



BARGE "CBC 1366"

INNAGE TRIM TABLE

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

August 20, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1366"

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	8,094	0	18,887	0	29,529	0	40,201	0	50,966	0	61,730	0	72,472	0	83,215	0	93,983
1/4	58	1/4	8,319	1/4	19,112	1/4	29,748	1/4	40,425	1/4	51,190	1/4	61,955	1/4	72,695	1/4	83,440	1/4	94,208
1/2	77	1/2	8,544	1/2	19,337	1/2	29,966	1/2	40,649	1/2	51,414	1/2	62,179	1/2	72,918	1/2	83,664	1/2	94,432
3/4	96	3/4	8,769	3/4	19,561	3/4	30,184	3/4	40,874	3/4	51,638	3/4	62,403	3/4	73,141	3/4	83,888	3/4	94,656
1	114	1	8,994	1	19,786	1	30,403	1	41,098	1	51,863	1	62,627	1	73,364	1	84,113	1	94,881
1/4	171	1/4	9,218	1/4	20,011	1/4	30,621	1/4	41,322	1/4	52,087	1/4	62,852	1/4	73,587	1/4	84,337	1/4	95,105
1/2	227	1/2	9,443	1/2	20,236	1/2	30,840	1/2	41,546	1/2	52,311	1/2	63,076	1/2	73,809	1/2	84,561	1/2	95,329
3/4	283	3/4	9,668	3/4	20,461	3/4	31,058	3/4	41,771	3/4	52,536	3/4	63,300	3/4	74,032	3/4	84,786	3/4	95,554
2	339	2	9,893	2	20,686	2	31,277	2	41,995	2	52,760	2	63,525	2	74,255	2	85,010	2	95,778
1/4	433	1/4	10,118	1/4	20,911	1/4	31,495	1/4	42,219	1/4	52,984	1/4	63,749	1/4	74,478	1/4	85,234	1/4	96,002
1/2	526	1/2	10,343	1/2	21,135	1/2	31,714	1/2	42,444	1/2	53,208	1/2	63,973	1/2	74,701	1/2	85,459	1/2	96,227
3/4	620	3/4	10,568	3/4	21,360	3/4	31,932	3/4	42,668	3/4	53,433	3/4	64,197	3/4	74,924	3/4	85,683	3/4	96,451
3	714	3	10,792	3	21,585	3	32,151	3	42,892	3	53,657	3	64,422	3	75,147	3	85,907	3	96,675
1/4	845	1/4	11,017	1/4	21,810	1/4	32,369	1/4	43,116	1/4	53,881	1/4	64,646	1/4	75,370	1/4	86,132	1/4	96,900
1/2	976	1/2	11,242	1/2	22,035	1/2	32,587	1/2	43,341	1/2	54,105	1/2	64,870	1/2	75,593	1/2	86,356	1/2	97,124
3/4	1,107	3/4	11,467	3/4	22,260	3/4	32,806	3/4	43,565	3/4	54,330	3/4	65,094	3/4	75,816	3/4	86,580	3/4	97,349
4	1,238	4	11,692	4	22,484	4	33,024	4	43,789	4	54,554	4	65,319	4	76,039	4	86,805	4	97,573
1/4	1,407	1/4	11,917	1/4	22,709	1/4	33,249	1/4	44,013	1/4	54,778	1/4	65,543	1/4	76,262	1/4	87,029	1/4	97,797
1/2	1,576	1/2	12,141	1/2	22,934	1/2	33,473	1/2	44,238	1/2	55,002	1/2	65,767	1/2	76,486	1/2	87,253	1/2	98,022
3/4	1,744	3/4	12,366	3/4	23,159	3/4	33,697	3/4	44,462	3/4	55,227	3/4	65,991	3/4	76,709	3/4	87,478	3/4	98,246
5	1,913	5	12,591	5	23,384	5	33,921	5	44,686	5	55,451	5	66,216	5	76,933	5	87,702	5	98,470
1/4	2,118	1/4	12,816	1/4	23,609	1/4	34,146	1/4	44,910	1/4	55,675	1/4	66,440	1/4	77,157	1/4	87,926	1/4	98,695
1/2	2,324	1/2	13,041	1/2	23,834	1/2	34,370	1/2	45,135	1/2	55,900	1/2	66,664	1/2	77,382	1/2	88,151	1/2	98,919
3/4	2,529	3/4	13,266	3/4	24,058	3/4	34,594	3/4	45,359	3/4	56,124	3/4	66,889	3/4	77,606	3/4	88,375	3/4	99,143
6	2,735	6	13,491	6	24,283	6	34,818	6	45,583	6	56,348	6	67,113	6	77,831	6	88,599	6	99,368
1/4	2,955	1/4	13,715	1/4	24,507	1/4	35,043	1/4	45,808	1/4	56,572	1/4	67,336	1/4	78,055	1/4	88,824	1/4	99,592
1/2	3,175	1/2	13,940	1/2	24,731	1/2	35,267	1/2	46,032	1/2	56,797	1/2	67,560	1/2	78,279	1/2	89,048	1/2	99,816
3/4	3,396	3/4	14,165	3/4	24,940	3/4	35,491	3/4	46,256	3/4	57,021	3/4	67,784	3/4	78,504	3/4	89,272	3/4	100,041
7	3,616	7	14,390	7	25,159	7	35,716	7	46,480	7	57,245	7	68,008	7	78,728	7	89,497	7	100,265
1/4	3,839	1/4	14,615	1/4	25,377	1/4	35,940	1/4	46,705	1/4	57,469	1/4	68,231	1/4	78,952	1/4	89,721	1/4	100,489
1/2	4,061	1/2	14,840	1/2	25,596	1/2	36,164	1/2	46,929	1/2	57,694	1/2	68,455	1/2	79,177	1/2	89,945	1/2	100,714
3/4	4,283	3/4	15,064	3/4	25,815	3/4	36,388	3/4	47,153	3/4	57,918	3/4	68,679	3/4	79,401	3/4	90,170	3/4	100,938
8	4,506	8	15,289	8	26,034	8	36,613	8	47,377	8	58,142	8	68,902	8	79,626	8	90,394	8	101,162
1/4	4,729	1/4	15,514	1/4	26,252	1/4	36,837	1/4	47,602	1/4	58,366	1/4	69,126	1/4	79,850	1/4	90,618	1/4	101,387
1/2	4,952	1/2	15,739	1/2	26,471	1/2	37,061	1/2	47,826	1/2	58,591	1/2	69,350	1/2	80,074	1/2	90,843	1/2	101,611
3/4	5,176	3/4	15,964	3/4	26,689	3/4	37,285	3/4	48,050	3/4	58,815	3/4	69,573	3/4	80,299	3/4	91,067	3/4	101,835
9	5,399	9	16,189	9	26,908	9	37,510	9	48,274	9	59,039	9	69,797	9	80,523	9	91,291	9	102,060
1/4	5,624	1/4	16,414	1/4	27,126	1/4	37,734	1/4	48,499	1/4	59,263	1/4	70,020	1/4	80,747	1/4	91,516	1/4	102,284
1/2	5,848	1/2	16,638	1/2	27,345	1/2	37,958	1/2	48,723	1/2	59,488	1/2	70,243	1/2	80,972	1/2	91,740	1/2	102,508
3/4	6,072	3/4	16,863	3/4	27,563	3/4	38,182	3/4	48,947	3/4	59,712	3/4	70,466	3/4	81,196	3/4	91,964	3/4	102,733
10	6,296	10	17,088	10	27,782	10	38,407	10	49,172	10	59,936	10	70,689	10	81,420	10	92,189	10	102,957
1/4	6,521	1/4	17,313	1/4	28,000	1/4	38,631	1/4	49,396	1/4	60,161	1/4	70,912	1/4	81,645	1/4	92,413	1/4	103,181
1/2	6,746	1/2	17,538	1/2	28,218	1/2	38,855	1/2	49,620	1/2	60,385	1/2	71,134	1/2	81,869	1/2	92,637	1/2	103,406
3/4	6,970	3/4	17,763	3/4	28,437	3/4	39,080	3/4	49,844	3/4	60,609	3/4	71,357	3/4	82,094	3/4	92,862	3/4	103,630
11	7,195	11	17,987	11	28,655	11	39,304	11	50,069	11	60,833	11	71,580	11	82,318	11	93,086	11	103,854
1/4	7,420	1/4	18,212	1/4	28,874	1/4	39,528	1/4	50,293	1/4	61,058	1/4	71,803	1/4	82,542	1/4	93,310	1/4	104,079
1/2	7,645	1/2	18,437	1/2	29,092	1/2	39,752	1/2	50,517	1/2	61,282	1/2	72,026	1/2	82,767	1/2	93,535	1/2	104,303
3/4	7,869	3/4	18,662	3/4	29,311	3/4	39,977	3/4	50,741	3/4	61,506	3/4	72,249	3/4	82,991	3/4	93,759	3/4	104,527

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 1366"

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	104,752	0	114,856	0	124,319	0	133,740	0	143,145	0		0		0		0		0	
1/4	104,976	1/4	115,053	1/4	124,516	1/4	133,937	1/4	143,340	1/4		1/4		1/4		1/4		1/4	
1/2	105,200	1/2	115,250	1/2	124,712	1/2	134,134	1/2	143,534	1/2		1/2		1/2		1/2		1/2	
3/4	105,424	3/4	115,447	3/4	124,909	3/4	134,330	3/4	143,729	3/4		3/4		3/4		3/4		3/4	
1	105,648	1	115,645	1	125,106	1	134,527	1	143,923	1		1		1		1		1	
1/4	105,872	1/4	115,842	1/4	125,302	1/4	134,723	1/4	144,118	1/4		1/4		1/4		1/4		1/4	
1/2	106,096	1/2	116,039	1/2	125,499	1/2	134,920	1/2	144,312	1/2		1/2		1/2		1/2		1/2	
3/4	106,320	3/4	116,236	3/4	125,696	3/4	135,117	3/4	144,507	3/4		3/4		3/4		3/4		3/4	
2	106,544	2	116,433	2	125,892	2	135,313	2	144,702	2		2		2		2		2	
1/4	106,768	1/4	116,630	1/4	126,089	1/4	135,510	1/4	144,905	1/4		1/4		1/4		1/4		1/4	
1/2	106,992	1/2	116,828	1/2	126,285	1/2	135,707	1/2	145,108	1/2		1/2		1/2		1/2		1/2	
3/4	107,217	3/4	117,025	3/4	126,482	3/4	135,903	3/4	145,312	3/4		3/4		3/4		3/4		3/4	
3	107,441	3	117,222	3	126,679	3	136,100	3	145,515	3		3		3		3		3	
1/4	107,665	1/4	117,419	1/4	126,875	1/4	136,296	1/4	145,681	1/4		1/4		1/4		1/4		1/4	
1/2	107,889	1/2	117,616	1/2	127,072	1/2	136,493	1/2	145,847	1/2		1/2		1/2		1/2		1/2	
3/4	108,113	3/4	117,813	3/4	127,269	3/4	136,690	3/4	146,013	3/4		3/4		3/4		3/4		3/4	
4	108,337	4	118,010	4	127,465	4	136,886	4	146,179	4		4		4		4		4	
1/4	108,561	1/4	118,208	1/4	127,662	1/4	137,083	1/4	146,308	1/4		1/4		1/4		1/4		1/4	
1/2	108,785	1/2	118,405	1/2	127,858	1/2	137,280	1/2	146,436	1/2		1/2		1/2		1/2		1/2	
3/4	109,009	3/4	118,602	3/4	128,055	3/4	137,476	3/4	146,565	3/4		3/4		3/4		3/4		3/4	
5	109,233	5	118,799	5	128,252	5	137,673	5	146,693	5		5		5		5		5	
1/4	109,457	1/4	118,996	1/4	128,448	1/4	137,869	1/4	146,784	1/4		1/4		1/4		1/4		1/4	
1/2	109,681	1/2	119,193	1/2	128,645	1/2	138,066	1/2	146,875	1/2		1/2		1/2		1/2		1/2	
3/4	109,906	3/4	119,390	3/4	128,842	3/4	138,263	3/4	146,966	3/4		3/4		3/4		3/4		3/4	
6	110,130	6	119,588	6	129,038	6	138,459	6	147,057	6		6		6		6		6	
1/4	110,327	1/4	119,785	1/4	129,234	1/4	138,656	1/4	147,111	1/4		1/4		1/4		1/4		1/4	
1/2	110,524	1/2	119,982	1/2	129,430	1/2	138,853	1/2	147,165	1/2		1/2		1/2		1/2		1/2	
3/4	110,720	3/4	120,179	3/4	129,626	3/4	139,049	3/4	147,218	3/4		3/4		3/4		3/4		3/4	
7	110,917	7	120,376	7	129,822	7	139,246	7	147,272	7		7		7		7		7	
1/4	111,114	1/4	120,573	1/4	130,018	1/4	139,442	1/4	147,288	1/4		1/4		1/4		1/4		1/4	
1/2	111,311	1/2	120,771	1/2	130,214	1/2	139,639	1/2	147,304	1/2		1/2		1/2		1/2		1/2	
3/4	111,508	3/4	120,968	3/4	130,410	3/4	139,836	3/4	147,320	3/4		3/4		3/4		3/4		3/4	
8	111,705	8	121,165	8	130,606	8	140,032	8	147,336	8		8		8		8		8	
1/4	111,902	1/4	121,362	1/4	130,801	1/4	140,227	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,099	1/2	121,559	1/2	130,997	1/2	140,421	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,296	3/4	121,756	3/4	131,193	3/4	140,616	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,493	9	121,953	9	131,389	9	140,811	9		9		9		9		9		9	
1/4	112,690	1/4	122,151	1/4	131,585	1/4	141,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,887	1/2	122,348	1/2	131,781	1/2	141,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,084	3/4	122,545	3/4	131,977	3/4	141,394	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,281	10	122,742	10	132,173	10	141,589	10		10		10		10		10		10	
1/4	113,478	1/4	122,939	1/4	132,369	1/4	141,783	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,674	1/2	123,136	1/2	132,565	1/2	141,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,871	3/4	123,333	3/4	132,761	3/4	142,172	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,068	11	123,531	11	132,957	11	142,367	11		11		11		11		11		11	
1/4	114,265	1/4	123,728	1/4	133,153	1/4	142,561	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,462	1/2	123,925	1/2	133,348	1/2	142,756	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,659	3/4	124,122	3/4	133,544	3/4	142,951	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/20/2013 CL
CALCULATED: 08/20/2013 CL
PRINTED: 08/20/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1366"

2 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	9,055	0	21,134	0	33,067	0	45,000	0	57,080	0	69,159	0	81,239	0	93,319	0	105,397
1/4	60	1/4	9,306	1/4	21,386	1/4	33,311	1/4	45,251	1/4	57,331	1/4	69,411	1/4	81,491	1/4	93,571	1/4	105,648
1/2	81	1/2	9,558	1/2	21,638	1/2	33,555	1/2	45,503	1/2	57,583	1/2	69,663	1/2	81,743	1/2	93,822	1/2	105,900
3/4	102	3/4	9,810	3/4	21,889	3/4	33,800	3/4	45,755	3/4	57,835	3/4	69,914	3/4	81,994	3/4	94,074	3/4	106,152
1	123	1	10,061	1	22,141	1	34,044	1	46,006	1	58,086	1	70,166	1	82,246	1	94,326	1	106,403
1/4	186	1/4	10,313	1/4	22,392	1/4	34,288	1/4	46,258	1/4	58,338	1/4	70,418	1/4	82,498	1/4	94,577	1/4	106,655
1/2	249	1/2	10,565	1/2	22,644	1/2	34,532	1/2	46,510	1/2	58,590	1/2	70,669	1/2	82,749	1/2	94,829	1/2	106,907
3/4	312	3/4	10,816	3/4	22,896	3/4	34,777	3/4	46,761	3/4	58,841	3/4	70,921	3/4	83,001	3/4	95,080	3/4	107,158
2	375	2	11,068	2	23,147	2	35,021	2	47,013	2	59,093	2	71,173	2	83,253	2	95,332	2	107,410
1/4	480	1/4	11,320	1/4	23,399	1/4	35,265	1/4	47,265	1/4	59,345	1/4	71,424	1/4	83,504	1/4	95,584	1/4	107,661
1/2	584	1/2	11,571	1/2	23,651	1/2	35,509	1/2	47,516	1/2	59,596	1/2	71,676	1/2	83,756	1/2	95,835	1/2	107,913
3/4	689	3/4	11,823	3/4	23,902	3/4	35,753	3/4	47,768	3/4	59,848	3/4	71,928	3/4	84,008	3/4	96,087	3/4	108,165
3	794	3	12,075	3	24,154	3	35,998	3	48,020	3	60,100	3	72,179	3	84,259	3	96,338	3	108,416
1/4	941	1/4	12,326	1/4	24,406	1/4	36,242	1/4	48,271	1/4	60,351	1/4	72,431	1/4	84,511	1/4	96,590	1/4	108,668
1/2	1,088	1/2	12,578	1/2	24,657	1/2	36,486	1/2	48,523	1/2	60,603	1/2	72,683	1/2	84,763	1/2	96,842	1/2	108,919
3/4	1,235	3/4	12,830	3/4	24,909	3/4	36,730	3/4	48,775	3/4	60,854	3/4	72,934	3/4	85,014	3/4	97,093	3/4	109,171
4	1,381	4	13,081	4	25,161	4	36,975	4	49,026	4	61,106	4	73,186	4	85,266	4	97,345	4	109,423
1/4	1,570	1/4	13,333	1/4	25,412	1/4	37,219	1/4	49,278	1/4	61,358	1/4	73,438	1/4	85,517	1/4	97,597	1/4	109,674
1/2	1,759	1/2	13,585	1/2	25,664	1/2	37,464	1/2	49,530	1/2	61,609	1/2	73,689	1/2	85,769	1/2	97,848	1/2	109,926
3/4	1,948	3/4	13,836	3/4	25,916	3/4	37,709	3/4	49,781	3/4	61,861	3/4	73,941	3/4	86,021	3/4	98,100	3/4	110,178
5	2,136	5	14,088	5	26,167	5	37,953	5	50,033	5	62,113	5	74,193	5	86,272	5	98,351	5	110,429
1/4	2,366	1/4	14,340	1/4	26,419	1/4	38,205	1/4	50,285	1/4	62,364	1/4	74,444	1/4	86,524	1/4	98,603	1/4	110,681
1/2	2,596	1/2	14,591	1/2	26,671	1/2	38,456	1/2	50,536	1/2	62,616	1/2	74,696	1/2	86,776	1/2	98,855	1/2	110,932
3/4	2,826	3/4	14,843	3/4	26,922	3/4	38,708	3/4	50,788	3/4	62,868	3/4	74,948	3/4	87,027	3/4	99,106	3/4	111,184
6	3,056	6	15,095	6	27,174	6	38,960	6	51,040	6	63,119	6	75,199	6	87,279	6	99,358	6	111,436
1/4	3,303	1/4	15,346	1/4	27,426	1/4	39,211	1/4	51,291	1/4	63,371	1/4	75,451	1/4	87,531	1/4	99,610	1/4	111,687
1/2	3,550	1/2	15,598	1/2	27,677	1/2	39,463	1/2	51,543	1/2	63,623	1/2	75,703	1/2	87,782	1/2	99,861	1/2	111,939
3/4	3,796	3/4	15,849	3/4	27,929	3/4	39,715	3/4	51,795	3/4	63,874	3/4	75,954	3/4	88,034	3/4	100,113	3/4	112,191
7	4,043	7	16,101	7	28,181	7	39,966	7	52,046	7	64,126	7	76,206	7	88,286	7	100,364	7	112,442
1/4	4,292	1/4	16,353	1/4	28,425	1/4	40,218	1/4	52,298	1/4	64,378	1/4	76,458	1/4	88,537	1/4	100,616	1/4	112,694
1/2	4,541	1/2	16,604	1/2	28,670	1/2	40,470	1/2	52,550	1/2	64,629	1/2	76,709	1/2	88,789	1/2	100,868	1/2	112,945
3/4	4,789	3/4	16,856	3/4	28,914	3/4	40,721	3/4	52,801	3/4	64,881	3/4	76,961	3/4	89,041	3/4	101,119	3/4	113,197
8	5,038	8	17,108	8	29,159	8	40,973	8	53,053	8	65,133	8	77,213	8	89,292	8	101,371	8	113,449
1/4	5,288	1/4	17,359	1/4	29,403	1/4	41,225	1/4	53,305	1/4	65,384	1/4	77,464	1/4	89,544	1/4	101,623	1/4	113,700
1/2	5,539	1/2	17,611	1/2	29,647	1/2	41,476	1/2	53,556	1/2	65,636	1/2	77,716	1/2	89,796	1/2	101,874	1/2	113,952
3/4	5,789	3/4	17,863	3/4	29,892	3/4	41,728	3/4	53,808	3/4	65,888	3/4	77,968	3/4	90,047	3/4	102,126	3/4	114,204
9	6,039	9	18,114	9	30,136	9	41,980	9	54,060	9	66,139	9	78,219	9	90,299	9	102,377	9	114,455
1/4	6,290	1/4	18,366	1/4	30,380	1/4	42,231	1/4	54,311	1/4	66,391	1/4	78,471	1/4	90,551	1/4	102,629	1/4	114,707
1/2	6,541	1/2	18,618	1/2	30,624	1/2	42,483	1/2	54,563	1/2	66,643	1/2	78,723	1/2	90,802	1/2	102,881	1/2	114,958
3/4	6,792	3/4	18,869	3/4	30,869	3/4	42,735	3/4	54,815	3/4	66,894	3/4	78,974	3/4	91,054	3/4	103,132	3/4	115,210
10	7,043	10	19,121	10	31,113	10	42,986	10	55,066	10	67,146	10	79,226	10	91,306	10	103,384	10	115,462
1/4	7,294	1/4	19,373	1/4	31,357	1/4	43,238	1/4	55,318	1/4	67,398	1/4	79,478	1/4	91,557	1/4	103,635	1/4	115,713
1/2	7,545	1/2	19,624	1/2	31,601	1/2	43,490	1/2	55,570	1/2	67,649	1/2	79,729	1/2	91,809	1/2	103,887	1/2	115,965
3/4	7,797	3/4	19,876	3/4	31,846	3/4	43,741	3/4	55,821	3/4	67,901	3/4	79,981	3/4	92,061	3/4	104,139	3/4	116,216
11	8,048	11	20,128	11	32,090	11	43,993	11	56,073	11	68,153	11	80,233	11	92,312	11	104,390	11	116,468
1/4	8,300	1/4	20,379	1/4	32,334	1/4	44,245	1/4	56,325	1/4	68,404	1/4	80,484	1/4	92,564	1/4	104,642	1/4	116,720
1/2	8,552	1/2	20,631	1/2	32,578	1/2	44,496	1/2	56,576	1/2	68,656	1/2	80,736	1/2	92,816	1/2	104,894	1/2	116,971
3/4	8,803	3/4	20,883	3/4	32,823	3/4	44,748	3/4	56,828	3/4	68,908	3/4	80,988	3/4	93,067	3/4	105,145	3/4	117,223

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 1366"

2 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	117,475	0	129,552	0	141,630	0	153,641	0	165,614	0		0		0		0		0	
1/4	117,726	1/4	129,804	1/4	141,880	1/4	153,891	1/4	165,862	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,978	1/2	130,056	1/2	142,131	1/2	154,141	1/2	166,110	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,229	3/4	130,307	3/4	142,381	3/4	154,391	3/4	166,358	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,481	1	130,559	1	142,631	1	154,642	1	166,606	1	1	1	1	1	1	1	1	1	1
1/4	118,733	1/4	130,810	1/4	142,881	1/4	154,892	1/4	166,854	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,984	1/2	131,062	1/2	143,131	1/2	155,142	1/2	167,102	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,236	3/4	131,314	3/4	143,382	3/4	155,392	3/4	167,350	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,488	2	131,565	2	143,632	2	155,642	2	167,598	2	2	2	2	2	2	2	2	2	2
1/4	119,739	1/4	131,817	1/4	143,882	1/4	155,893	1/4	167,824	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,991	1/2	132,069	1/2	144,132	1/2	156,143	1/2	168,051	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,242	3/4	132,320	3/4	144,382	3/4	156,393	3/4	168,278	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,494	3	132,572	3	144,633	3	156,643	3	168,505	3	3	3	3	3	3	3	3	3	3
1/4	120,746	1/4	132,823	1/4	144,883	1/4	156,894	1/4	168,690	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,997	1/2	133,075	1/2	145,133	1/2	157,144	1/2	168,875	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,249	3/4	133,327	3/4	145,383	3/4	157,394	3/4	169,060	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,500	4	133,578	4	145,634	4	157,644	4	169,245	4	4	4	4	4	4	4	4	4	4
1/4	121,752	1/4	133,830	1/4	145,884	1/4	157,894	1/4	169,388	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,004	1/2	134,081	1/2	146,134	1/2	158,145	1/2	169,531	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,255	3/4	134,333	3/4	146,384	3/4	158,395	3/4	169,674	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,507	5	134,585	5	146,634	5	158,645	5	169,817	5	5	5	5	5	5	5	5	5	5
1/4	122,759	1/4	134,836	1/4	146,885	1/4	158,895	1/4	169,919	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,010	1/2	135,088	1/2	147,135	1/2	159,146	1/2	170,020	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,262	3/4	135,340	3/4	147,385	3/4	159,396	3/4	170,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,513	6	135,591	6	147,635	6	159,646	6	170,222	6	6	6	6	6	6	6	6	6	6
1/4	123,765	1/4	135,843	1/4	147,886	1/4	159,896	1/4	170,281	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,017	1/2	136,094	1/2	148,136	1/2	160,146	1/2	170,340	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,268	3/4	136,346	3/4	148,386	3/4	160,397	3/4	170,399	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,520	7	136,598	7	148,636	7	160,647	7	170,459	7	7	7	7	7	7	7	7	7	7
1/4	124,772	1/4	136,849	1/4	148,886	1/4	160,897	1/4	170,476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,023	1/2	137,101	1/2	149,137	1/2	161,147	1/2	170,493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,275	3/4	137,353	3/4	149,387	3/4	161,398	3/4	170,510	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,526	8	137,604	8	149,637	8	161,648	8	170,527	8	8	8	8	8	8	8	8	8	8
1/4	125,778	1/4	137,856	1/4	149,887	1/4	161,896	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,030	1/2	138,107	1/2	150,138	1/2	162,144	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,281	3/4	138,359	3/4	150,388	3/4	162,391	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,533	9	138,611	9	150,638	9	162,639	9		9	9	9	9	9	9	9	9	9	9
1/4	126,784	1/4	138,862	1/4	150,888	1/4	162,887	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,036	1/2	139,114	1/2	151,138	1/2	163,135	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,288	3/4	139,365	3/4	151,389	3/4	163,383	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,539	10	139,617	10	151,639	10	163,631	10		10	10	10	10	10	10	10	10	10	10
1/4	127,791	1/4	139,869	1/4	151,889	1/4	163,879	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,043	1/2	140,120	1/2	152,139	1/2	164,127	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,294	3/4	140,372	3/4	152,390	3/4	164,375	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,546	11	140,624	11	152,640	11	164,623	11		11	11	11	11	11	11	11	11	11	11
1/4	128,797	1/4	140,875	1/4	152,890	1/4	164,871	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129,049	1/2	141,127	1/2	153,140	1/2	165,118	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,301	3/4	141,378	3/4	153,390	3/4	165,366	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: 08/20/2013 CL
CALCULATED: 08/20/2013 CL
PRINTED: 08/20/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1366"

3 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	8,049	0	18,781	0	29,499	0	40,219	0	50,952	0	61,684	0	72,416	0	83,148	0	93,879
1/4	58	1/4	8,273	1/4	19,004	1/4	29,721	1/4	40,443	1/4	51,175	1/4	61,907	1/4	72,640	1/4	83,372	1/4	94,102
1/2	77	1/2	8,496	1/2	19,228	1/2	29,944	1/2	40,667	1/2	51,399	1/2	62,131	1/2	72,863	1/2	83,595	1/2	94,326
3/4	95	3/4	8,720	3/4	19,452	3/4	30,167	3/4	40,890	3/4	51,622	3/4	62,355	3/4	73,087	3/4	83,819	3/4	94,549
1	114	1	8,943	1	19,675	1	30,390	1	41,114	1	51,846	1	62,578	1	73,310	1	84,043	1	94,773
1/4	170	1/4	9,167	1/4	19,899	1/4	30,613	1/4	41,337	1/4	52,070	1/4	62,802	1/4	73,534	1/4	84,266	1/4	94,997
1/2	226	1/2	9,391	1/2	20,122	1/2	30,836	1/2	41,561	1/2	52,293	1/2	63,025	1/2	73,758	1/2	84,490	1/2	95,220
3/4	282	3/4	9,614	3/4	20,346	3/4	31,059	3/4	41,784	3/4	52,517	3/4	63,249	3/4	73,981	3/4	84,713	3/4	95,444
2	337	2	9,838	2	20,570	2	31,282	2	42,008	2	52,740	2	63,473	2	74,205	2	84,937	2	95,667
1/4	431	1/4	10,061	1/4	20,793	1/4	31,504	1/4	42,232	1/4	52,964	1/4	63,696	1/4	74,428	1/4	85,160	1/4	95,891
1/2	524	1/2	10,285	1/2	21,017	1/2	31,727	1/2	42,455	1/2	53,187	1/2	63,920	1/2	74,652	1/2	85,384	1/2	96,114
3/4	617	3/4	10,508	3/4	21,240	3/4	31,950	3/4	42,679	3/4	53,411	3/4	64,143	3/4	74,876	3/4	85,607	3/4	96,338
3	710	3	10,732	3	21,464	3	32,173	3	42,902	3	53,635	3	64,367	3	75,099	3	85,831	3	96,561
1/4	840	1/4	10,956	1/4	21,687	1/4	32,396	1/4	43,126	1/4	53,858	1/4	64,591	1/4	75,323	1/4	86,055	1/4	96,785
1/2	971	1/2	11,179	1/2	21,911	1/2	32,619	1/2	43,350	1/2	54,082	1/2	64,814	1/2	75,546	1/2	86,278	1/2	97,009
3/4	1,101	3/4	11,403	3/4	22,135	3/4	32,842	3/4	43,573	3/4	54,305	3/4	65,038	3/4	75,770	3/4	86,502	3/4	97,232
4	1,232	4	11,626	4	22,358	4	33,064	4	43,797	4	54,529	4	65,261	4	75,994	4	86,725	4	97,456
1/4	1,399	1/4	11,850	1/4	22,582	1/4	33,288	1/4	44,020	1/4	54,753	1/4	65,485	1/4	76,217	1/4	86,949	1/4	97,679
1/2	1,567	1/2	12,074	1/2	22,805	1/2	33,512	1/2	44,244	1/2	54,976	1/2	65,708	1/2	76,441	1/2	87,172	1/2	97,903
3/4	1,735	3/4	12,297	3/4	23,029	3/4	33,735	3/4	44,468	3/4	55,200	3/4	65,932	3/4	76,664	3/4	87,396	3/4	98,126
5	1,902	5	12,521	5	23,253	5	33,959	5	44,691	5	55,423	5	66,156	5	76,888	5	87,619	5	98,350
1/4	2,107	1/4	12,744	1/4	23,476	1/4	34,182	1/4	44,915	1/4	55,647	1/4	66,379	1/4	77,111	1/4	87,843	1/4	98,573
1/2	2,311	1/2	12,968	1/2	23,700	1/2	34,406	1/2	45,138	1/2	55,871	1/2	66,603	1/2	77,335	1/2	88,066	1/2	98,797
3/4	2,515	3/4	13,191	3/4	23,923	3/4	34,630	3/4	45,362	3/4	56,094	3/4	66,826	3/4	77,559	3/4	88,290	3/4	99,020
6	2,720	6	13,415	6	24,147	6	34,853	6	45,585	6	56,318	6	67,050	6	77,782	6	88,514	6	99,244
1/4	2,939	1/4	13,639	1/4	24,370	1/4	35,077	1/4	45,809	1/4	56,541	1/4	67,274	1/4	78,006	1/4	88,737	1/4	99,468
1/2	3,158	1/2	13,862	1/2	24,593	1/2	35,300	1/2	46,033	1/2	56,765	1/2	67,497	1/2	78,229	1/2	88,961	1/2	99,691
3/4	3,377	3/4	14,086	3/4	24,817	3/4	35,524	3/4	46,256	3/4	56,988	3/4	67,721	3/4	78,453	3/4	89,184	3/4	99,915
7	3,596	7	14,309	7	25,040	7	35,748	7	46,480	7	57,212	7	67,944	7	78,677	7	89,408	7	100,138
1/4	3,817	1/4	14,533	1/4	25,263	1/4	35,971	1/4	46,703	1/4	57,436	1/4	68,168	1/4	78,900	1/4	89,631	1/4	100,362
1/2	4,039	1/2	14,756	1/2	25,486	1/2	36,195	1/2	46,927	1/2	57,659	1/2	68,392	1/2	79,124	1/2	89,855	1/2	100,585
3/4	4,260	3/4	14,980	3/4	25,709	3/4	36,418	3/4	47,151	3/4	57,883	3/4	68,615	3/4	79,347	3/4	90,078	3/4	100,809
8	4,481	8	15,204	8	25,933	8	36,642	8	47,374	8	58,106	8	68,839	8	79,571	8	90,302	8	101,032
1/4	4,703	1/4	15,427	1/4	26,156	1/4	36,865	1/4	47,598	1/4	58,330	1/4	69,062	1/4	79,795	1/4	90,526	1/4	101,256
1/2	4,925	1/2	15,651	1/2	26,378	1/2	37,089	1/2	47,821	1/2	58,554	1/2	69,286	1/2	80,018	1/2	90,749	1/2	101,480
3/4	5,147	3/4	15,874	3/4	26,601	3/4	37,313	3/4	48,045	3/4	58,777	3/4	69,509	3/4	80,242	3/4	90,973	3/4	101,703
9	5,370	9	16,098	9	26,824	9	37,536	9	48,269	9	59,001	9	69,733	9	80,465	9	91,196	9	101,927
1/4	5,592	1/4	16,322	1/4	27,047	1/4	37,760	1/4	48,492	1/4	59,224	1/4	69,957	1/4	80,689	1/4	91,420	1/4	102,150
1/2	5,815	1/2	16,545	1/2	27,270	1/2	37,983	1/2	48,716	1/2	59,448	1/2	70,180	1/2	80,912	1/2	91,643	1/2	102,374
3/4	6,038	3/4	16,769	3/4	27,493	3/4	38,207	3/4	48,939	3/4	59,672	3/4	70,404	3/4	81,136	3/4	91,867	3/4	102,597
10	6,261	10	16,992	10	27,716	10	38,431	10	49,163	10	59,895	10	70,627	10	81,360	10	92,090	10	102,821
1/4	6,485	1/4	17,216	1/4	27,938	1/4	38,654	1/4	49,386	1/4	60,119	1/4	70,851	1/4	81,583	1/4	92,314	1/4	103,044
1/2	6,708	1/2	17,439	1/2	28,161	1/2	38,878	1/2	49,610	1/2	60,342	1/2	71,075	1/2	81,807	1/2	92,538	1/2	103,268
3/4	6,931	3/4	17,663	3/4	28,384	3/4	39,101	3/4	49,834	3/4	60,566	3/4	71,298	3/4	82,030	3/4	92,761	3/4	103,492
11	7,155	11	17,887	11	28,607	11	39,325	11	50,057	11	60,789	11	71,522	11	82,254	11	92,985	11	103,715
1/4	7,378	1/4	18,110	1/4	28,830	1/4	39,549	1/4	50,281	1/4	61,013	1/4	71,745	1/4	82,478	1/4	93,208	1/4	103,939
1/2	7,602	1/2	18,334	1/2	29,053	1/2	39,772	1/2	50,504	1/2	61,237	1/2	71,969	1/2	82,701	1/2	93,432	1/2	104,162
3/4	7,826	3/4	18,557	3/4	29,276	3/4	39,996	3/4	50,728	3/4	61,460	3/4	72,193	3/4	82,925	3/4	93,655	3/4	104,386

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
& ANALYSIS, INC.

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BARGE "CBC 1366"

3 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	104,609	0	115,340	0	126,070	0	136,742	0	147,380	0		0		0		0		0	
1/4	104,833	1/4	115,563	1/4	126,292	1/4	136,964	1/4	147,601	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,056	1/2	115,787	1/2	126,515	1/2	137,186	1/2	147,821	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,280	3/4	116,010	3/4	126,737	3/4	137,409	3/4	148,041	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,503	1	116,234	1	126,959	1	137,631	1	148,262	1	1	1	1	1	1	1	1	1	1
1/4	105,727	1/4	116,457	1/4	127,182	1/4	137,853	1/4	148,482	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,951	1/2	116,681	1/2	127,404	1/2	138,076	1/2	148,702	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,174	3/4	116,905	3/4	127,626	3/4	138,298	3/4	148,922	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,398	2	117,128	2	127,849	2	138,520	2	149,143	2	2	2	2	2	2	2	2	2	2
1/4	106,621	1/4	117,352	1/4	128,071	1/4	138,743	1/4	149,344	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,845	1/2	117,575	1/2	128,293	1/2	138,965	1/2	149,546	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,068	3/4	117,799	3/4	128,516	3/4	139,187	3/4	149,748	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,292	3	118,022	3	128,738	3	139,410	3	149,949	3	3	3	3	3	3	3	3	3	3
1/4	107,515	1/4	118,246	1/4	128,960	1/4	139,632	1/4	150,114	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,739	1/2	118,469	1/2	129,183	1/2	139,854	1/2	150,278	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,963	3/4	118,693	3/4	129,405	3/4	140,077	3/4	150,442	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,186	4	118,917	4	129,627	4	140,299	4	150,607	4	4	4	4	4	4	4	4	4	4
1/4	108,410	1/4	119,140	1/4	129,850	1/4	140,521	1/4	150,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,633	1/2	119,364	1/2	130,072	1/2	140,744	1/2	150,861	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,857	3/4	119,587	3/4	130,294	3/4	140,966	3/4	150,988	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,080	5	119,811	5	130,517	5	141,188	5	151,115	5	5	5	5	5	5	5	5	5	5
1/4	109,304	1/4	120,034	1/4	130,739	1/4	141,411	1/4	151,205	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,527	1/2	120,258	1/2	130,961	1/2	141,633	1/2	151,295	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,751	3/4	120,481	3/4	131,184	3/4	141,855	3/4	151,385	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,974	6	120,705	6	131,406	6	142,078	6	151,475	6	6	6	6	6	6	6	6	6	6
1/4	110,198	1/4	120,928	1/4	131,628	1/4	142,300	1/4	151,527	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,422	1/2	121,152	1/2	131,851	1/2	142,522	1/2	151,580	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,645	3/4	121,376	3/4	132,073	3/4	142,745	3/4	151,632	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,869	7	121,599	7	132,295	7	142,967	7	151,685	7	7	7	7	7	7	7	7	7	7
1/4	111,092	1/4	121,823	1/4	132,518	1/4	143,189	1/4	151,700	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,316	1/2	122,046	1/2	132,740	1/2	143,412	1/2	151,715	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,539	3/4	122,270	3/4	132,962	3/4	143,634	3/4	151,731	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,763	8	122,493	8	133,185	8	143,856	8	151,746	8	8	8	8	8	8	8	8	8	8
1/4	111,986	1/4	122,717	1/4	133,407	1/4	144,076	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,210	1/2	122,940	1/2	133,629	1/2	144,297	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,434	3/4	123,164	3/4	133,852	3/4	144,517	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,657	9	123,388	9	134,074	9	144,737	9		9	9	9	9	9	9	9	9	9	9
1/4	112,881	1/4	123,611	1/4	134,296	1/4	144,958	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,104	1/2	123,835	1/2	134,519	1/2	145,178	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,328	3/4	124,058	3/4	134,741	3/4	145,398	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,551	10	124,282	10	134,963	10	145,618	10		10	10	10	10	10	10	10	10	10	10
1/4	113,775	1/4	124,505	1/4	135,185	1/4	145,839	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,998	1/2	124,729	1/2	135,408	1/2	146,059	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,222	3/4	124,952	3/4	135,630	3/4	146,279	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,445	11	125,176	11	135,852	11	146,499	11		11	11	11	11	11	11	11	11	11	11
1/4	114,669	1/4	125,399	1/4	136,075	1/4	146,720	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,893	1/2	125,623	1/2	136,297	1/2	146,940	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,116	3/4	125,847	3/4	136,519	3/4	147,160	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: 08/20/2013 CL
CALCULATED: 08/20/2013 CL
PRINTED: 08/20/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

PRECISION MEASUREMENT
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BARGE "CBC 1366"

ULLAGE TRIM TABLE

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

August 20, 2013

PRECISION MEASUREMENT
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BARGE "CBC 1366"

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		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	140,616	0	131,193	0	121,756	0	112,296	0	101,835	0	91,067	0	80,299
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,421	1/4	130,997	1/4	121,559	1/4	112,099	1/4	101,611	1/4	90,843	1/4	80,074
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,227	1/2	130,801	1/2	121,362	1/2	111,902	1/2	101,387	1/2	90,618	1/2	79,850
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,336	3/4	140,032	3/4	130,606	3/4	121,165	3/4	111,705	3/4	101,162	3/4	90,394
1		1		1		1	147,320	1	139,836	1	130,410	1	120,968	1	111,508	1	100,938	1	90,170
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,304	1/4	139,639	1/4	130,214	1/4	120,771	1/4	111,311	1/4	100,714	1/4	89,945
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,288	1/2	139,442	1/2	130,018	1/2	120,573	1/2	111,114	1/2	100,489	1/2	89,721
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,272	3/4	139,246	3/4	129,822	3/4	120,376	3/4	110,917	3/4	100,265	3/4	89,497
2		2		2		2	147,218	2	139,049	2	129,626	2	120,179	2	110,720	2	100,041	2	89,272
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,165	1/4	138,853	1/4	129,430	1/4	119,982	1/4	110,524	1/4	99,816	1/4	89,048
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,111	1/2	138,656	1/2	129,234	1/2	119,785	1/2	110,327	1/2	99,592	1/2	88,824
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,057	3/4	138,459	3/4	129,038	3/4	119,588	3/4	110,130	3/4	99,368	3/4	88,599
3		3		3		3	146,966	3	138,263	3	128,842	3	119,390	3	109,906	3	99,143	3	88,375
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,875	1/4	138,066	1/4	128,645	1/4	119,193	1/4	109,681	1/4	98,919	1/4	88,151
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,784	1/2	137,869	1/2	128,448	1/2	118,996	1/2	109,457	1/2	98,695	1/2	87,926
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,693	3/4	137,673	3/4	128,252	3/4	118,799	3/4	109,233	3/4	98,470	3/4	87,702
4		4		4		4	146,565	4	137,476	4	128,055	4	118,602	4	109,009	4	98,246	4	87,478
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,436	1/4	137,280	1/4	127,858	1/4	118,405	1/4	108,785	1/4	98,022	1/4	87,253
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,308	1/2	137,083	1/2	127,662	1/2	118,208	1/2	108,561	1/2	97,797	1/2	87,029
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,179	3/4	136,886	3/4	127,465	3/4	118,010	3/4	108,337	3/4	97,573	3/4	86,805
5		5		5		5	146,013	5	136,690	5	127,269	5	117,813	5	108,113	5	97,349	5	86,580
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,847	1/4	136,493	1/4	127,072	1/4	117,616	1/4	107,889	1/4	97,124	1/4	86,356
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,681	1/2	136,296	1/2	126,875	1/2	117,419	1/2	107,665	1/2	96,900	1/2	86,132
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,515	3/4	136,100	3/4	126,679	3/4	117,222	3/4	107,441	3/4	96,675	3/4	85,907
6		6		6		6	145,312	6	135,903	6	126,482	6	117,025	6	107,217	6	96,451	6	85,683
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,108	1/4	135,707	1/4	126,285	1/4	116,828	1/4	106,992	1/4	96,227	1/4	85,459
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,905	1/2	135,510	1/2	126,089	1/2	116,630	1/2	106,768	1/2	96,002	1/2	85,234
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,702	3/4	135,313	3/4	125,892	3/4	116,433	3/4	106,544	3/4	95,778	3/4	85,010
7		7		7		7	144,507	7	135,117	7	125,696	7	116,236	7	106,320	7	95,554	7	84,786
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,312	1/4	134,920	1/4	125,499	1/4	116,039	1/4	106,096	1/4	95,329	1/4	84,561
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,118	1/2	134,723	1/2	125,302	1/2	115,842	1/2	105,872	1/2	95,105	1/2	84,337
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,923	3/4	134,527	3/4	125,106	3/4	115,645	3/4	105,648	3/4	94,881	3/4	84,113
8		8		8		8	143,729	8	134,330	8	124,909	8	115,447	8	105,424	8	94,656	8	83,888
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,534	1/4	134,134	1/4	124,712	1/4	115,250	1/4	105,200	1/4	94,432	1/4	83,664
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,340	1/2	133,937	1/2	124,516	1/2	115,053	1/2	104,976	1/2	94,208	1/2	83,440
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,145	3/4	133,740	3/4	124,319	3/4	114,856	3/4	104,752	3/4	93,983	3/4	83,215
9		9		9		9	142,951	9	133,544	9	124,122	9	114,659	9	104,527	9	93,759	9	82,991
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,756	1/4	133,348	1/4	123,925	1/4	114,462	1/4	104,303	1/4	93,535	1/4	82,767
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,561	1/2	133,153	1/2	123,728	1/2	114,265	1/2	104,079	1/2	93,310	1/2	82,542
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,367	3/4	132,957	3/4	123,531	3/4	114,068	3/4	103,854	3/4	93,086	3/4	82,318
10		10		10		10	142,172	10	132,761	10	123,333	10	113,871	10	103,630	10	92,862	10	82,094
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,978	1/4	132,565	1/4	123,136	1/4	113,674	1/4	103,406	1/4	92,637	1/4	81,869
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,783	1/2	132,369	1/2	122,939	1/2	113,478	1/2	103,181	1/2	92,413	1/2	81,645
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,589	3/4	132,173	3/4	122,742	3/4	113,281	3/4	102,957	3/4	92,189	3/4	81,420
11		11		11		11	141,394	11	131,977	11	122,545	11	113,084	11	102,733	11	91,964	11	81,196
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,200	1/4	131,781	1/4	122,348	1/4	112,887	1/4	102,508	1/4	91,740	1/4	80,972
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,005	1/2	131,585	1/2	122,151	1/2	112,690	1/2	102,284	1/2	91,516	1/2	80,747
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,811	3/4	131,389	3/4	121,953	3/4	112,493	3/4	102,060	3/4	91,291	3/4	80,523

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 1366"

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	69,573	0	58,815	0	48,050	0	37,285	0	26,689	0	15,964	0	5,176	0		0		0	
1/4	69,350	1/4	58,591	1/4	47,826	1/4	37,061	1/4	26,471	1/4	15,739	1/4	4,952	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,126	1/2	58,366	1/2	47,602	1/2	36,837	1/2	26,252	1/2	15,514	1/2	4,729	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,902	3/4	58,142	3/4	47,377	3/4	36,613	3/4	26,034	3/4	15,289	3/4	4,506	3/4	3/4	3/4	3/4	3/4	3/4
1	68,679	1	57,918	1	47,153	1	36,388	1	25,815	1	15,064	1	4,283	1	1	1	1	1	1
1/4	68,455	1/4	57,694	1/4	46,929	1/4	36,164	1/4	25,596	1/4	14,840	1/4	4,061	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,231	1/2	57,469	1/2	46,705	1/2	35,940	1/2	25,377	1/2	14,615	1/2	3,839	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,008	3/4	57,245	3/4	46,480	3/4	35,716	3/4	25,159	3/4	14,390	3/4	3,616	3/4	3/4	3/4	3/4	3/4	3/4
2	67,784	2	57,021	2	46,256	2	35,491	2	24,940	2	14,165	2	3,396	2	2	2	2	2	2
1/4	67,560	1/4	56,797	1/4	46,032	1/4	35,267	1/4	24,721	1/4	13,940	1/4	3,175	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,336	1/2	56,572	1/2	45,808	1/2	35,043	1/2	24,502	1/2	13,715	1/2	2,955	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,113	3/4	56,348	3/4	45,583	3/4	34,818	3/4	24,283	3/4	13,491	3/4	2,735	3/4	3/4	3/4	3/4	3/4	3/4
3	66,889	3	56,124	3	45,359	3	34,594	3	24,058	3	13,266	3	2,529	3	3	3	3	3	3
1/4	66,664	1/4	55,900	1/4	45,135	1/4	34,370	1/4	23,834	1/4	13,041	1/4	2,324	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,440	1/2	55,675	1/2	44,910	1/2	34,146	1/2	23,609	1/2	12,816	1/2	2,118	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,216	3/4	55,451	3/4	44,686	3/4	33,921	3/4	23,384	3/4	12,591	3/4	1,913	3/4	3/4	3/4	3/4	3/4	3/4
4	65,991	4	55,227	4	44,462	4	33,697	4	23,159	4	12,366	4	1,744	4	4	4	4	4	4
1/4	65,767	1/4	55,002	1/4	44,238	1/4	33,473	1/4	22,934	1/4	12,141	1/4	1,576	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,543	1/2	54,778	1/2	44,013	1/2	33,249	1/2	22,709	1/2	11,917	1/2	1,407	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,319	3/4	54,554	3/4	43,789	3/4	33,024	3/4	22,484	3/4	11,692	3/4	1,238	3/4	3/4	3/4	3/4	3/4	3/4
5	65,094	5	54,330	5	43,565	5	32,806	5	22,260	5	11,467	5	1,107	5	5	5	5	5	5
1/4	64,870	1/4	54,105	1/4	43,341	1/4	32,587	1/4	22,035	1/4	11,242	1/4	976	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,646	1/2	53,881	1/2	43,116	1/2	32,369	1/2	21,810	1/2	11,017	1/2	845	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,422	3/4	53,657	3/4	42,892	3/4	32,151	3/4	21,585	3/4	10,792	3/4	714	3/4	3/4	3/4	3/4	3/4	3/4
6	64,197	6	53,433	6	42,668	6	31,932	6	21,360	6	10,568	6	620	6	6	6	6	6	6
1/4	63,973	1/4	53,208	1/4	42,444	1/4	31,714	1/4	21,135	1/4	10,343	1/4	526	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,749	1/2	52,984	1/2	42,219	1/2	31,495	1/2	20,911	1/2	10,118	1/2	433	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,525	3/4	52,760	3/4	41,995	3/4	31,277	3/4	20,686	3/4	9,893	3/4	339	3/4	3/4	3/4	3/4	3/4	3/4
7	63,300	7	52,536	7	41,771	7	31,058	7	20,461	7	9,668	7	283	7	7	7	7	7	7
1/4	63,076	1/4	52,311	1/4	41,546	1/4	30,840	1/4	20,236	1/4	9,443	1/4	227	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,852	1/2	52,087	1/2	41,322	1/2	30,621	1/2	20,011	1/2	9,218	1/2	171	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,627	3/4	51,863	3/4	41,098	3/4	30,403	3/4	19,786	3/4	8,994	3/4	114	3/4	3/4	3/4	3/4	3/4	3/4
8	62,403	8	51,638	8	40,874	8	30,184	8	19,561	8	8,769	8	96	8	8	8	8	8	8
1/4	62,179	1/4	51,414	1/4	40,649	1/4	29,966	1/4	19,337	1/4	8,544	1/4	77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,955	1/2	51,190	1/2	40,425	1/2	29,748	1/2	19,112	1/2	8,319	1/2	58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,730	3/4	50,966	3/4	40,201	3/4	29,529	3/4	18,887	3/4	8,094	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
9	61,506	9	50,741	9	39,977	9	29,311	9	18,662	9	7,869	9		9	9	9	9	9	9
1/4	61,282	1/4	50,517	1/4	39,752	1/4	29,092	1/4	18,437	1/4	7,645	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,058	1/2	50,293	1/2	39,528	1/2	28,874	1/2	18,212	1/2	7,420	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,833	3/4	50,069	3/4	39,304	3/4	28,655	3/4	17,987	3/4	7,195	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,609	10	49,844	10	39,080	10	28,437	10	17,763	10	6,970	10		10	10	10	10	10	10
1/4	60,385	1/4	49,620	1/4	38,855	1/4	28,218	1/4	17,538	1/4	6,746	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,161	1/2	49,396	1/2	38,631	1/2	28,000	1/2	17,313	1/2	6,521	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,936	3/4	49,172	3/4	38,407	3/4	27,782	3/4	17,088	3/4	6,296	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,712	11	48,947	11	38,182	11	27,563	11	16,863	11	6,072	11		11	11	11	11	11	11
1/4	59,488	1/4	48,723	1/4	37,958	1/4	27,345	1/4	16,638	1/4	5,848	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,263	1/2	48,499	1/2	37,734	1/2	27,126	1/2	16,414	1/2	5,624	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,039	3/4	48,274	3/4	37,510	3/4	26,908	3/4	16,189	3/4	5,399	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/20/2013 CL
CALCULATED: 08/20/2013 CL
PRINTED: 08/20/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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



BARGE "CBC 1366"

2 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	162,391	0	150,388	0	138,359	0	126,281	0	114,204	0	102,126	0	90,047		
1/4	1/4	1/4	1/4	1/4	162,144	1/4	150,138	1/4	138,107	1/4	126,030	1/4	113,952	1/4	101,874	1/4	89,796		
1/2	1/2	1/2	1/2	1/2	161,896	1/2	149,887	1/2	137,856	1/2	125,778	1/2	113,700	1/2	101,623	1/2	89,544		
3/4	3/4	3/4	3/4	3/4	170,527	3/4	161,648	3/4	149,637	3/4	137,604	3/4	125,526	3/4	113,449	3/4	101,371	3/4	89,292
1	1	1	1	1	170,510	1	161,398	1	149,387	1	137,353	1	125,275	1	113,197	1	101,119	1	89,041
1/4	1/4	1/4	1/4	1/4	170,493	1/4	161,147	1/4	149,137	1/4	137,101	1/4	125,023	1/4	112,945	1/4	100,868	1/4	88,789
1/2	1/2	1/2	1/2	1/2	170,476	1/2	160,897	1/2	148,886	1/2	136,849	1/2	124,772	1/2	112,694	1/2	100,616	1/2	88,537
3/4	3/4	3/4	3/4	3/4	170,459	3/4	160,647	3/4	148,636	3/4	136,598	3/4	124,520	3/4	112,442	3/4	100,364	3/4	88,286
2	2	2	2	2	170,399	2	160,397	2	148,386	2	136,346	2	124,268	2	112,191	2	100,113	2	88,034
1/4	1/4	1/4	1/4	1/4	170,340	1/4	160,146	1/4	148,136	1/4	136,094	1/4	124,017	1/4	111,939	1/4	99,861	1/4	87,782
1/2	1/2	1/2	1/2	1/2	170,281	1/2	159,896	1/2	147,886	1/2	135,843	1/2	123,765	1/2	111,687	1/2	99,610	1/2	87,531
3/4	3/4	3/4	3/4	3/4	170,222	3/4	159,646	3/4	147,635	3/4	135,591	3/4	123,513	3/4	111,436	3/4	99,358	3/4	87,279
3	3	3	3	3	170,121	3	159,396	3	147,385	3	135,340	3	123,262	3	111,184	3	99,106	3	87,027
1/4	1/4	1/4	1/4	1/4	170,020	1/4	159,146	1/4	147,135	1/4	135,088	1/4	123,010	1/4	110,932	1/4	98,855	1/4	86,776
1/2	1/2	1/2	1/2	1/2	169,919	1/2	158,895	1/2	146,885	1/2	134,836	1/2	122,759	1/2	110,681	1/2	98,603	1/2	86,524
3/4	3/4	3/4	3/4	3/4	169,817	3/4	158,645	3/4	146,634	3/4	134,585	3/4	122,507	3/4	110,429	3/4	98,351	3/4	86,272
4	4	4	4	4	169,674	4	158,395	4	146,384	4	134,333	4	122,255	4	110,178	4	98,100	4	86,021
1/4	1/4	1/4	1/4	1/4	169,531	1/4	158,145	1/4	146,134	1/4	134,081	1/4	122,004	1/4	109,926	1/4	97,848	1/4	85,769
1/2	1/2	1/2	1/2	1/2	169,388	1/2	157,894	1/2	145,884	1/2	133,830	1/2	121,752	1/2	109,674	1/2	97,597	1/2	85,517
3/4	3/4	3/4	3/4	3/4	169,245	3/4	157,644	3/4	145,634	3/4	133,578	3/4	121,500	3/4	109,423	3/4	97,345	3/4	85,266
5	5	5	5	5	169,060	5	157,394	5	145,383	5	133,327	5	121,249	5	109,171	5	97,093	5	85,014
1/4	1/4	1/4	1/4	1/4	168,875	1/4	157,144	1/4	145,133	1/4	133,075	1/4	120,997	1/4	108,919	1/4	96,842	1/4	84,763
1/2	1/2	1/2	1/2	1/2	168,690	1/2	156,894	1/2	144,883	1/2	132,823	1/2	120,746	1/2	108,668	1/2	96,590	1/2	84,511
3/4	3/4	3/4	3/4	3/4	168,505	3/4	156,643	3/4	144,633	3/4	132,572	3/4	120,494	3/4	108,416	3/4	96,338	3/4	84,259
6	6	6	6	6	168,278	6	156,393	6	144,382	6	132,320	6	120,242	6	108,165	6	96,087	6	84,008
1/4	1/4	1/4	1/4	1/4	168,051	1/4	156,143	1/4	144,132	1/4	132,069	1/4	119,991	1/4	107,913	1/4	95,835	1/4	83,756
1/2	1/2	1/2	1/2	1/2	167,824	1/2	155,893	1/2	143,882	1/2	131,817	1/2	119,739	1/2	107,661	1/2	95,584	1/2	83,504
3/4	3/4	3/4	3/4	3/4	167,598	3/4	155,642	3/4	143,632	3/4	131,565	3/4	119,488	3/4	107,410	3/4	95,332	3/4	83,253
7	7	7	7	7	167,350	7	155,392	7	143,382	7	131,314	7	119,236	7	107,158	7	95,080	7	83,001
1/4	1/4	1/4	1/4	1/4	167,102	1/4	155,142	1/4	143,131	1/4	131,062	1/4	118,984	1/4	106,907	1/4	94,829	1/4	82,749
1/2	1/2	1/2	1/2	1/2	166,854	1/2	154,892	1/2	142,881	1/2	130,810	1/2	118,733	1/2	106,655	1/2	94,577	1/2	82,498
3/4	3/4	3/4	3/4	3/4	166,606	3/4	154,642	3/4	142,631	3/4	130,559	3/4	118,481	3/4	106,403	3/4	94,326	3/4	82,246
8	8	8	8	8	166,358	8	154,391	8	142,381	8	130,307	8	118,229	8	106,152	8	94,074	8	81,994
1/4	1/4	1/4	1/4	1/4	166,110	1/4	154,141	1/4	142,131	1/4	130,056	1/4	117,978	1/4	105,900	1/4	93,822	1/4	81,743
1/2	1/2	1/2	1/2	1/2	165,862	1/2	153,891	1/2	141,880	1/2	129,804	1/2	117,726	1/2	105,648	1/2	93,571	1/2	81,491
3/4	3/4	3/4	3/4	3/4	165,614	3/4	153,641	3/4	141,630	3/4	129,552	3/4	117,475	3/4	105,397	3/4	93,319	3/4	81,239
9	9	9	9	9	165,366	9	153,390	9	141,378	9	129,301	9	117,223	9	105,145	9	93,067	9	80,988
1/4	1/4	1/4	1/4	1/4	165,118	1/4	153,140	1/4	141,127	1/4	129,049	1/4	116,971	1/4	104,894	1/4	92,816	1/4	80,736
1/2	1/2	1/2	1/2	1/2	164,871	1/2	152,890	1/2	140,875	1/2	128,797	1/2	116,720	1/2	104,642	1/2	92,564	1/2	80,484
3/4	3/4	3/4	3/4	3/4	164,623	3/4	152,640	3/4	140,624	3/4	128,546	3/4	116,468	3/4	104,390	3/4	92,312	3/4	80,233
10	10	10	10	10	164,375	10	152,390	10	140,372	10	128,294	10	116,216	10	104,139	10	92,061	10	79,981
1/4	1/4	1/4	1/4	1/4	164,127	1/4	152,139	1/4	140,120	1/4	128,043	1/4	115,965	1/4	103,887	1/4	91,809	1/4	79,729
1/2	1/2	1/2	1/2	1/2	163,879	1/2	151,889	1/2	139,869	1/2	127,791	1/2	115,713	1/2	103,635	1/2	91,557	1/2	79,478
3/4	3/4	3/4	3/4	3/4	163,631	3/4	151,639	3/4	139,617	3/4	127,539	3/4	115,462	3/4	103,384	3/4	91,306	3/4	79,226
11	11	11	11	11	163,383	11	151,389	11	139,365	11	127,288	11	115,210	11	103,132	11	91,054	11	78,974
1/4	1/4	1/4	1/4	1/4	163,135	1/4	151,138	1/4	139,114	1/4	127,036	1/4	114,958	1/4	102,881	1/4	90,802	1/4	78,723
1/2	1/2	1/2	1/2	1/2	162,887	1/2	150,888	1/2	138,862	1/2	126,784	1/2	114,707	1/2	102,629	1/2	90,551	1/2	78,471
3/4	3/4	3/4	3/4	3/4	162,639	3/4	150,638	3/4	138,611	3/4	126,533	3/4	114,455	3/4	102,377	3/4	90,299	3/4	78,219

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 1366"

2 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	77,968	0	65,888	0	53,808	0	41,728	0	29,892	0	17,863	0	5,789	0		0		0	
1/4	77,716	1/4	65,636	1/4	53,556	1/4	41,476	1/4	29,647	1/4	17,611	1/4	5,539	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,464	1/2	65,384	1/2	53,305	1/2	41,225	1/2	29,403	1/2	17,359	1/2	5,288	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,213	3/4	65,133	3/4	53,053	3/4	40,973	3/4	29,159	3/4	17,108	3/4	5,038	3/4	3/4	3/4	3/4	3/4	3/4
1	76,961	1	64,881	1	52,801	1	40,721	1	28,914	1	16,856	1	4,789	1	1	1	1	1	1
1/4	76,709	1/4	64,629	1/4	52,550	1/4	40,470	1/4	28,670	1/4	16,604	1/4	4,541	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,458	1/2	64,378	1/2	52,298	1/2	40,218	1/2	28,425	1/2	16,353	1/2	4,292	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,206	3/4	64,126	3/4	52,046	3/4	39,966	3/4	28,181	3/4	16,101	3/4	4,043	3/4	3/4	3/4	3/4	3/4	3/4
2	75,954	2	63,874	2	51,795	2	39,715	2	27,929	2	15,849	2	3,796	2	2	2	2	2	2
1/4	75,703	1/4	63,623	1/4	51,543	1/4	39,463	1/4	27,677	1/4	15,598	1/4	3,550	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,451	1/2	63,371	1/2	51,291	1/2	39,211	1/2	27,426	1/2	15,346	1/2	3,303	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,199	3/4	63,119	3/4	51,040	3/4	38,960	3/4	27,174	3/4	15,095	3/4	3,056	3/4	3/4	3/4	3/4	3/4	3/4
3	74,948	3	62,868	3	50,788	3	38,708	3	26,922	3	14,843	3	2,826	3	3	3	3	3	3
1/4	74,696	1/4	62,616	1/4	50,536	1/4	38,456	1/4	26,671	1/4	14,591	1/4	2,596	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,444	1/2	62,364	1/2	50,285	1/2	38,205	1/2	26,419	1/2	14,340	1/2	2,366	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,193	3/4	62,113	3/4	50,033	3/4	37,953	3/4	26,167	3/4	14,088	3/4	2,136	3/4	3/4	3/4	3/4	3/4	3/4
4	73,941	4	61,861	4	49,781	4	37,709	4	25,916	4	13,836	4	1,948	4	4	4	4	4	4
1/4	73,689	1/4	61,609	1/4	49,530	1/4	37,464	1/4	25,664	1/4	13,585	1/4	1,759	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,438	1/2	61,358	1/2	49,278	1/2	37,219	1/2	25,412	1/2	13,333	1/2	1,570	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,186	3/4	61,106	3/4	49,026	3/4	36,975	3/4	25,161	3/4	13,081	3/4	1,381	3/4	3/4	3/4	3/4	3/4	3/4
5	72,934	5	60,854	5	48,775	5	36,730	5	24,909	5	12,830	5	1,235	5	5	5	5	5	5
1/4	72,683	1/4	60,603	1/4	48,523	1/4	36,486	1/4	24,657	1/4	12,578	1/4	1,088	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,431	1/2	60,351	1/2	48,271	1/2	36,242	1/2	24,406	1/2	12,326	1/2	941	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,179	3/4	60,100	3/4	48,020	3/4	35,998	3/4	24,154	3/4	12,075	3/4	794	3/4	3/4	3/4	3/4	3/4	3/4
6	71,928	6	59,848	6	47,768	6	35,753	6	23,902	6	11,823	6	689	6	6	6	6	6	6
1/4	71,676	1/4	59,596	1/4	47,516	1/4	35,509	1/4	23,651	1/4	11,571	1/4	584	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,424	1/2	59,345	1/2	47,265	1/2	35,265	1/2	23,399	1/2	11,320	1/2	480	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,173	3/4	59,093	3/4	47,013	3/4	35,021	3/4	23,147	3/4	11,068	3/4	375	3/4	3/4	3/4	3/4	3/4	3/4
7	70,921	7	58,841	7	46,761	7	34,777	7	22,896	7	10,816	7	312	7	7	7	7	7	7
1/4	70,669	1/4	58,590	1/4	46,510	1/4	34,532	1/4	22,644	1/4	10,565	1/4	249	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,418	1/2	58,338	1/2	46,258	1/2	34,288	1/2	22,392	1/2	10,313	1/2	186	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,166	3/4	58,086	3/4	46,006	3/4	34,044	3/4	22,141	3/4	10,061	3/4	123	3/4	3/4	3/4	3/4	3/4	3/4
8	69,914	8	57,835	8	45,755	8	33,800	8	21,889	8	9,810	8	102	8	8	8	8	8	8
1/4	69,663	1/4	57,583	1/4	45,503	1/4	33,555	1/4	21,638	1/4	9,558	1/4	81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,411	1/2	57,331	1/2	45,251	1/2	33,311	1/2	21,386	1/2	9,306	1/2	60	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,159	3/4	57,080	3/4	45,000	3/4	33,067	3/4	21,134	3/4	9,055	3/4	39	3/4	3/4	3/4	3/4	3/4	3/4
9	68,908	9	56,828	9	44,748	9	32,823	9	20,883	9	8,803	9		9	9	9	9	9	9
1/4	68,656	1/4	56,576	1/4	44,496	1/4	32,578	1/4	20,631	1/4	8,552	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,404	1/2	56,325	1/2	44,245	1/2	32,334	1/2	20,379	1/2	8,300	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,153	3/4	56,073	3/4	43,993	3/4	32,090	3/4	20,128	3/4	8,048	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	67,901	10	55,821	10	43,741	10	31,846	10	19,876	10	7,797	10		10	10	10	10	10	10
1/4	67,649	1/4	55,570	1/4	43,490	1/4	31,601	1/4	19,624	1/4	7,545	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,398	1/2	55,318	1/2	43,238	1/2	31,357	1/2	19,373	1/2	7,294	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,146	3/4	55,066	3/4	42,986	3/4	31,113	3/4	19,121	3/4	7,043	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	66,894	11	54,815	11	42,735	11	30,869	11	18,869	11	6,792	11		11	11	11	11	11	11
1/4	66,643	1/4	54,563	1/4	42,483	1/4	30,624	1/4	18,618	1/4	6,541	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,391	1/2	54,311	1/2	42,231	1/2	30,380	1/2	18,366	1/2	6,290	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,139	3/4	54,060	3/4	41,980	3/4	30,136	3/4	18,114	3/4	6,039	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/20/2013 CL
CALCULATED: 08/20/2013 CL
PRINTED: 08/20/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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



BARGE "CBC 1366"

3 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	144,737	0	134,074	0	123,388	0	112,657	0	101,927	0	91,196	0	80,465
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,517	1/4	133,852	1/4	123,164	1/4	112,434	1/4	101,703	1/4	90,973	1/4	80,242
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,297	1/2	133,629	1/2	122,940	1/2	112,210	1/2	101,480	1/2	90,749	1/2	80,018
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,076	3/4	133,407	3/4	122,717	3/4	111,986	3/4	101,256	3/4	90,526	3/4	79,795
1		1		1	151,746	1	143,856	1	133,185	1	122,493	1	111,763	1	101,032	1	90,302	1	79,571
1/4	1/4	1/4	1/4	1/4	151,731	1/4	143,634	1/4	132,962	1/4	122,270	1/4	111,539	1/4	100,809	1/4	90,078	1/4	79,347
1/2	1/2	1/2	1/2	1/2	151,715	1/2	143,412	1/2	132,740	1/2	122,046	1/2	111,316	1/2	100,585	1/2	89,855	1/2	79,124
3/4	3/4	3/4	3/4	3/4	151,700	3/4	143,189	3/4	132,518	3/4	121,823	3/4	111,092	3/4	100,362	3/4	89,631	3/4	78,900
2		2		2	151,685	2	142,967	2	132,295	2	121,599	2	110,869	2	100,138	2	89,408	2	78,677
1/4	1/4	1/4	1/4	1/4	151,632	1/4	142,745	1/4	132,073	1/4	121,376	1/4	110,645	1/4	99,915	1/4	89,184	1/4	78,453
1/2	1/2	1/2	1/2	1/2	151,580	1/2	142,522	1/2	131,851	1/2	121,152	1/2	110,422	1/2	99,691	1/2	88,961	1/2	78,229
3/4	3/4	3/4	3/4	3/4	151,527	3/4	142,300	3/4	131,628	3/4	120,928	3/4	110,198	3/4	99,468	3/4	88,737	3/4	78,006
3		3		3	151,475	3	142,078	3	131,406	3	120,705	3	109,974	3	99,244	3	88,514	3	77,782
1/4	1/4	1/4	1/4	1/4	151,385	1/4	141,855	1/4	131,184	1/4	120,481	1/4	109,751	1/4	99,020	1/4	88,290	1/4	77,559
1/2	1/2	1/2	1/2	1/2	151,295	1/2	141,633	1/2	130,961	1/2	120,258	1/2	109,527	1/2	98,797	1/2	88,066	1/2	77,335
3/4	3/4	3/4	3/4	3/4	151,205	3/4	141,411	3/4	130,739	3/4	120,034	3/4	109,304	3/4	98,573	3/4	87,843	3/4	77,111
4		4		4	151,115	4	141,188	4	130,517	4	119,811	4	109,080	4	98,350	4	87,619	4	76,888
1/4	1/4	1/4	1/4	1/4	150,988	1/4	140,966	1/4	130,294	1/4	119,587	1/4	108,857	1/4	98,126	1/4	87,396	1/4	76,664
1/2	1/2	1/2	1/2	1/2	150,861	1/2	140,744	1/2	130,072	1/2	119,364	1/2	108,633	1/2	97,903	1/2	87,172	1/2	76,441
3/4	3/4	3/4	3/4	3/4	150,734	3/4	140,521	3/4	129,850	3/4	119,140	3/4	108,410	3/4	97,679	3/4	86,949	3/4	76,217
5		5		5	150,607	5	140,299	5	129,627	5	118,917	5	108,186	5	97,456	5	86,725	5	75,994
1/4	1/4	1/4	1/4	1/4	150,442	1/4	140,077	1/4	129,405	1/4	118,693	1/4	107,963	1/4	97,232	1/4	86,502	1/4	75,770
1/2	1/2	1/2	1/2	1/2	150,278	1/2	139,854	1/2	129,183	1/2	118,469	1/2	107,739	1/2	97,009	1/2	86,278	1/2	75,546
3/4	3/4	3/4	3/4	3/4	150,114	3/4	139,632	3/4	128,960	3/4	118,246	3/4	107,515	3/4	96,785	3/4	86,055	3/4	75,323
6		6		6	149,949	6	139,410	6	128,738	6	118,022	6	107,292	6	96,561	6	85,831	6	75,099
1/4	1/4	1/4	1/4	1/4	149,748	1/4	139,187	1/4	128,516	1/4	117,799	1/4	107,068	1/4	96,338	1/4	85,607	1/4	74,876
1/2	1/2	1/2	1/2	1/2	149,546	1/2	138,965	1/2	128,293	1/2	117,575	1/2	106,845	1/2	96,114	1/2	85,384	1/2	74,652
3/4	3/4	3/4	3/4	3/4	149,344	3/4	138,743	3/4	128,071	3/4	117,352	3/4	106,621	3/4	95,891	3/4	85,160	3/4	74,428
7		7		7	149,143	7	138,520	7	127,849	7	117,128	7	106,398	7	95,667	7	84,937	7	74,205
1/4	1/4	1/4	1/4	1/4	148,922	1/4	138,298	1/4	127,626	1/4	116,905	1/4	106,174	1/4	95,444	1/4	84,713	1/4	73,981
1/2	1/2	1/2	1/2	1/2	148,702	1/2	138,076	1/2	127,404	1/2	116,681	1/2	105,951	1/2	95,220	1/2	84,490	1/2	73,758
3/4	3/4	3/4	3/4	3/4	148,482	3/4	137,853	3/4	127,182	3/4	116,457	3/4	105,727	3/4	94,997	3/4	84,266	3/4	73,534
8		8		8	148,262	8	137,631	8	126,959	8	116,234	8	105,503	8	94,773	8	84,043	8	73,310
1/4	1/4	1/4	1/4	1/4	148,041	1/4	137,409	1/4	126,737	1/4	116,010	1/4	105,280	1/4	94,549	1/4	83,819	1/4	73,087
1/2	1/2	1/2	1/2	1/2	147,821	1/2	137,186	1/2	126,515	1/2	115,787	1/2	105,056	1/2	94,326	1/2	83,595	1/2	72,863
3/4	3/4	3/4	3/4	3/4	147,601	3/4	136,964	3/4	126,292	3/4	115,563	3/4	104,833	3/4	94,102	3/4	83,372	3/4	72,640
9		9		9	147,380	9	136,742	9	126,070	9	115,340	9	104,609	9	93,879	9	83,148	9	72,416
1/4	1/4	1/4	1/4	1/4	147,160	1/4	136,519	1/4	125,847	1/4	115,116	1/4	104,386	1/4	93,655	1/4	82,925	1/4	72,193
1/2	1/2	1/2	1/2	1/2	146,940	1/2	136,297	1/2	125,623	1/2	114,893	1/2	104,162	1/2	93,432	1/2	82,701	1/2	71,969
3/4	3/4	3/4	3/4	3/4	146,720	3/4	136,075	3/4	125,399	3/4	114,669	3/4	103,939	3/4	93,208	3/4	82,478	3/4	71,745
10		10		10	146,499	10	135,852	10	125,176	10	114,445	10	103,715	10	92,985	10	82,254	10	71,522
1/4	1/4	1/4	1/4	1/4	146,279	1/4	135,630	1/4	124,952	1/4	114,222	1/4	103,492	1/4	92,761	1/4	82,030	1/4	71,298
1/2	1/2	1/2	1/2	1/2	146,059	1/2	135,408	1/2	124,729	1/2	113,998	1/2	103,268	1/2	92,538	1/2	81,807	1/2	71,075
3/4	3/4	3/4	3/4	3/4	145,839	3/4	135,185	3/4	124,505	3/4	113,775	3/4	103,044	3/4	92,314	3/4	81,583	3/4	70,851
11		11		11	145,618	11	134,963	11	124,282	11	113,551	11	102,821	11	92,090	11	81,360	11	70,627
1/4	1/4	1/4	1/4	1/4	145,398	1/4	134,741	1/4	124,058	1/4	113,328	1/4	102,597	1/4	91,867	1/4	81,136	1/4	70,404
1/2	1/2	1/2	1/2	1/2	145,178	1/2	134,519	1/2	123,835	1/2	113,104	1/2	102,374	1/2	91,643	1/2	80,912	1/2	70,180
3/4	3/4	3/4	3/4	3/4	144,958	3/4	134,296	3/4	123,611	3/4	112,881	3/4	102,150	3/4	91,420	3/4	80,689	3/4	69,957

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 1366"

3 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	69,733	0	59,001	0	48,269	0	37,536	0	26,824	0	16,098	0	5,370	0		0		0	
1/4	69,509	1/4	58,777	1/4	48,045	1/4	37,313	1/4	26,601	1/4	15,874	1/4	5,147	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,286	1/2	58,554	1/2	47,821	1/2	37,089	1/2	26,378	1/2	15,651	1/2	4,925	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,062	3/4	58,330	3/4	47,598	3/4	36,865	3/4	26,156	3/4	15,427	3/4	4,703	3/4	3/4	3/4	3/4	3/4	3/4
1	68,839	1	58,106	1	47,374	1	36,642	1	25,933	1	15,204	1	4,481	1	1	1	1	1	1
1/4	68,615	1/4	57,883	1/4	47,151	1/4	36,418	1/4	25,709	1/4	14,980	1/4	4,260	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,392	1/2	57,659	1/2	46,927	1/2	36,195	1/2	25,486	1/2	14,756	1/2	4,039	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,168	3/4	57,436	3/4	46,703	3/4	35,971	3/4	25,263	3/4	14,533	3/4	3,817	3/4	3/4	3/4	3/4	3/4	3/4
2	67,944	2	57,212	2	46,480	2	35,748	2	25,040	2	14,309	2	3,596	2	2	2	2	2	2
1/4	67,721	1/4	56,988	1/4	46,256	1/4	35,524	1/4	24,817	1/4	14,086	1/4	3,377	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,497	1/2	56,765	1/2	46,033	1/2	35,300	1/2	24,593	1/2	13,862	1/2	3,158	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,274	3/4	56,541	3/4	45,809	3/4	35,077	3/4	24,370	3/4	13,639	3/4	2,939	3/4	3/4	3/4	3/4	3/4	3/4
3	67,050	3	56,318	3	45,585	3	34,853	3	24,147	3	13,415	3	2,720	3	3	3	3	3	3
1/4	66,826	1/4	56,094	1/4	45,362	1/4	34,630	1/4	23,923	1/4	13,191	1/4	2,515	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,603	1/2	55,871	1/2	45,138	1/2	34,406	1/2	23,700	1/2	12,968	1/2	2,311	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,379	3/4	55,647	3/4	44,915	3/4	34,182	3/4	23,476	3/4	12,744	3/4	2,107	3/4	3/4	3/4	3/4	3/4	3/4
4	66,156	4	55,423	4	44,691	4	33,959	4	23,253	4	12,521	4	1,902	4	4	4	4	4	4
1/4	65,932	1/4	55,200	1/4	44,468	1/4	33,735	1/4	23,029	1/4	12,297	1/4	1,735	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,708	1/2	54,976	1/2	44,244	1/2	33,512	1/2	22,805	1/2	12,074	1/2	1,567	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,485	3/4	54,753	3/4	44,020	3/4	33,288	3/4	22,582	3/4	11,850	3/4	1,399	3/4	3/4	3/4	3/4	3/4	3/4
5	65,261	5	54,529	5	43,797	5	33,064	5	22,358	5	11,626	5	1,232	5	5	5	5	5	5
1/4	65,038	1/4	54,305	1/4	43,573	1/4	32,842	1/4	22,135	1/4	11,403	1/4	1,101	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,814	1/2	54,082	1/2	43,350	1/2	32,619	1/2	21,911	1/2	11,179	1/2	971	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,591	3/4	53,858	3/4	43,126	3/4	32,396	3/4	21,687	3/4	10,956	3/4	840	3/4	3/4	3/4	3/4	3/4	3/4
6	64,367	6	53,635	6	42,902	6	32,173	6	21,464	6	10,732	6	710	6	6	6	6	6	6
1/4	64,143	1/4	53,411	1/4	42,679	1/4	31,950	1/4	21,240	1/4	10,508	1/4	617	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,920	1/2	53,187	1/2	42,455	1/2	31,727	1/2	21,017	1/2	10,285	1/2	524	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,696	3/4	52,964	3/4	42,232	3/4	31,504	3/4	20,793	3/4	10,061	3/4	431	3/4	3/4	3/4	3/4	3/4	3/4
7	63,473	7	52,740	7	42,008	7	31,282	7	20,570	7	9,838	7	337	7	7	7	7	7	7
1/4	63,249	1/4	52,517	1/4	41,784	1/4	31,059	1/4	20,346	1/4	9,614	1/4	282	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,025	1/2	52,293	1/2	41,561	1/2	30,836	1/2	20,122	1/2	9,391	1/2	226	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,802	3/4	52,070	3/4	41,337	3/4	30,613	3/4	19,899	3/4	9,167	3/4	170	3/4	3/4	3/4	3/4	3/4	3/4
8	62,578	8	51,846	8	41,114	8	30,390	8	19,675	8	8,943	8	114	8	8	8	8	8	8
1/4	62,355	1/4	51,622	1/4	40,890	1/4	30,167	1/4	19,452	1/4	8,720	1/4	95	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,131	1/2	51,399	1/2	40,667	1/2	29,944	1/2	19,228	1/2	8,496	1/2	77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,907	3/4	51,175	3/4	40,443	3/4	29,721	3/4	19,004	3/4	8,273	3/4	58	3/4	3/4	3/4	3/4	3/4	3/4
9	61,684	9	50,952	9	40,219	9	29,499	9	18,781	9	8,049	9	39	9	9	9	9	9	9
1/4	61,460	1/4	50,728	1/4	39,996	1/4	29,276	1/4	18,557	1/4	7,826	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,237	1/2	50,504	1/2	39,772	1/2	29,053	1/2	18,334	1/2	7,602	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,013	3/4	50,281	3/4	39,549	3/4	28,830	3/4	18,110	3/4	7,378	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,789	10	50,057	10	39,325	10	28,607	10	17,887	10	7,155	10		10	10	10	10	10	10
1/4	60,566	1/4	49,834	1/4	39,101	1/4	28,384	1/4	17,663	1/4	6,931	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,342	1/2	49,610	1/2	38,878	1/2	28,161	1/2	17,439	1/2	6,708	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,119	3/4	49,386	3/4	38,654	3/4	27,938	3/4	17,216	3/4	6,485	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,895	11	49,163	11	38,431	11	27,716	11	16,992	11	6,261	11		11	11	11	11	11	11
1/4	59,672	1/4	48,939	1/4	38,207	1/4	27,493	1/4	16,769	1/4	6,038	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,448	1/2	48,716	1/2	37,983	1/2	27,270	1/2	16,545	1/2	5,815	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,224	3/4	48,492	3/4	37,760	3/4	27,047	3/4	16,322	3/4	5,592	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: 08/20/2013 CL
PRINTED: 08/20/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2013

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