/4	3/4	3/4	3/4
2	76,232	2	64,148	2	52,064	2	39,980	2	28,190	2	16,107	2	4,044	2	2	2	2	2	2
1/4	75,981	1/4	63,897	1/4	51,813	1/4	39,729	1/4	27,939	1/4	15,855	1/4	3,798	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,729	1/2	63,645	1/2	51,561	1/2	39,477	1/2	27,687	1/2	15,603	1/2	3,551	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,477	3/4	63,393	3/4	51,309	3/4	39,225	3/4	27,435	3/4	15,352	3/4	3,304	3/4	3/4	3/4	3/4	3/4	3/4
3	75,225	3	63,141	3	51,057	3	38,973	3	27,183	3	15,100	3	3,057	3	3	3	3	3	3
1/4	74,974	1/4	62,890	1/4	50,806	1/4	38,722	1/4	26,932	1/4	14,848	1/4	2,827	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,722	1/2	62,638	1/2	50,554	1/2	38,470	1/2	26,680	1/2	14,596	1/2	2,597	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,470	3/4	62,386	3/4	50,302	3/4	38,218	3/4	26,428	3/4	14,345	3/4	2,367	3/4	3/4	3/4	3/4	3/4	3/4
4	74,218	4	62,134	4	50,050	4	37,966	4	26,176	4	14,093	4	2,137	4	4	4	4	4	4
1/4	73,967	1/4	61,883	1/4	49,799	1/4	37,722	1/4	25,925	1/4	13,841	1/4	1,948	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,715	1/2	61,631	1/2	49,547	1/2	37,477	1/2	25,673	1/2	13,589	1/2	1,759	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,463	3/4	61,379	3/4	49,295	3/4	37,232	3/4	25,421	3/4	13,338	3/4	1,571	3/4	3/4	3/4	3/4	3/4	3/4
5	73,211	5	61,127	5	49,043	5	36,988	5	25,169	5	13,086	5	1,382	5	5	5	5	5	5
1/4	72,960	1/4	60,876	1/4	48,792	1/4	36,743	1/4	24,918	1/4	12,834	1/4	1,235	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,708	1/2	60,624	1/2	48,540	1/2	36,499	1/2	24,666	1/2	12,582	1/2	1,088	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,456	3/4	60,372	3/4	48,288	3/4	36,255	3/4	24,414	3/4	12,331	3/4	941	3/4	3/4	3/4	3/4	3/4	3/4
6	72,204	6	60,120	6	48,036	6	36,010	6	24,162	6	12,079	6	794	6	6	6	6	6	6
1/4	71,953	1/4	59,869	1/4	47,785	1/4	35,766	1/4	23,911	1/4	11,827	1/4	690	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,701	1/2	59,617	1/2	47,533	1/2	35,522	1/2	23,659	1/2	11,575	1/2	585	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,449	3/4	59,365	3/4	47,281	3/4	35,277	3/4	23,407	3/4	11,324	3/4	480	3/4	3/4	3/4	3/4	3/4	3/4
7	71,197	7	59,113	7	47,029	7	35,033	7	23,156	7	11,072	7	375	7	7	7	7	7	7
1/4	70,946	1/4	58,862	1/4	46,778	1/4	34,789	1/4	22,904	1/4	10,820	1/4	312	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,694	1/2	58,610	1/2	46,526	1/2	34,544	1/2	22,652	1/2	10,568	1/2	249	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,442	3/4	58,358	3/4	46,274	3/4	34,300	3/4	22,400	3/4	10,317	3/4	186	3/4	3/4	3/4	3/4	3/4	3/4
8	70,190	8	58,106	8	46,022	8	34,056	8	22,149	8	10,065	8	123	8	8	8	8	8	8
1/4	69,939	1/4	57,855	1/4	45,771	1/4	33,811	1/4	21,897	1/4	9,813	1/4	102	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,687	1/2	57,603	1/2	45,519	1/2	33,567	1/2	21,645	1/2	9,561	1/2	81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,435	3/4	57,351	3/4	45,267	3/4	33,323	3/4	21,393	3/4	9,310	3/4	60	3/4	3/4	3/4	3/4	3/4	3/4
9	69,183	9	57,099	9	45,015	9	33,078	9	21,142	9	9,058	9	39	9	9	9	9	9	9
1/4	68,932	1/4	56,848	1/4	44,764	1/4	32,834	1/4	20,890	1/4	8,806	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,680	1/2	56,596	1/2	44,512	1/2	32,590	1/2	20,638	1/2	8,555	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,428	3/4	56,344	3/4	44,260	3/4	32,345	3/4	20,386	3/4	8,303	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	68,176	10	56,092	10	44,008	10	32,101	10	20,135	10	8,051	10	10	10	10	10	10	10	10
1/4	67,925	1/4	55,841	1/4	43,757	1/4	31,857	1/4	19,883	1/4	7,800	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,673	1/2	55,589	1/2	43,505	1/2	31,612	1/2	19,631	1/2	7,548	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,421	3/4	55,337	3/4	43,253	3/4	31,368	3/4	19,379	3/4	7,297	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	67,169	11	55,085	11	43,001	11	31,124	11	19,128	11	7,045	11	11	11	11	11	11	11	11
1/4	66,918	1/4	54,834	1/4	42,750	1/4	30,879	1/4	18,876	1/4	6,794	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,666	1/2	54,582	1/2	42,498	1/2	30,635	1/2	18,624	1/2	6,543	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,414	3/4	54,330	3/4	42,246	3/4	30,391	3/4	18,372	3/4	6,292	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/16/2013 SW
CALCULATED: 09/17/2013 CL
PRINTED: 09/17/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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



BARGE "CBC 1367"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

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		0	144,872	0	134,217	0	123,539	0	112,814	0	102,090	0	91,366	0	80,642
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,652	1/4	133,995	1/4	123,315	1/4	112,591	1/4	101,867	1/4	91,143	1/4	80,418
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,432	1/2	133,773	1/2	123,092	1/2	112,368	1/2	101,643	1/2	90,919	1/2	80,195
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,212	3/4	133,551	3/4	122,868	3/4	112,144	3/4	101,420	3/4	90,696	3/4	79,971
1		1		1		1	143,992	1	133,329	1	122,645	1	111,921	1	101,197	1	90,472	1	79,748
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,657	1/4	143,772	1/4	133,106	1/4	122,421	1/4	111,697	1/4	100,973	1/4	90,249
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,642	1/2	143,550	1/2	132,884	1/2	122,198	1/2	111,474	1/2	100,750	1/2	90,026
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,626	3/4	143,327	3/4	132,662	3/4	121,975	3/4	111,250	3/4	100,526	3/4	89,802
2		2		2		2	151,611	2	143,105	2	132,440	2	121,751	2	111,027	2	100,303	2	89,579
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,596	1/4	142,883	1/4	132,218	1/4	121,528	1/4	110,804	1/4	100,079	1/4	89,355
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,543	1/2	142,661	1/2	131,995	1/2	121,304	1/2	110,580	1/2	99,856	1/2	89,132
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,491	3/4	142,439	3/4	131,773	3/4	121,081	3/4	110,357	3/4	99,633	3/4	88,908
3		3		3		3	151,438	3	142,216	3	131,551	3	120,858	3	110,133	3	99,409	3	88,685
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,386	1/4	141,994	1/4	131,329	1/4	120,634	1/4	109,910	1/4	99,186	1/4	88,462
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,296	1/2	141,772	1/2	131,107	1/2	120,411	1/2	109,687	1/2	98,962	1/2	88,238
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,206	3/4	141,550	3/4	130,884	3/4	120,187	3/4	109,463	3/4	98,739	3/4	88,015
4		4		4		4	151,116	4	141,328	4	130,662	4	119,964	4	109,240	4	98,516	4	87,791
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,026	1/4	141,105	1/4	130,440	1/4	119,740	1/4	109,016	1/4	98,292	1/4	87,568
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,899	1/2	140,883	1/2	130,218	1/2	119,517	1/2	108,793	1/2	98,069	1/2	87,345
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,772	3/4	140,661	3/4	129,996	3/4	119,294	3/4	108,569	3/4	97,845	3/4	87,121
5		5		5		5	150,645	5	140,439	5	129,773	5	119,070	5	108,346	5	97,622	5	86,898
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,518	1/4	140,217	1/4	129,551	1/4	118,847	1/4	108,123	1/4	97,398	1/4	86,674
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,354	1/2	139,994	1/2	129,329	1/2	118,623	1/2	107,899	1/2	97,175	1/2	86,451
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,190	3/4	139,772	3/4	129,107	3/4	118,400	3/4	107,676	3/4	96,952	3/4	86,227
6		6		6		6	150,026	6	139,550	6	128,885	6	118,176	6	107,452	6	96,728	6	86,004
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,861	1/4	139,328	1/4	128,663	1/4	117,953	1/4	107,229	1/4	96,505	1/4	85,781
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,660	1/2	139,106	1/2	128,440	1/2	117,730	1/2	107,005	1/2	96,281	1/2	85,557
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,458	3/4	138,883	3/4	128,218	3/4	117,506	3/4	106,782	3/4	96,058	3/4	85,334
7		7		7		7	149,257	7	138,661	7	127,996	7	117,283	7	106,559	7	95,835	7	85,110
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,055	1/4	138,439	1/4	127,774	1/4	117,059	1/4	106,335	1/4	95,611	1/4	84,887
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,835	1/2	138,217	1/2	127,552	1/2	116,836	1/2	106,112	1/2	95,388	1/2	84,664
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,615	3/4	137,995	3/4	127,329	3/4	116,613	3/4	105,888	3/4	95,164	3/4	84,440
8		8		8		8	148,395	8	137,772	8	127,107	8	116,389	8	105,665	8	94,941	8	84,217
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,175	1/4	137,550	1/4	126,885	1/4	116,166	1/4	105,442	1/4	94,717	1/4	83,993
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,954	1/2	137,328	1/2	126,663	1/2	115,942	1/2	105,218	1/2	94,494	1/2	83,770
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,734	3/4	137,106	3/4	126,441	3/4	115,719	3/4	104,995	3/4	94,271	3/4	83,546
9		9		9		9	147,514	9	136,884	9	126,218	9	115,495	9	104,771	9	94,047	9	83,323
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,294	1/4	136,662	1/4	125,996	1/4	115,272	1/4	104,548	1/4	93,824	1/4	83,100
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,074	1/2	136,439	1/2	125,773	1/2	115,049	1/2	104,324	1/2	93,600	1/2	82,876
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,854	3/4	136,217	3/4	125,549	3/4	114,825	3/4	104,101	3/4	93,377	3/4	82,653
10		10		10		10	146,634	10	135,995	10	125,326	10	114,602	10	103,878	10	93,153	10	82,429
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,413	1/4	135,773	1/4	125,102	1/4	114,378	1/4	103,654	1/4	92,930	1/4	82,206
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,193	1/2	135,551	1/2	124,879	1/2	114,155	1/2	103,431	1/2	92,707	1/2	81,982
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,973	3/4	135,328	3/4	124,656	3/4	113,932	3/4	103,207	3/4	92,483	3/4	81,759
11		11		11		11	145,753	11	135,106	11	124,432	11	113,708	11	102,984	11	92,260	11	81,535
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,533	1/4	134,884	1/4	124,209	1/4	113,485	1/4	102,761	1/4	92,036	1/4	81,312
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,313	1/2	134,662	1/2	123,985	1/2	113,261	1/2	102,537	1/2	91,813	1/2	81,088
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,093	3/4	134,440	3/4	123,762	3/4	113,038	3/4	102,314	3/4	91,590	3/4	80,865

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1367"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09 1/4"

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	69,916	0	59,190	0	48,464	0	37,738	0	27,031	0	16,312	0	5,589	0		0		0	
1/4	69,692	1/4	58,966	1/4	48,240	1/4	37,514	1/4	26,808	1/4	16,089	1/4	5,366	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,469	1/2	58,743	1/2	48,017	1/2	37,291	1/2	26,586	1/2	15,865	1/2	5,144	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,245	3/4	58,519	3/4	47,793	3/4	37,067	3/4	26,363	3/4	15,642	3/4	4,922	3/4	3/4	3/4	3/4	3/4	3/4
1	69,022	1	58,296	1	47,570	1	36,844	1	26,140	1	15,418	1	4,700	1	1	1	1	1	1
1/4	68,798	1/4	58,072	1/4	47,346	1/4	36,620	1/4	25,917	1/4	15,195	1/4	4,478	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,575	1/2	57,849	1/2	47,123	1/2	36,397	1/2	25,694	1/2	14,971	1/2	4,257	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,351	3/4	57,625	3/4	46,899	3/4	36,173	3/4	25,471	3/4	14,748	3/4	4,036	3/4	3/4	3/4	3/4	3/4	3/4
2	68,128	2	57,402	2	46,676	2	35,950	2	25,248	2	14,524	2	3,815	2	2	2	2	2	2
1/4	67,904	1/4	57,179	1/4	46,453	1/4	35,727	1/4	25,025	1/4	14,301	1/4	3,594	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,681	1/2	56,955	1/2	46,229	1/2	35,503	1/2	24,802	1/2	14,077	1/2	3,375	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,458	3/4	56,732	3/4	46,006	3/4	35,280	3/4	24,579	3/4	13,854	3/4	3,156	3/4	3/4	3/4	3/4	3/4	3/4
3	67,234	3	56,508	3	45,782	3	35,056	3	24,356	3	13,631	3	2,937	3	3	3	3	3	3
1/4	67,011	1/4	56,285	1/4	45,559	1/4	34,833	1/4	24,133	1/4	13,407	1/4	2,718	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,787	1/2	56,061	1/2	45,335	1/2	34,609	1/2	23,909	1/2	13,184	1/2	2,514	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,564	3/4	55,838	3/4	45,112	3/4	34,386	3/4	23,686	3/4	12,960	3/4	2,310	3/4	3/4	3/4	3/4	3/4	3/4
4	66,340	4	55,614	4	44,888	4	34,162	4	23,462	4	12,737	4	2,106	4	4	4	4	4	4
1/4	66,117	1/4	55,391	1/4	44,665	1/4	33,939	1/4	23,239	1/4	12,513	1/4	1,901	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,893	1/2	55,167	1/2	44,441	1/2	33,715	1/2	23,015	1/2	12,290	1/2	1,734	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,670	3/4	54,944	3/4	44,218	3/4	33,492	3/4	22,792	3/4	12,066	3/4	1,566	3/4	3/4	3/4	3/4	3/4	3/4
5	65,446	5	54,720	5	43,995	5	33,269	5	22,569	5	11,843	5	1,399	5	5	5	5	5	5
1/4	65,223	1/4	54,497	1/4	43,771	1/4	33,045	1/4	22,345	1/4	11,620	1/4	1,231	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,000	1/2	54,274	1/2	43,548	1/2	32,822	1/2	22,122	1/2	11,396	1/2	1,101	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,776	3/4	54,050	3/4	43,324	3/4	32,600	3/4	21,898	3/4	11,173	3/4	970	3/4	3/4	3/4	3/4	3/4	3/4
6	64,553	6	53,827	6	43,101	6	32,377	6	21,675	6	10,949	6	840	6	6	6	6	6	6
1/4	64,329	1/4	53,603	1/4	42,877	1/4	32,154	1/4	21,451	1/4	10,726	1/4	710	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,106	1/2	53,380	1/2	42,654	1/2	31,931	1/2	21,228	1/2	10,502	1/2	617	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,882	3/4	53,156	3/4	42,430	3/4	31,709	3/4	21,004	3/4	10,279	3/4	523	3/4	3/4	3/4	3/4	3/4	3/4
7	63,659	7	52,933	7	42,207	7	31,486	7	20,781	7	10,055	7	430	7	7	7	7	7	7
1/4	63,435	1/4	52,709	1/4	41,983	1/4	31,263	1/4	20,557	1/4	9,832	1/4	337	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,212	1/2	52,486	1/2	41,760	1/2	31,040	1/2	20,334	1/2	9,609	1/2	281	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,988	3/4	52,262	3/4	41,536	3/4	30,818	3/4	20,111	3/4	9,385	3/4	226	3/4	3/4	3/4	3/4	3/4	3/4
8	62,765	8	52,039	8	41,313	8	30,595	8	19,887	8	9,162	8	170	8	8	8	8	8	8
1/4	62,541	1/4	51,816	1/4	41,090	1/4	30,372	1/4	19,664	1/4	8,938	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,318	1/2	51,592	1/2	40,866	1/2	30,149	1/2	19,440	1/2	8,715	1/2	95	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,095	3/4	51,369	3/4	40,643	3/4	29,927	3/4	19,217	3/4	8,491	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
9	61,871	9	51,145	9	40,419	9	29,704	9	18,993	9	8,268	9	58	9	9	9	9	9	9
1/4	61,648	1/4	50,922	1/4	40,196	1/4	29,481	1/4	18,770	1/4	8,044	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,424	1/2	50,698	1/2	39,972	1/2	29,259	1/2	18,546	1/2	7,821	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,201	3/4	50,475	3/4	39,749	3/4	29,036	3/4	18,323	3/4	7,598	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,977	10	50,251	10	39,525	10	28,813	10	18,100	10	7,374	10	10	10	10	10	10	10	10
1/4	60,754	1/4	50,028	1/4	39,302	1/4	28,590	1/4	17,876	1/4	7,151	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,530	1/2	49,804	1/2	39,078	1/2	28,368	1/2	17,653	1/2	6,927	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,307	3/4	49,581	3/4	38,855	3/4	28,145	3/4	17,429	3/4	6,704	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	60,083	11	49,357	11	38,632	11	27,922	11	17,206	11	6,481	11	11	11	11	11	11	11	11
1/4	59,860	1/4	49,134	1/4	38,408	1/4	27,699	1/4	16,982	1/4	6,258	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,637	1/2	48,911	1/2	38,185	1/2	27,477	1/2	16,759	1/2	6,035	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,413	3/4	48,687	3/4	37,961	3/4	27,254	3/4	16,535	3/4	5,812	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 09/17/2013 CL
PRINTED: 09/17/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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