



BARGE "CBC 1376"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 27, 2014

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

<http://www.pmacorp.net>



BARGE "CBC 1376"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,096	0	18,890	0	29,535	0	40,209	0	50,975	0	61,742	0	72,486	0	83,231	0	94,001
1/4	58	1/4	8,321	1/4	19,115	1/4	29,753	1/4	40,433	1/4	51,200	1/4	61,966	1/4	72,709	1/4	83,456	1/4	94,226
1/2	77	1/2	8,545	1/2	19,340	1/2	29,972	1/2	40,657	1/2	51,424	1/2	62,191	1/2	72,932	1/2	83,680	1/2	94,450
3/4	96	3/4	8,770	3/4	19,565	3/4	30,190	3/4	40,881	3/4	51,648	3/4	62,415	3/4	73,155	3/4	83,904	3/4	94,674
1	114	1	8,995	1	19,790	1	30,409	1	41,106	1	51,873	1	62,639	1	73,378	1	84,129	1	94,899
1/4	171	1/4	9,220	1/4	20,015	1/4	30,627	1/4	41,330	1/4	52,097	1/4	62,864	1/4	73,601	1/4	84,353	1/4	95,123
1/2	227	1/2	9,445	1/2	20,240	1/2	30,846	1/2	41,554	1/2	52,321	1/2	63,088	1/2	73,823	1/2	84,577	1/2	95,348
3/4	283	3/4	9,670	3/4	20,465	3/4	31,064	3/4	41,779	3/4	52,545	3/4	63,312	3/4	74,046	3/4	84,802	3/4	95,572
2	339	2	9,895	2	20,690	2	31,283	2	42,003	2	52,770	2	63,537	2	74,269	2	85,026	2	95,796
1/4	433	1/4	10,120	1/4	20,914	1/4	31,501	1/4	42,227	1/4	52,994	1/4	63,761	1/4	74,492	1/4	85,251	1/4	96,021
1/2	527	1/2	10,345	1/2	21,139	1/2	31,720	1/2	42,452	1/2	53,218	1/2	63,985	1/2	74,715	1/2	85,475	1/2	96,245
3/4	620	3/4	10,570	3/4	21,364	3/4	31,938	3/4	42,676	3/4	53,443	3/4	64,210	3/4	74,938	3/4	85,699	3/4	96,469
3	714	3	10,794	3	21,589	3	32,157	3	42,900	3	53,667	3	64,434	3	75,161	3	85,924	3	96,694
1/4	845	1/4	11,019	1/4	21,814	1/4	32,375	1/4	43,125	1/4	53,891	1/4	64,658	1/4	75,384	1/4	86,148	1/4	96,918
1/2	976	1/2	11,244	1/2	22,039	1/2	32,594	1/2	43,349	1/2	54,116	1/2	64,882	1/2	75,607	1/2	86,372	1/2	97,143
3/4	1,107	3/4	11,469	3/4	22,264	3/4	32,812	3/4	43,573	3/4	54,340	3/4	65,107	3/4	75,830	3/4	86,597	3/4	97,367
4	1,239	4	11,694	4	22,489	4	33,031	4	43,797	4	54,564	4	65,331	4	76,053	4	86,821	4	97,591
1/4	1,407	1/4	11,919	1/4	22,714	1/4	33,255	1/4	44,022	1/4	54,789	1/4	65,555	1/4	76,277	1/4	87,046	1/4	97,816
1/2	1,576	1/2	12,144	1/2	22,938	1/2	33,479	1/2	44,246	1/2	55,013	1/2	65,780	1/2	76,500	1/2	87,270	1/2	98,040
3/4	1,744	3/4	12,369	3/4	23,163	3/4	33,704	3/4	44,470	3/4	55,237	3/4	66,004	3/4	76,724	3/4	87,494	3/4	98,264
5	1,913	5	12,594	5	23,388	5	33,928	5	44,695	5	55,461	5	66,228	5	76,948	5	87,719	5	98,489
1/4	2,119	1/4	12,818	1/4	23,613	1/4	34,152	1/4	44,919	1/4	55,686	1/4	66,453	1/4	77,172	1/4	87,943	1/4	98,713
1/2	2,324	1/2	13,043	1/2	23,838	1/2	34,376	1/2	45,143	1/2	55,910	1/2	66,677	1/2	77,397	1/2	88,167	1/2	98,938
3/4	2,530	3/4	13,268	3/4	24,063	3/4	34,601	3/4	45,368	3/4	56,134	3/4	66,901	3/4	77,621	3/4	88,392	3/4	99,162
6	2,735	6	13,493	6	24,288	6	34,825	6	45,592	6	56,359	6	67,126	6	77,845	6	88,616	6	99,386
1/4	2,956	1/4	13,718	1/4	24,507	1/4	35,049	1/4	45,816	1/4	56,583	1/4	67,349	1/4	78,070	1/4	88,841	1/4	99,611
1/2	3,176	1/2	13,943	1/2	24,726	1/2	35,274	1/2	46,041	1/2	56,807	1/2	67,573	1/2	78,294	1/2	89,065	1/2	99,835
3/4	3,396	3/4	14,168	3/4	24,944	3/4	35,498	3/4	46,265	3/4	57,032	3/4	67,797	3/4	78,519	3/4	89,289	3/4	100,059
7	3,617	7	14,393	7	25,163	7	35,722	7	46,489	7	57,256	7	68,020	7	78,743	7	89,514	7	100,284
1/4	3,839	1/4	14,618	1/4	25,382	1/4	35,947	1/4	46,713	1/4	57,480	1/4	68,244	1/4	78,967	1/4	89,738	1/4	100,508
1/2	4,062	1/2	14,842	1/2	25,601	1/2	36,171	1/2	46,938	1/2	57,705	1/2	68,468	1/2	79,192	1/2	89,962	1/2	100,733
3/4	4,284	3/4	15,067	3/4	25,820	3/4	36,395	3/4	47,162	3/4	57,929	3/4	68,692	3/4	79,416	3/4	90,187	3/4	100,957
8	4,506	8	15,292	8	26,039	8	36,620	8	47,386	8	58,153	8	68,915	8	79,641	8	90,411	8	101,181
1/4	4,730	1/4	15,517	1/4	26,257	1/4	36,844	1/4	47,611	1/4	58,377	1/4	69,139	1/4	79,865	1/4	90,636	1/4	101,406
1/2	4,953	1/2	15,742	1/2	26,476	1/2	37,068	1/2	47,835	1/2	58,602	1/2	69,363	1/2	80,089	1/2	90,860	1/2	101,630
3/4	5,177	3/4	15,967	3/4	26,694	3/4	37,292	3/4	48,059	3/4	58,826	3/4	69,586	3/4	80,314	3/4	91,084	3/4	101,855
9	5,400	9	16,192	9	26,913	9	37,517	9	48,284	9	59,050	9	69,810	9	80,538	9	91,309	9	102,079
1/4	5,625	1/4	16,417	1/4	27,131	1/4	37,741	1/4	48,508	1/4	59,275	1/4	70,033	1/4	80,763	1/4	91,533	1/4	102,303
1/2	5,849	1/2	16,642	1/2	27,350	1/2	37,965	1/2	48,732	1/2	59,499	1/2	70,256	1/2	80,987	1/2	91,758	1/2	102,528
3/4	6,073	3/4	16,866	3/4	27,568	3/4	38,190	3/4	48,957	3/4	59,723	3/4	70,479	3/4	81,211	3/4	91,982	3/4	102,752
10	6,297	10	17,091	10	27,787	10	38,414	10	49,181	10	59,948	10	70,702	10	81,436	10	92,206	10	102,976
1/4	6,522	1/4	17,316	1/4	28,005	1/4	38,638	1/4	49,405	1/4	60,172	1/4	70,925	1/4	81,660	1/4	92,431	1/4	103,201
1/2	6,747	1/2	17,541	1/2	28,224	1/2	38,863	1/2	49,629	1/2	60,396	1/2	71,148	1/2	81,885	1/2	92,655	1/2	103,425
3/4	6,972	3/4	17,766	3/4	28,442	3/4	39,087	3/4	49,854	3/4	60,621	3/4	71,371	3/4	82,109	3/4	92,879	3/4	103,650
11	7,196	11	17,991	11	28,661	11	39,311	11	50,078	11	60,845	11	71,594	11	82,334	11	93,104	11	103,874
1/4	7,421	1/4	18,216	1/4	28,879	1/4	39,536	1/4	50,302	1/4	61,069	1/4	71,817	1/4	82,558	1/4	93,328	1/4	104,098
1/2	7,646	1/2	18,441	1/2	29,098	1/2	39,760	1/2	50,527	1/2	61,294	1/2	72,040	1/2	82,782	1/2	93,553	1/2	104,323
3/4	7,871	3/4	18,666	3/4	29,316	3/4	39,984	3/4	50,751	3/4	61,518	3/4	72,263	3/4	83,007	3/4	93,777	3/4	104,547

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'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1376"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,771	0	114,878	0	124,343	0	133,766	0	143,172	0		0		0		0		0	
1/4	104,996	1/4	115,075	1/4	124,539	1/4	133,962	1/4	143,367	1/4		1/4		1/4		1/4		1/4	
1/2	105,220	1/2	115,272	1/2	124,736	1/2	134,159	1/2	143,561	1/2		1/2		1/2		1/2		1/2	
3/4	105,444	3/4	115,469	3/4	124,933	3/4	134,356	3/4	143,756	3/4		3/4		3/4		3/4		3/4	
1	105,668	1	115,667	1	125,129	1	134,552	1	143,951	1		1		1		1		1	
1/4	105,892	1/4	115,864	1/4	125,326	1/4	134,749	1/4	144,145	1/4		1/4		1/4		1/4		1/4	
1/2	106,116	1/2	116,061	1/2	125,523	1/2	134,946	1/2	144,340	1/2		1/2		1/2		1/2		1/2	
3/4	106,340	3/4	116,258	3/4	125,719	3/4	135,142	3/4	144,534	3/4		3/4		3/4		3/4		3/4	
2	106,564	2	116,455	2	125,916	2	135,339	2	144,729	2		2		2		2		2	
1/4	106,789	1/4	116,652	1/4	126,113	1/4	135,536	1/4	144,933	1/4		1/4		1/4		1/4		1/4	
1/2	107,013	1/2	116,850	1/2	126,309	1/2	135,732	1/2	145,136	1/2		1/2		1/2		1/2		1/2	
3/4	107,237	3/4	117,047	3/4	126,506	3/4	135,929	3/4	145,340	3/4		3/4		3/4		3/4		3/4	
3	107,461	3	117,244	3	126,703	3	136,126	3	145,543	3		3		3		3		3	
1/4	107,685	1/4	117,441	1/4	126,899	1/4	136,322	1/4	145,709	1/4		1/4		1/4		1/4		1/4	
1/2	107,909	1/2	117,638	1/2	127,096	1/2	136,519	1/2	145,875	1/2		1/2		1/2		1/2		1/2	
3/4	108,133	3/4	117,836	3/4	127,293	3/4	136,716	3/4	146,041	3/4		3/4		3/4		3/4		3/4	
4	108,357	4	118,033	4	127,489	4	136,912	4	146,207	4		4		4		4		4	
1/4	108,582	1/4	118,230	1/4	127,686	1/4	137,109	1/4	146,336	1/4		1/4		1/4		1/4		1/4	
1/2	108,806	1/2	118,427	1/2	127,883	1/2	137,306	1/2	146,464	1/2		1/2		1/2		1/2		1/2	
3/4	109,030	3/4	118,624	3/4	128,079	3/4	137,502	3/4	146,593	3/4		3/4		3/4		3/4		3/4	
5	109,254	5	118,822	5	128,276	5	137,699	5	146,721	5		5		5		5		5	
1/4	109,478	1/4	119,019	1/4	128,473	1/4	137,896	1/4	146,812	1/4		1/4		1/4		1/4		1/4	
1/2	109,702	1/2	119,216	1/2	128,669	1/2	138,092	1/2	146,903	1/2		1/2		1/2		1/2		1/2	
3/4	109,926	3/4	119,413	3/4	128,866	3/4	138,289	3/4	146,994	3/4		3/4		3/4		3/4		3/4	
6	110,151	6	119,610	6	129,063	6	138,486	6	147,085	6		6		6		6		6	
1/4	110,347	1/4	119,807	1/4	129,259	1/4	138,682	1/4	147,139	1/4		1/4		1/4		1/4		1/4	
1/2	110,544	1/2	120,005	1/2	129,455	1/2	138,879	1/2	147,192	1/2		1/2		1/2		1/2		1/2	
3/4	110,741	3/4	120,202	3/4	129,651	3/4	139,076	3/4	147,246	3/4		3/4		3/4		3/4		3/4	
7	110,938	7	120,399	7	129,846	7	139,272	7	147,300	7		7		7		7		7	
1/4	111,135	1/4	120,596	1/4	130,042	1/4	139,469	1/4	147,316	1/4		1/4		1/4		1/4		1/4	
1/2	111,332	1/2	120,793	1/2	130,238	1/2	139,666	1/2	147,332	1/2		1/2		1/2		1/2		1/2	
3/4	111,529	3/4	120,991	3/4	130,434	3/4	139,862	3/4		3/4		3/4		3/4		3/4		3/4	
8	111,726	8	121,188	8	130,630	8	140,059	8		8		8		8		8		8	
1/4	111,923	1/4	121,385	1/4	130,826	1/4	140,253	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,120	1/2	121,582	1/2	131,022	1/2	140,448	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,317	3/4	121,779	3/4	131,218	3/4	140,643	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,514	9	121,977	9	131,414	9	140,837	9		9		9		9		9		9	
1/4	112,711	1/4	122,174	1/4	131,610	1/4	141,032	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,908	1/2	122,371	1/2	131,806	1/2	141,226	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,105	3/4	122,568	3/4	132,002	3/4	141,421	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,302	10	122,765	10	132,198	10	141,616	10		10		10		10		10		10	
1/4	113,499	1/4	122,962	1/4	132,394	1/4	141,810	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,696	1/2	123,160	1/2	132,590	1/2	142,005	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,893	3/4	123,357	3/4	132,786	3/4	142,199	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,090	11	123,554	11	132,982	11	142,394	11		11		11		11		11		11	
1/4	114,287	1/4	123,751	1/4	133,178	1/4	142,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,484	1/2	123,948	1/2	133,374	1/2	142,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,681	3/4	124,146	3/4	133,570	3/4	142,978	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 CL
CALCULATED: 05/27/2014 CL
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1376"

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	9,047	0	21,115	0	33,037	0	44,959	0	57,028	0	69,097	0	81,165	0	93,234	0	105,301
1/4	60	1/4	9,298	1/4	21,366	1/4	33,281	1/4	45,210	1/4	57,279	1/4	69,348	1/4	81,417	1/4	93,486	1/4	105,553
1/2	81	1/2	9,549	1/2	21,618	1/2	33,525	1/2	45,462	1/2	57,531	1/2	69,599	1/2	81,668	1/2	93,737	1/2	105,804
3/4	102	3/4	9,801	3/4	21,869	3/4	33,769	3/4	45,713	3/4	57,782	3/4	69,851	3/4	81,920	3/4	93,989	3/4	106,055
1	123	1	10,052	1	22,121	1	34,013	1	45,965	1	58,033	1	70,102	1	82,171	1	94,240	1	106,307
1/4	186	1/4	10,304	1/4	22,372	1/4	34,257	1/4	46,216	1/4	58,285	1/4	70,354	1/4	82,423	1/4	94,491	1/4	106,558
1/2	249	1/2	10,555	1/2	22,624	1/2	34,501	1/2	46,467	1/2	58,536	1/2	70,605	1/2	82,674	1/2	94,743	1/2	106,809
3/4	312	3/4	10,807	3/4	22,875	3/4	34,745	3/4	46,719	3/4	58,788	3/4	70,857	3/4	82,926	3/4	94,994	3/4	107,061
2	374	2	11,058	2	23,126	2	34,989	2	46,970	2	59,039	2	71,108	2	83,177	2	95,245	2	107,312
1/4	479	1/4	11,309	1/4	23,378	1/4	35,233	1/4	47,222	1/4	59,291	1/4	71,360	1/4	83,428	1/4	95,497	1/4	107,564
1/2	584	1/2	11,561	1/2	23,629	1/2	35,477	1/2	47,473	1/2	59,542	1/2	71,611	1/2	83,680	1/2	95,748	1/2	107,815
3/4	689	3/4	11,812	3/4	23,881	3/4	35,721	3/4	47,725	3/4	59,794	3/4	71,862	3/4	83,931	3/4	96,000	3/4	108,066
3	793	3	12,064	3	24,132	3	35,965	3	47,976	3	60,045	3	72,114	3	84,183	3	96,251	3	108,318
1/4	940	1/4	12,315	1/4	24,384	1/4	36,209	1/4	48,228	1/4	60,296	1/4	72,365	1/4	84,434	1/4	96,502	1/4	108,569
1/2	1,087	1/2	12,567	1/2	24,635	1/2	36,453	1/2	48,479	1/2	60,548	1/2	72,617	1/2	84,686	1/2	96,754	1/2	108,821
3/4	1,233	3/4	12,818	3/4	24,886	3/4	36,697	3/4	48,730	3/4	60,799	3/4	72,868	3/4	84,937	3/4	97,005	3/4	109,072
4	1,380	4	13,069	4	25,138	4	36,941	4	48,982	4	61,051	4	73,120	4	85,188	4	97,257	4	109,323
1/4	1,569	1/4	13,321	1/4	25,389	1/4	37,186	1/4	49,233	1/4	61,302	1/4	73,371	1/4	85,440	1/4	97,508	1/4	109,575
1/2	1,757	1/2	13,572	1/2	25,641	1/2	37,430	1/2	49,485	1/2	61,554	1/2	73,622	1/2	85,691	1/2	97,759	1/2	109,826
3/4	1,946	3/4	13,824	3/4	25,892	3/4	37,674	3/4	49,736	3/4	61,805	3/4	73,874	3/4	85,943	3/4	98,011	3/4	110,078
5	2,134	5	14,075	5	26,144	5	37,919	5	49,988	5	62,056	5	74,125	5	86,194	5	98,262	5	110,329
1/4	2,364	1/4	14,327	1/4	26,395	1/4	38,170	1/4	50,239	1/4	62,308	1/4	74,377	1/4	86,446	1/4	98,514	1/4	110,580
1/2	2,594	1/2	14,578	1/2	26,646	1/2	38,422	1/2	50,490	1/2	62,559	1/2	74,628	1/2	86,697	1/2	98,765	1/2	110,832
3/4	2,824	3/4	14,829	3/4	26,898	3/4	38,673	3/4	50,742	3/4	62,811	3/4	74,880	3/4	86,948	3/4	99,016	3/4	111,083
6	3,054	6	15,081	6	27,149	6	38,924	6	50,993	6	63,062	6	75,131	6	87,200	6	99,268	6	111,335
1/4	3,300	1/4	15,332	1/4	27,401	1/4	39,176	1/4	51,245	1/4	63,314	1/4	75,382	1/4	87,451	1/4	99,519	1/4	111,586
1/2	3,546	1/2	15,584	1/2	27,652	1/2	39,427	1/2	51,496	1/2	63,565	1/2	75,634	1/2	87,703	1/2	99,771	1/2	111,837
3/4	3,793	3/4	15,835	3/4	27,904	3/4	39,679	3/4	51,748	3/4	63,816	3/4	75,885	3/4	87,954	3/4	100,022	3/4	112,089
7	4,039	7	16,087	7	28,155	7	39,930	7	51,999	7	64,068	7	76,137	7	88,206	7	100,273	7	112,340
1/4	4,288	1/4	16,338	1/4	28,399	1/4	40,182	1/4	52,250	1/4	64,319	1/4	76,388	1/4	88,457	1/4	100,525	1/4	112,591
1/2	4,537	1/2	16,589	1/2	28,644	1/2	40,433	1/2	52,502	1/2	64,571	1/2	76,640	1/2	88,709	1/2	100,776	1/2	112,843
3/4	4,785	3/4	16,841	3/4	28,888	3/4	40,684	3/4	52,753	3/4	64,822	3/4	76,891	3/4	88,960	3/4	101,027	3/4	113,094
8	5,034	8	17,092	8	29,132	8	40,936	8	53,005	8	65,074	8	77,143	8	89,211	8	101,279	8	113,346
1/4	5,284	1/4	17,344	1/4	29,376	1/4	41,187	1/4	53,256	1/4	65,325	1/4	77,394	1/4	89,463	1/4	101,530	1/4	113,597
1/2	5,534	1/2	17,595	1/2	29,621	1/2	41,439	1/2	53,508	1/2	65,577	1/2	77,645	1/2	89,714	1/2	101,782	1/2	113,848
3/4	5,783	3/4	17,847	3/4	29,865	3/4	41,690	3/4	53,759	3/4	65,828	3/4	77,897	3/4	89,966	3/4	102,033	3/4	114,100
9	6,033	9	18,098	9	30,109	9	41,942	9	54,011	9	66,079	9	78,148	9	90,217	9	102,284	9	114,351
1/4	6,284	1/4	18,349	1/4	30,353	1/4	42,193	1/4	54,262	1/4	66,331	1/4	78,400	1/4	90,469	1/4	102,536	1/4	114,603
1/2	6,535	1/2	18,601	1/2	30,597	1/2	42,445	1/2	54,513	1/2	66,582	1/2	78,651	1/2	90,720	1/2	102,787	1/2	114,854
3/4	6,785	3/4	18,852	3/4	30,841	3/4	42,696	3/4	54,765	3/4	66,834	3/4	78,903	3/4	90,971	3/4	103,039	3/4	115,105
10	7,036	10	19,104	10	31,085	10	42,947	10	55,016	10	67,085	10	79,154	10	91,223	10	103,290	10	115,357
1/4	7,287	1/4	19,355	1/4	31,329	1/4	43,199	1/4	55,268	1/4	67,337	1/4	79,405	1/4	91,474	1/4	103,541	1/4	115,608
1/2	7,539	1/2	19,606	1/2	31,573	1/2	43,450	1/2	55,519	1/2	67,588	1/2	79,657	1/2	91,726	1/2	103,793	1/2	115,860
3/4	7,790	3/4	19,858	3/4	31,817	3/4	43,702	3/4	55,771	3/4	67,839	3/4	79,908	3/4	91,977	3/4	104,044	3/4	116,111
11	8,041	11	20,109	11	32,061	11	43,953	11	56,022	11	68,091	11	80,160	11	92,229	11	104,296	11	116,362
1/4	8,292	1/4	20,361	1/4	32,305	1/4	44,205	1/4	56,273	1/4	68,342	1/4	80,411	1/4	92,480	1/4	104,547	1/4	116,614
1/2	8,544	1/2	20,612	1/2	32,549	1/2	44,456	1/2	56,525	1/2	68,594	1/2	80,663	1/2	92,731	1/2	104,798	1/2	116,865
3/4	8,795	3/4	20,864	3/4	32,793	3/4	44,707	3/4	56,776	3/4	68,845	3/4	80,914	3/4	92,983	3/4	105,050	3/4	117,117

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1376"

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	117,368	0	129,435	0	141,501	0	153,501	0	165,464	0		0		0		0		0	
1/4	117,619	1/4	129,686	1/4	141,751	1/4	153,751	1/4	165,712	1/4		1/4		1/4		1/4		1/4	
1/2	117,871	1/2	129,937	1/2	142,001	1/2	154,001	1/2	165,959	1/2		1/2		1/2		1/2		1/2	
3/4	118,122	3/4	130,189	3/4	142,251	3/4	154,251	3/4	166,207	3/4		3/4		3/4		3/4		3/4	
1	118,373	1	130,440	1	142,501	1	154,501	1	166,455	1		1		1		1		1	
1/4	118,625	1/4	130,692	1/4	142,751	1/4	154,751	1/4	166,702	1/4		1/4		1/4		1/4		1/4	
1/2	118,876	1/2	130,943	1/2	143,001	1/2	155,001	1/2	166,950	1/2		1/2		1/2		1/2		1/2	
3/4	119,128	3/4	131,194	3/4	143,251	3/4	155,251	3/4	167,198	3/4		3/4		3/4		3/4		3/4	
2	119,379	2	131,446	2	143,501	2	155,501	2	167,445	2		2		2		2		2	
1/4	119,630	1/4	131,697	1/4	143,751	1/4	155,751	1/4	167,672	1/4		1/4		1/4		1/4		1/4	
1/2	119,882	1/2	131,949	1/2	144,001	1/2	156,001	1/2	167,899	1/2		1/2		1/2		1/2		1/2	
3/4	120,133	3/4	132,200	3/4	144,251	3/4	156,251	3/4	168,126	3/4		3/4		3/4		3/4		3/4	
3	120,385	3	132,451	3	144,501	3	156,501	3	168,352	3		3		3		3		3	
1/4	120,636	1/4	132,703	1/4	144,751	1/4	156,751	1/4	168,537	1/4		1/4		1/4		1/4		1/4	
1/2	120,887	1/2	132,954	1/2	145,001	1/2	157,001	1/2	168,722	1/2		1/2		1/2		1/2		1/2	
3/4	121,139	3/4	133,206	3/4	145,251	3/4	157,251	3/4	168,907	3/4		3/4		3/4		3/4		3/4	
4	121,390	4	133,457	4	145,501	4	157,501	4	169,092	4		4		4		4		4	
1/4	121,642	1/4	133,708	1/4	145,751	1/4	157,751	1/4	169,235	1/4		1/4		1/4		1/4		1/4	
1/2	121,893	1/2	133,960	1/2	146,001	1/2	158,001	1/2	169,377	1/2		1/2		1/2		1/2		1/2	
3/4	122,144	3/4	134,211	3/4	146,251	3/4	158,251	3/4	169,520	3/4		3/4		3/4		3/4		3/4	
5	122,396	5	134,463	5	146,501	5	158,501	5	169,663	5		5		5		5		5	
1/4	122,647	1/4	134,714	1/4	146,751	1/4	158,751	1/4	169,764	1/4		1/4		1/4		1/4		1/4	
1/2	122,899	1/2	134,965	1/2	147,001	1/2	159,001	1/2	169,865	1/2		1/2		1/2		1/2		1/2	
3/4	123,150	3/4	135,217	3/4	147,251	3/4	159,251	3/4	169,966	3/4		3/4		3/4		3/4		3/4	
6	123,401	6	135,468	6	147,501	6	159,501	6	170,067	6		6		6		6		6	
1/4	123,653	1/4	135,719	1/4	147,751	1/4	159,751	1/4	170,126	1/4		1/4		1/4		1/4		1/4	
1/2	123,904	1/2	135,971	1/2	148,001	1/2	160,001	1/2	170,186	1/2		1/2		1/2		1/2		1/2	
3/4	124,155	3/4	136,222	3/4	148,251	3/4	160,251	3/4	170,245	3/4		3/4		3/4		3/4		3/4	
7	124,407	7	136,474	7	148,501	7	160,501	7	170,304	7		7		7		7		7	
1/4	124,658	1/4	136,725	1/4	148,751	1/4	160,751	1/4	170,321	1/4		1/4		1/4		1/4		1/4	
1/2	124,910	1/2	136,976	1/2	149,001	1/2	161,001	1/2	170,338	1/2		1/2		1/2		1/2		1/2	
3/4	125,161	3/4	137,228	3/4	149,251	3/4	161,251	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,412	8	137,479	8	149,501	8	161,501	8		8		8		8		8		8	
1/4	125,664	1/4	137,731	1/4	149,751	1/4	161,749	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,915	1/2	137,982	1/2	150,001	1/2	161,996	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,167	3/4	138,233	3/4	150,251	3/4	162,244	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,418	9	138,485	9	150,501	9	162,492	9		9		9		9		9		9	
1/4	126,669	1/4	138,736	1/4	150,751	1/4	162,739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,921	1/2	138,988	1/2	151,001	1/2	162,987	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,172	3/4	139,239	3/4	151,251	3/4	163,235	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,424	10	139,490	10	151,501	10	163,482	10		10		10		10		10		10	
1/4	127,675	1/4	139,742	1/4	151,751	1/4	163,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,926	1/2	139,993	1/2	152,001	1/2	163,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,178	3/4	140,245	3/4	152,251	3/4	164,226	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,429	11	140,496	11	152,501	11	164,473	11		11		11		11		11		11	
1/4	128,681	1/4	140,747	1/4	152,751	1/4	164,721	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,932	1/2	140,999	1/2	153,001	1/2	164,969	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,183	3/4	141,250	3/4	153,251	3/4	165,216	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 CL
CALCULATED: 05/27/2014 CL
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1376"

3 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	8,038	0	18,755	0	29,458	0	40,165	0	50,882	0	61,600	0	72,318	0	83,035	0	93,751
1/4	58	1/4	8,261	1/4	18,979	1/4	29,681	1/4	40,388	1/4	51,106	1/4	61,823	1/4	72,541	1/4	83,259	1/4	93,974
1/2	77	1/2	8,485	1/2	19,202	1/2	29,904	1/2	40,611	1/2	51,329	1/2	62,047	1/2	72,764	1/2	83,482	1/2	94,198
3/4	95	3/4	8,708	3/4	19,425	3/4	30,126	3/4	40,834	3/4	51,552	3/4	62,270	3/4	72,987	3/4	83,705	3/4	94,421
1	114	1	8,931	1	19,648	1	30,349	1	41,058	1	51,775	1	62,493	1	73,211	1	83,928	1	94,644
1/4	170	1/4	9,155	1/4	19,872	1/4	30,571	1/4	41,281	1/4	51,999	1/4	62,716	1/4	73,434	1/4	84,152	1/4	94,867
1/2	225	1/2	9,378	1/2	20,095	1/2	30,794	1/2	41,504	1/2	52,222	1/2	62,940	1/2	73,657	1/2	84,375	1/2	95,091
3/4	281	3/4	9,601	3/4	20,318	3/4	31,016	3/4	41,728	3/4	52,445	3/4	63,163	3/4	73,881	3/4	84,598	3/4	95,314
2	337	2	9,824	2	20,542	2	31,239	2	41,951	2	52,669	2	63,386	2	74,104	2	84,821	2	95,537
1/4	430	1/4	10,048	1/4	20,765	1/4	31,462	1/4	42,174	1/4	52,892	1/4	63,610	1/4	74,327	1/4	85,045	1/4	95,760
1/2	523	1/2	10,271	1/2	20,988	1/2	31,684	1/2	42,397	1/2	53,115	1/2	63,833	1/2	74,550	1/2	85,268	1/2	95,984
3/4	616	3/4	10,494	3/4	21,211	3/4	31,907	3/4	42,621	3/4	53,338	3/4	64,056	3/4	74,774	3/4	85,491	3/4	96,207
3	709	3	10,717	3	21,435	3	32,129	3	42,844	3	53,562	3	64,279	3	74,997	3	85,714	3	96,430
1/4	839	1/4	10,941	1/4	21,658	1/4	32,352	1/4	43,067	1/4	53,785	1/4	64,503	1/4	75,220	1/4	85,938	1/4	96,653
1/2	970	1/2	11,164	1/2	21,881	1/2	32,574	1/2	43,291	1/2	54,008	1/2	64,726	1/2	75,444	1/2	86,161	1/2	96,877
3/4	1,100	3/4	11,387	3/4	22,105	3/4	32,797	3/4	43,514	3/4	54,232	3/4	64,949	3/4	75,667	3/4	86,384	3/4	97,100
4	1,230	4	11,611	4	22,328	4	33,020	4	43,737	4	54,455	4	65,173	4	75,890	4	86,607	4	97,323
1/4	1,397	1/4	11,834	1/4	22,551	1/4	33,243	1/4	43,960	1/4	54,678	1/4	65,396	1/4	76,113	1/4	86,830	1/4	97,546
1/2	1,565	1/2	12,057	1/2	22,774	1/2	33,466	1/2	44,184	1/2	54,901	1/2	65,619	1/2	76,337	1/2	87,054	1/2	97,770
3/4	1,732	3/4	12,280	3/4	22,998	3/4	33,689	3/4	44,407	3/4	55,125	3/4	65,842	3/4	76,560	3/4	87,277	3/4	97,993
5	1,900	5	12,504	5	23,221	5	33,913	5	44,630	5	55,348	5	66,066	5	76,783	5	87,500	5	98,216
1/4	2,104	1/4	12,727	1/4	23,444	1/4	34,136	1/4	44,854	1/4	55,571	1/4	66,289	1/4	77,007	1/4	87,723	1/4	98,439
1/2	2,308	1/2	12,950	1/2	23,667	1/2	34,359	1/2	45,077	1/2	55,795	1/2	66,512	1/2	77,230	1/2	87,947	1/2	98,663
3/4	2,512	3/4	13,173	3/4	23,891	3/4	34,583	3/4	45,300	3/4	56,018	3/4	66,736	3/4	77,453	3/4	88,170	3/4	98,886
6	2,716	6	13,397	6	24,114	6	34,806	6	45,523	6	56,241	6	66,959	6	77,676	6	88,393	6	99,109
1/4	2,935	1/4	13,620	1/4	24,337	1/4	35,029	1/4	45,747	1/4	56,464	1/4	67,182	1/4	77,900	1/4	88,616	1/4	99,332
1/2	3,154	1/2	13,843	1/2	24,560	1/2	35,252	1/2	45,970	1/2	56,688	1/2	67,405	1/2	78,123	1/2	88,840	1/2	99,556
3/4	3,373	3/4	14,067	3/4	24,783	3/4	35,476	3/4	46,193	3/4	56,911	3/4	67,629	3/4	78,346	3/4	89,063	3/4	99,779
7	3,591	7	14,290	7	25,006	7	35,699	7	46,417	7	57,134	7	67,852	7	78,570	7	89,286	7	100,002
1/4	3,812	1/4	14,513	1/4	25,229	1/4	35,922	1/4	46,640	1/4	57,358	1/4	68,075	1/4	78,793	1/4	89,509	1/4	100,225
1/2	4,033	1/2	14,736	1/2	25,452	1/2	36,146	1/2	46,863	1/2	57,581	1/2	68,299	1/2	79,016	1/2	89,733	1/2	100,449
3/4	4,254	3/4	14,960	3/4	25,674	3/4	36,369	3/4	47,086	3/4	57,804	3/4	68,522	3/4	79,239	3/4	89,956	3/4	100,672
8	4,475	8	15,183	8	25,897	8	36,592	8	47,310	8	58,027	8	68,745	8	79,463	8	90,179	8	100,895
1/4	4,696	1/4	15,406	1/4	26,120	1/4	36,815	1/4	47,533	1/4	58,251	1/4	68,968	1/4	79,686	1/4	90,402	1/4	101,118
1/2	4,918	1/2	15,630	1/2	26,343	1/2	37,039	1/2	47,756	1/2	58,474	1/2	69,192	1/2	79,909	1/2	90,626	1/2	101,342
3/4	5,140	3/4	15,853	3/4	26,565	3/4	37,262	3/4	47,980	3/4	58,697	3/4	69,415	3/4	80,133	3/4	90,849	3/4	101,565
9	5,362	9	16,076	9	26,788	9	37,485	9	48,203	9	58,921	9	69,638	9	80,356	9	91,072	9	101,788
1/4	5,585	1/4	16,299	1/4	27,010	1/4	37,708	1/4	48,426	1/4	59,144	1/4	69,861	1/4	80,579	1/4	91,295	1/4	102,011
1/2	5,808	1/2	16,523	1/2	27,233	1/2	37,932	1/2	48,649	1/2	59,367	1/2	70,085	1/2	80,802	1/2	91,519	1/2	102,235
3/4	6,030	3/4	16,746	3/4	27,455	3/4	38,155	3/4	48,873	3/4	59,590	3/4	70,308	3/4	81,026	3/4	91,742	3/4	102,458
10	6,253	10	16,969	10	27,678	10	38,378	10	49,096	10	59,814	10	70,531	10	81,249	10	91,965	10	102,681
1/4	6,476	1/4	17,192	1/4	27,900	1/4	38,602	1/4	49,319	1/4	60,037	1/4	70,755	1/4	81,472	1/4	92,188	1/4	102,904
1/2	6,699	1/2	17,416	1/2	28,123	1/2	38,825	1/2	49,543	1/2	60,260	1/2	70,978	1/2	81,696	1/2	92,412	1/2	103,128
3/4	6,922	3/4	17,639	3/4	28,346	3/4	39,048	3/4	49,766	3/4	60,484	3/4	71,201	3/4	81,919	3/4	92,635	3/4	103,351
11	7,145	11	17,862	11	28,568	11	39,271	11	49,989	11	60,707	11	71,424	11	82,142	11	92,858	11	103,574
1/4	7,368	1/4	18,086	1/4	28,791	1/4	39,495	1/4	50,212	1/4	60,930	1/4	71,648	1/4	82,365	1/4	93,081	1/4	103,797
1/2	7,592	1/2	18,309	1/2	29,013	1/2	39,718	1/2	50,436	1/2	61,153	1/2	71,871	1/2	82,589	1/2	93,305	1/2	104,021
3/4	7,815	3/4	18,532	3/4	29,236	3/4	39,941	3/4	50,659	3/4	61,377	3/4	72,094	3/4	82,812	3/4	93,528	3/4	104,244

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "CBC 1376"

3 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	104,467	0	115,183	0	125,899	0	136,556	0	147,180	0		0		0		0		0	
1/4	104,690	1/4	115,406	1/4	126,121	1/4	136,778	1/4	147,400	1/4		1/4		1/4		1/4		1/4	
1/2	104,913	1/2	115,629	1/2	126,343	1/2	137,000	1/2	147,620	1/2		1/2		1/2		1/2		1/2	
3/4	105,137	3/4	115,853	3/4	126,565	3/4	137,222	3/4	147,840	3/4		3/4		3/4		3/4		3/4	
1	105,360	1	116,076	1	126,787	1	137,444	1	148,060	1		1		1		1		1	
1/4	105,583	1/4	116,299	1/4	127,009	1/4	137,666	1/4	148,280	1/4		1/4		1/4		1/4		1/4	
1/2	105,806	1/2	116,522	1/2	127,231	1/2	137,888	1/2	148,500	1/2		1/2		1/2		1/2		1/2	
3/4	106,030	3/4	116,746	3/4	127,453	3/4	138,110	3/4	148,720	3/4		3/4		3/4		3/4		3/4	
2	106,253	2	116,969	2	127,675	2	138,332	2	148,940	2		2		2		2		2	
1/4	106,476	1/4	117,192	1/4	127,897	1/4	138,554	1/4	149,141	1/4		1/4		1/4		1/4		1/4	
1/2	106,699	1/2	117,415	1/2	128,119	1/2	138,776	1/2	149,343	1/2		1/2		1/2		1/2		1/2	
3/4	106,923	3/4	117,639	3/4	128,341	3/4	138,998	3/4	149,544	3/4		3/4		3/4		3/4		3/4	
3	107,146	3	117,862	3	128,563	3	139,220	3	149,745	3		3		3		3		3	
1/4	107,369	1/4	118,085	1/4	128,785	1/4	139,442	1/4	149,909	1/4		1/4		1/4		1/4		1/4	
1/2	107,592	1/2	118,308	1/2	129,007	1/2	139,664	1/2	150,074	1/2		1/2		1/2		1/2		1/2	
3/4	107,816	3/4	118,532	3/4	129,229	3/4	139,886	3/4	150,238	3/4		3/4		3/4		3/4		3/4	
4	108,039	4	118,755	4	129,451	4	140,108	4	150,402	4		4		4		4		4	
1/4	108,262	1/4	118,978	1/4	129,673	1/4	140,330	1/4	150,529	1/4		1/4		1/4		1/4		1/4	
1/2	108,485	1/2	119,201	1/2	129,895	1/2	140,552	1/2	150,656	1/2		1/2		1/2		1/2		1/2	
3/4	108,709	3/4	119,425	3/4	130,117	3/4	140,774	3/4	150,783	3/4		3/4		3/4		3/4		3/4	
5	108,932	5	119,648	5	130,339	5	140,996	5	150,910	5		5		5		5		5	
1/4	109,155	1/4	119,871	1/4	130,561	1/4	141,218	1/4	150,999	1/4		1/4		1/4		1/4		1/4	
1/2	109,378	1/2	120,094	1/2	130,783	1/2	141,440	1/2	151,089	1/2		1/2		1/2		1/2		1/2	
3/4	109,602	3/4	120,318	3/4	131,005	3/4	141,662	3/4	151,179	3/4		3/4		3/4		3/4		3/4	
6	109,825	6	120,541	6	131,227	6	141,884	6	151,269	6		6		6		6		6	
1/4	110,048	1/4	120,764	1/4	131,449	1/4	142,106	1/4	151,321	1/4		1/4		1/4		1/4		1/4	
1/2	110,271	1/2	120,987	1/2	131,671	1/2	142,328	1/2	151,374	1/2		1/2		1/2		1/2		1/2	
3/4	110,495	3/4	121,211	3/4	131,893	3/4	142,550	3/4	151,426	3/4		3/4		3/4		3/4		3/4	
7	110,718	7	121,434	7	132,115	7	142,772	7	151,479	7		7		7		7		7	
1/4	110,941	1/4	121,657	1/4	132,337	1/4	142,994	1/4	151,494	1/4		1/4		1/4		1/4		1/4	
1/2	111,164	1/2	121,880	1/2	132,559	1/2	143,217	1/2	151,509	1/2		1/2		1/2		1/2		1/2	
3/4	111,388	3/4	122,104	3/4	132,781	3/4	143,439	3/4		3/4		3/4		3/4		3/4		3/4	
8	111,611	8	122,327	8	133,003	8	143,661	8		8		8		8		8		8	
1/4	111,834	1/4	122,550	1/4	133,225	1/4	143,881	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,057	1/2	122,773	1/2	133,447	1/2	144,100	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,281	3/4	122,997	3/4	133,670	3/4	144,320	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,504	9	123,220	9	133,892	9	144,540	9		9		9		9		9		9	
1/4	112,727	1/4	123,443	1/4	134,114	1/4	144,760	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,950	1/2	123,666	1/2	134,336	1/2	144,980	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,174	3/4	123,889	3/4	134,558	3/4	145,200	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,397	10	124,113	10	134,780	10	145,420	10		10		10		10		10		10	
1/4	113,620	1/4	124,336	1/4	135,002	1/4	145,640	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,843	1/2	124,559	1/2	135,224	1/2	145,860	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,067	3/4	124,782	3/4	135,446	3/4	146,080	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,290	11	125,006	11	135,668	11	146,300	11		11		11		11		11		11	
1/4	114,513	1/4	125,229	1/4	135,890	1/4	146,520	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,736	1/2	125,452	1/2	136,112	1/2	146,740	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,960	3/4	125,675	3/4	136,334	3/4	146,960	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 CL
CALCULATED: 05/27/2014 CL
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1376"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 27, 2014

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

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BARGE "CBC 1376"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	140,448	0	131,022	0	121,582	0	112,120	0	101,630	0	90,860	0	80,089	0	80,089
1/4	1/4	1/4	1/4	1/4	147,253	1/4	130,826	1/4	121,385	1/4	111,923	1/4	101,406	1/4	90,636	1/4	79,865	1/4	79,865
1/2	1/2	1/2	1/2	1/2	140,059	1/2	130,630	1/2	121,188	1/2	111,726	1/2	101,181	1/2	90,411	1/2	79,641	1/2	79,641
3/4	3/4	3/4	3/4	3/4	139,862	3/4	130,434	3/4	120,991	3/4	111,529	3/4	100,957	3/4	90,187	3/4	79,416	3/4	79,416
1	1	1	1	1	147,332	1	139,666	1	130,238	1	120,793	1	111,332	1	100,733	1	89,962	1	79,192
1/4	1/4	1/4	1/4	1/4	147,316	1/4	139,469	1/4	130,042	1/4	120,596	1/4	111,135	1/4	100,508	1/4	89,738	1/4	78,967
1/2	1/2	1/2	1/2	1/2	147,300	1/2	139,272	1/2	129,846	1/2	120,399	1/2	110,938	1/2	100,284	1/2	89,514	1/2	78,743
3/4	3/4	3/4	3/4	3/4	147,246	3/4	139,076	3/4	129,651	3/4	120,202	3/4	110,741	3/4	100,059	3/4	89,289	3/4	78,519
2	2	2	2	2	147,192	2	138,879	2	129,455	2	120,005	2	110,544	2	99,835	2	89,065	2	78,294
1/4	1/4	1/4	1/4	1/4	147,139	1/4	138,682	1/4	129,259	1/4	119,807	1/4	110,347	1/4	99,611	1/4	88,841	1/4	78,070
1/2	1/2	1/2	1/2	1/2	147,085	1/2	138,486	1/2	129,063	1/2	119,610	1/2	110,151	1/2	99,386	1/2	88,616	1/2	77,845
3/4	3/4	3/4	3/4	3/4	146,994	3/4	138,289	3/4	128,866	3/4	119,413	3/4	109,926	3/4	99,162	3/4	88,392	3/4	77,621
3	3	3	3	3	146,903	3	138,092	3	128,669	3	119,216	3	109,702	3	98,938	3	88,167	3	77,397
1/4	1/4	1/4	1/4	1/4	146,812	1/4	137,896	1/4	128,473	1/4	119,019	1/4	109,478	1/4	98,713	1/4	87,943	1/4	77,172
1/2	1/2	1/2	1/2	1/2	146,721	1/2	137,699	1/2	128,276	1/2	118,822	1/2	109,254	1/2	98,489	1/2	87,719	1/2	76,948
3/4	3/4	3/4	3/4	3/4	146,593	3/4	137,502	3/4	128,079	3/4	118,624	3/4	109,030	3/4	98,264	3/4	87,494	3/4	76,724
4	4	4	4	4	146,464	4	137,306	4	127,883	4	118,427	4	108,806	4	98,040	4	87,270	4	76,500
1/4	1/4	1/4	1/4	1/4	146,336	1/4	137,109	1/4	127,686	1/4	118,230	1/4	108,582	1/4	97,816	1/4	87,046	1/4	76,277
1/2	1/2	1/2	1/2	1/2	146,207	1/2	136,912	1/2	127,489	1/2	118,033	1/2	108,357	1/2	97,591	1/2	86,821	1/2	76,053
3/4	3/4	3/4	3/4	3/4	146,041	3/4	136,716	3/4	127,293	3/4	117,836	3/4	108,133	3/4	97,367	3/4	86,597	3/4	75,830
5	5	5	5	5	145,875	5	136,519	5	127,096	5	117,638	5	107,909	5	97,143	5	86,372	5	75,607
1/4	1/4	1/4	1/4	1/4	145,709	1/4	136,322	1/4	126,899	1/4	117,441	1/4	107,685	1/4	96,918	1/4	86,148	1/4	75,384
1/2	1/2	1/2	1/2	1/2	145,543	1/2	136,126	1/2	126,703	1/2	117,244	1/2	107,461	1/2	96,694	1/2	85,924	1/2	75,161
3/4	3/4	3/4	3/4	3/4	145,340	3/4	135,929	3/4	126,506	3/4	117,047	3/4	107,237	3/4	96,469	3/4	85,699	3/4	74,938
6	6	6	6	6	145,136	6	135,732	6	126,309	6	116,850	6	107,013	6	96,245	6	85,475	6	74,715
1/4	1/4	1/4	1/4	1/4	144,933	1/4	135,536	1/4	126,113	1/4	116,652	1/4	106,789	1/4	96,021	1/4	85,251	1/4	74,492
1/2	1/2	1/2	1/2	1/2	144,729	1/2	135,339	1/2	125,916	1/2	116,455	1/2	106,564	1/2	95,796	1/2	85,026	1/2	74,269
3/4	3/4	3/4	3/4	3/4	144,534	3/4	135,142	3/4	125,719	3/4	116,258	3/4	106,340	3/4	95,572	3/4	84,802	3/4	74,046
7	7	7	7	7	144,340	7	134,946	7	125,523	7	116,061	7	106,116	7	95,348	7	84,577	7	73,823
1/4	1/4	1/4	1/4	1/4	144,145	1/4	134,749	1/4	125,326	1/4	115,864	1/4	105,892	1/4	95,123	1/4	84,353	1/4	73,601
1/2	1/2	1/2	1/2	1/2	143,951	1/2	134,552	1/2	125,129	1/2	115,667	1/2	105,668	1/2	94,899	1/2	84,129	1/2	73,378
3/4	3/4	3/4	3/4	3/4	143,756	3/4	134,356	3/4	124,933	3/4	115,469	3/4	105,444	3/4	94,674	3/4	83,904	3/4	73,155
8	8	8	8	8	143,561	8	134,159	8	124,736	8	115,272	8	105,220	8	94,450	8	83,680	8	72,932
1/4	1/4	1/4	1/4	1/4	143,367	1/4	133,962	1/4	124,539	1/4	115,075	1/4	104,996	1/4	94,226	1/4	83,456	1/4	72,709
1/2	1/2	1/2	1/2	1/2	143,172	1/2	133,766	1/2	124,343	1/2	114,878	1/2	104,771	1/2	94,001	1/2	83,231	1/2	72,486
3/4	3/4	3/4	3/4	3/4	142,978	3/4	133,570	3/4	124,146	3/4	114,681	3/4	104,547	3/4	93,777	3/4	83,007	3/4	72,263
9	9	9	9	9	142,783	9	133,374	9	123,948	9	114,484	9	104,323	9	93,553	9	82,782	9	72,040
1/4	1/4	1/4	1/4	1/4	142,589	1/4	133,178	1/4	123,751	1/4	114,287	1/4	104,098	1/4	93,328	1/4	82,558	1/4	71,817
1/2	1/2	1/2	1/2	1/2	142,394	1/2	132,982	1/2	123,554	1/2	114,090	1/2	103,874	1/2	93,104	1/2	82,334	1/2	71,594
3/4	3/4	3/4	3/4	3/4	142,199	3/4	132,786	3/4	123,357	3/4	113,893	3/4	103,650	3/4	92,879	3/4	82,109	3/4	71,371
10	10	10	10	10	142,005	10	132,590	10	123,160	10	113,696	10	103,425	10	92,655	10	81,885	10	71,148
1/4	1/4	1/4	1/4	1/4	141,810	1/4	132,394	1/4	122,962	1/4	113,499	1/4	103,201	1/4	92,431	1/4	81,660	1/4	70,925
1/2	1/2	1/2	1/2	1/2	141,616	1/2	132,198	1/2	122,765	1/2	113,302	1/2	102,976	1/2	92,206	1/2	81,436	1/2	70,702
3/4	3/4	3/4	3/4	3/4	141,421	3/4	132,002	3/4	122,568	3/4	113,105	3/4	102,752	3/4	91,982	3/4	81,211	3/4	70,479
11	11	11	11	11	141,226	11	131,806	11	122,371	11	112,908	11	102,528	11	91,758	11	80,987	11	70,256
1/4	1/4	1/4	1/4	1/4	141,032	1/4	131,610	1/4	122,174	1/4	112,711	1/4	102,303	1/4	91,533	1/4	80,763	1/4	70,033
1/2	1/2	1/2	1/2	1/2	140,837	1/2	131,414	1/2	121,977	1/2	112,514	1/2	102,079	1/2	91,309	1/2	80,538	1/2	69,810
3/4	3/4	3/4	3/4	3/4	140,643	3/4	131,218	3/4	121,779	3/4	112,317	3/4	101,855	3/4	91,084	3/4	80,314	3/4	69,586

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'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1376"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	69,363	0	58,602	0	47,835	0	37,068	0	26,476	0	15,742	0	4,953	0		0		0	
1/4	69,139	1/4	58,377	1/4	47,611	1/4	36,844	1/4	26,257	1/4	15,517	1/4	4,730	1/4		1/4		1/4	
1/2	68,915	1/2	58,153	1/2	47,386	1/2	36,620	1/2	26,039	1/2	15,292	1/2	4,506	1/2		1/2		1/2	
3/4	68,692	3/4	57,929	3/4	47,162	3/4	36,395	3/4	25,820	3/4	15,067	3/4	4,284	3/4		3/4		3/4	
1	68,468	1	57,705	1	46,938	1	36,171	1	25,601	1	14,842	1	4,062	1		1		1	
1/4	68,244	1/4	57,480	1/4	46,713	1/4	35,947	1/4	25,382	1/4	14,618	1/4	3,839	1/4		1/4		1/4	
1/2	68,020	1/2	57,256	1/2	46,489	1/2	35,722	1/2	25,163	1/2	14,393	1/2	3,617	1/2		1/2		1/2	
3/4	67,797	3/4	57,032	3/4	46,265	3/4	35,498	3/4	24,944	3/4	14,168	3/4	3,396	3/4		3/4		3/4	
2	67,573	2	56,807	2	46,041	2	35,274	2	24,726	2	13,943	2	3,176	2		2		2	
1/4	67,349	1/4	56,583	1/4	45,816	1/4	35,049	1/4	24,507	1/4	13,718	1/4	2,956	1/4		1/4		1/4	
1/2	67,126	1/2	56,359	1/2	45,592	1/2	34,825	1/2	24,288	1/2	13,493	1/2	2,735	1/2		1/2		1/2	
3/4	66,901	3/4	56,134	3/4	45,368	3/4	34,601	3/4	24,063	3/4	13,268	3/4	2,530	3/4		3/4		3/4	
3	66,677	3	55,910	3	45,143	3	34,376	3	23,838	3	13,043	3	2,324	3		3		3	
1/4	66,453	1/4	55,686	1/4	44,919	1/4	34,152	1/4	23,613	1/4	12,818	1/4	2,119	1/4		1/4		1/4	
1/2	66,228	1/2	55,461	1/2	44,695	1/2	33,928	1/2	23,388	1/2	12,594	1/2	1,913	1/2		1/2		1/2	
3/4	66,004	3/4	55,237	3/4	44,470	3/4	33,704	3/4	23,163	3/4	12,369	3/4	1,744	3/4		3/4		3/4	
4	65,780	4	55,013	4	44,246	4	33,479	4	22,938	4	12,144	4	1,576	4		4		4	
1/4	65,555	1/4	54,789	1/4	44,022	1/4	33,255	1/4	22,714	1/4	11,919	1/4	1,407	1/4		1/4		1/4	
1/2	65,331	1/2	54,564	1/2	43,797	1/2	33,031	1/2	22,489	1/2	11,694	1/2	1,239	1/2		1/2		1/2	
3/4	65,107	3/4	54,340	3/4	43,573	3/4	32,812	3/4	22,264	3/4	11,469	3/4	1,107	3/4		3/4		3/4	
5	64,882	5	54,116	5	43,349	5	32,594	5	22,039	5	11,244	5	976	5		5		5	
1/4	64,658	1/4	53,891	1/4	43,125	1/4	32,375	1/4	21,814	1/4	11,019	1/4	845	1/4		1/4		1/4	
1/2	64,434	1/2	53,667	1/2	42,900	1/2	32,157	1/2	21,589	1/2	10,794	1/2	714	1/2		1/2		1/2	
3/4	64,210	3/4	53,443	3/4	42,676	3/4	31,938	3/4	21,364	3/4	10,570	3/4	620	3/4		3/4		3/4	
6	63,985	6	53,218	6	42,452	6	31,720	6	21,139	6	10,345	6	527	6		6		6	
1/4	63,761	1/4	52,994	1/4	42,227	1/4	31,501	1/4	20,914	1/4	10,120	1/4	433	1/4		1/4		1/4	
1/2	63,537	1/2	52,770	1/2	42,003	1/2	31,283	1/2	20,690	1/2	9,895	1/2	339	1/2		1/2		1/2	
3/4	63,312	3/4	52,545	3/4	41,779	3/4	31,064	3/4	20,465	3/4	9,670	3/4	283	3/4		3/4		3/4	
7	63,088	7	52,321	7	41,554	7	30,846	7	20,240	7	9,445	7	227	7		7		7	
1/4	62,864	1/4	52,097	1/4	41,330	1/4	30,627	1/4	20,015	1/4	9,220	1/4	171	1/4		1/4		1/4	
1/2	62,639	1/2	51,873	1/2	41,106	1/2	30,409	1/2	19,790	1/2	8,995	1/2	114	1/2		1/2		1/2	
3/4	62,415	3/4	51,648	3/4	40,881	3/4	30,190	3/4	19,565	3/4	8,770	3/4	96	3/4		3/4		3/4	
8	62,191	8	51,424	8	40,657	8	29,972	8	19,340	8	8,545	8	77	8		8		8	
1/4	61,966	1/4	51,200	1/4	40,433	1/4	29,753	1/4	19,115	1/4	8,321	1/4	58	1/4		1/4		1/4	
1/2	61,742	1/2	50,975	1/2	40,209	1/2	29,535	1/2	18,890	1/2	8,096	1/2	39	1/2		1/2		1/2	
3/4	61,518	3/4	50,751	3/4	39,984	3/4	29,316	3/4	18,666	3/4	7,871	3/4		3/4		3/4		3/4	
9	61,294	9	50,527	9	39,760	9	29,098	9	18,441	9	7,646	9		9		9		9	
1/4	61,069	1/4	50,302	1/4	39,536	1/4	28,879	1/4	18,216	1/4	7,421	1/4		1/4		1/4		1/4	
1/2	60,845	1/2	50,078	1/2	39,311	1/2	28,661	1/2	17,991	1/2	7,196	1/2		1/2		1/2		1/2	
3/4	60,621	3/4	49,854	3/4	39,087	3/4	28,442	3/4	17,766	3/4	6,972	3/4		3/4		3/4		3/4	
10	60,396	10	49,629	10	38,863	10	28,224	10	17,541	10	6,747	10		10		10		10	
1/4	60,172	1/4	49,405	1/4	38,638	1/4	28,005	1/4	17,316	1/4	6,522	1/4		1/4		1/4		1/4	
1/2	59,948	1/2	49,181	1/2	38,414	1/2	27,787	1/2	17,091	1/2	6,297	1/2		1/2		1/2		1/2	
3/4	59,723	3/4	48,957	3/4	38,190	3/4	27,568	3/4	16,866	3/4	6,073	3/4		3/4		3/4		3/4	
11	59,499	11	48,732	11	37,965	11	27,350	11	16,642	11	5,849	11		11		11		11	
1/4	59,275	1/4	48,508	1/4	37,741	1/4	27,131	1/4	16,417	1/4	5,625	1/4		1/4		1/4		1/4	
1/2	59,050	1/2	48,284	1/2	37,517	1/2	26,913	1/2	16,192	1/2	5,400	1/2		1/2		1/2		1/2	
3/4	58,826	3/4	48,059	3/4	37,292	3/4	26,694	3/4	15,967	3/4	5,177	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 CL
CALCULATED: 05/27/2014 CL
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1376"

2 CENTER ULLAGE 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	0	0	0	0	162,244	0	150,251	0	138,233	0	126,167	0	114,100	0	102,033	0	89,966		
1/4	1/4	1/4	1/4	1/4	161,996	1/4	150,001	1/4	137,982	1/4	125,915	1/4	113,848	1/4	101,782	1/4	89,714		
1/2	1/2	1/2	1/2	1/2	161,749	1/2	149,751	1/2	137,731	1/2	125,664	1/2	113,597	1/2	101,530	1/2	89,463		
3/4	3/4	3/4	3/4	3/4	161,501	3/4	149,501	3/4	137,479	3/4	125,412	3/4	113,346	3/4	101,279	3/4	89,211		
1	1	1	1	1	161,251	1	149,251	1	137,228	1	125,161	1	113,094	1	101,027	1	88,960		
1/4	1/4	1/4	1/4	1/4	170,338	1/4	161,001	1/4	149,001	1/4	136,976	1/4	124,910	1/4	112,843	1/4	100,776	1/4	88,709
1/2	1/2	1/2	1/2	1/2	170,321	1/2	160,751	1/2	148,751	1/2	136,725	1/2	124,658	1/2	112,591	1/2	100,525	1/2	88,457
3/4	3/4	3/4	3/4	3/4	170,304	3/4	160,501	3/4	148,501	3/4	136,474	3/4	124,407	3/4	112,340	3/4	100,273	3/4	88,206
2	2	2	2	2	170,245	2	160,251	2	148,251	2	136,222	2	124,155	2	112,089	2	100,022	2	87,954
1/4	1/4	1/4	1/4	1/4	170,186	1/4	160,001	1/4	148,001	1/4	135,971	1/4	123,904	1/4	111,837	1/4	99,771	1/4	87,703
1/2	1/2	1/2	1/2	1/2	170,126	1/2	159,751	1/2	147,751	1/2	135,719	1/2	123,653	1/2	111,586	1/2	99,519	1/2	87,451
3/4	3/4	3/4	3/4	3/4	170,067	3/4	159,501	3/4	147,501	3/4	135,468	3/4	123,401	3/4	111,335	3/4	99,268	3/4	87,200
3	3	3	3	3	169,966	3	159,251	3	147,251	3	135,217	3	123,150	3	111,083	3	99,016	3	86,948
1/4	1/4	1/4	1/4	1/4	169,865	1/4	159,001	1/4	147,001	1/4	134,965	1/4	122,899	1/4	110,832	1/4	98,765	1/4	86,697
1/2	1/2	1/2	1/2	1/2	169,764	1/2	158,751	1/2	146,751	1/2	134,714	1/2	122,647	1/2	110,580	1/2	98,514	1/2	86,446
3/4	3/4	3/4	3/4	3/4	169,663	3/4	158,501	3/4	146,501	3/4	134,463	3/4	122,396	3/4	110,329	3/4	98,262	3/4	86,194
4	4	4	4	4	169,520	4	158,251	4	146,251	4	134,211	4	122,144	4	110,078	4	98,011	4	85,943
1/4	1/4	1/4	1/4	1/4	169,377	1/4	158,001	1/4	146,001	1/4	133,960	1/4	121,893	1/4	109,826	1/4	97,759	1/4	85,691
1/2	1/2	1/2	1/2	1/2	169,235	1/2	157,751	1/2	145,751	1/2	133,708	1/2	121,642	1/2	109,575	1/2	97,508	1/2	85,440
3/4	3/4	3/4	3/4	3/4	169,092	3/4	157,501	3/4	145,501	3/4	133,457	3/4	121,390	3/4	109,323	3/4	97,257	3/4	85,188
5	5	5	5	5	168,907	5	157,251	5	145,251	5	133,206	5	121,139	5	109,072	5	97,005	5	84,937
1/4	1/4	1/4	1/4	1/4	168,722	1/4	157,001	1/4	145,001	1/4	132,954	1/4	120,887	1/4	108,821	1/4	96,754	1/4	84,686
1/2	1/2	1/2	1/2	1/2	168,537	1/2	156,751	1/2	144,751	1/2	132,703	1/2	120,636	1/2	108,569	1/2	96,502	1/2	84,434
3/4	3/4	3/4	3/4	3/4	168,352	3/4	156,501	3/4	144,501	3/4	132,451	3/4	120,385	3/4	108,318	3/4	96,251	3/4	84,183
6	6	6	6	6	168,126	6	156,251	6	144,251	6	132,200	6	120,133	6	108,066	6	96,000	6	83,931
1/4	1/4	1/4	1/4	1/4	167,899	1/4	156,001	1/4	144,001	1/4	131,949	1/4	119,882	1/4	107,815	1/4	95,748	1/4	83,680
1/2	1/2	1/2	1/2	1/2	167,672	1/2	155,751	1/2	143,751	1/2	131,697	1/2	119,630	1/2	107,564	1/2	95,497	1/2	83,428
3/4	3/4	3/4	3/4	3/4	167,445	3/4	155,501	3/4	143,501	3/4	131,446	3/4	119,379	3/4	107,312	3/4	95,245	3/4	83,177
7	7	7	7	7	167,198	7	155,251	7	143,251	7	131,194	7	119,128	7	107,061	7	94,994	7	82,926
1/4	1/4	1/4	1/4	1/4	166,950	1/4	155,001	1/4	143,001	1/4	130,943	1/4	118,876	1/4	106,809	1/4	94,743	1/4	82,674
1/2	1/2	1/2	1/2	1/2	166,702	1/2	154,751	1/2	142,751	1/2	130,692	1/2	118,625	1/2	106,558	1/2	94,491	1/2	82,423
3/4	3/4	3/4	3/4	3/4	166,455	3/4	154,501	3/4	142,501	3/4	130,440	3/4	118,373	3/4	106,307	3/4	94,240	3/4	82,171
8	8	8	8	8	166,207	8	154,251	8	142,251	8	130,189	8	118,122	8	106,055	8	93,989	8	81,920
1/4	1/4	1/4	1/4	1/4	165,959	1/4	154,001	1/4	142,001	1/4	129,937	1/4	117,871	1/4	105,804	1/4	93,737	1/4	81,668
1/2	1/2	1/2	1/2	1/2	165,712	1/2	153,751	1/2	141,751	1/2	129,686	1/2	117,619	1/2	105,553	1/2	93,486	1/2	81,417
3/4	3/4	3/4	3/4	3/4	165,464	3/4	153,501	3/4	141,501	3/4	129,435	3/4	117,368	3/4	105,301	3/4	93,234	3/4	81,165
9	9	9	9	9	165,216	9	153,251	9	141,250	9	129,183	9	117,117	9	105,050	9	92,983	9	80,914
1/4	1/4	1/4	1/4	1/4	164,969	1/4	153,001	1/4	140,999	1/4	128,932	1/4	116,865	1/4	104,798	1/4	92,731	1/4	80,663
1/2	1/2	1/2	1/2	1/2	164,721	1/2	152,751	1/2	140,747	1/2	128,681	1/2	116,614	1/2	104,547	1/2	92,480	1/2	80,411
3/4	3/4	3/4	3/4	3/4	164,473	3/4	152,501	3/4	140,496	3/4	128,429	3/4	116,362	3/4	104,296	3/4	92,229	3/4	80,160
10	10	10	10	10	164,226	10	152,251	10	140,245	10	128,178	10	116,111	10	104,044	10	91,977	10	79,908
1/4	1/4	1/4	1/4	1/4	163,978	1/4	152,001	1/4	139,993	1/4	127,926	1/4	115,860	1/4	103,793	1/4	91,726	1/4	79,657
1/2	1/2	1/2	1/2	1/2	163,730	1/2	151,751	1/2	139,742	1/2	127,675	1/2	115,608	1/2	103,541	1/2	91,474	1/2	79,405
3/4	3/4	3/4	3/4	3/4	163,482	3/4	151,501	3/4	139,490	3/4	127,424	3/4	115,357	3/4	103,290	3/4	91,223	3/4	79,154
11	11	11	11	11	163,235	11	151,251	11	139,239	11	127,172	11	115,105	11	103,039	11	90,971	11	78,903
1/4	1/4	1/4	1/4	1/4	162,987	1/4	151,001	1/4	138,988	1/4	126,921	1/4	114,854	1/4	102,787	1/4	90,720	1/4	78,651
1/2	1/2	1/2	1/2	1/2	162,739	1/2	150,751	1/2	138,736	1/2	126,669	1/2	114,603	1/2	102,536	1/2	90,469	1/2	78,400
3/4	3/4	3/4	3/4	3/4	162,492	3/4	150,501	3/4	138,485	3/4	126,418	3/4	114,351	3/4	102,284	3/4	90,217	3/4	78,148

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1376"

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	77,897	0	65,828	0	53,759	0	41,690	0	29,865	0	17,847	0	5,783	0					
1/4	77,645	1/4	65,577	1/4	53,508	1/4	41,439	1/4	29,621	1/4	17,595	1/4	5,534	1/4					
1/2	77,394	1/2	65,325	1/2	53,256	1/2	41,187	1/2	29,376	1/2	17,344	1/2	5,284	1/2					
3/4	77,143	3/4	65,074	3/4	53,005	3/4	40,936	3/4	29,132	3/4	17,092	3/4	5,034	3/4					
1	76,891	1	64,822	1	52,753	1	40,684	1	28,888	1	16,841	1	4,785	1					
1/4	76,640	1/4	64,571	1/4	52,502	1/4	40,433	1/4	28,644	1/4	16,589	1/4	4,537	1/4					
1/2	76,388	1/2	64,319	1/2	52,250	1/2	40,182	1/2	28,399	1/2	16,338	1/2	4,288	1/2					
3/4	76,137	3/4	64,068	3/4	51,999	3/4	39,930	3/4	28,155	3/4	16,087	3/4	4,039	3/4					
2	75,885	2	63,816	2	51,748	2	39,679	2	27,904	2	15,835	2	3,793	2					
1/4	75,634	1/4	63,565	1/4	51,496	1/4	39,427	1/4	27,652	1/4	15,584	1/4	3,546	1/4					
1/2	75,382	1/2	63,314	1/2	51,245	1/2	39,176	1/2	27,401	1/2	15,332	1/2	3,300	1/2					
3/4	75,131	3/4	63,062	3/4	50,993	3/4	38,924	3/4	27,149	3/4	15,081	3/4	3,054	3/4					
3	74,880	3	62,811	3	50,742	3	38,673	3	26,898	3	14,829	3	2,824	3					
1/4	74,628	1/4	62,559	1/4	50,490	1/4	38,422	1/4	26,646	1/4	14,578	1/4	2,594	1/4					
1/2	74,377	1/2	62,308	1/2	50,239	1/2	38,170	1/2	26,395	1/2	14,327	1/2	2,364	1/2					
3/4	74,125	3/4	62,056	3/4	49,988	3/4	37,919	3/4	26,144	3/4	14,075	3/4	2,134	3/4					
4	73,874	4	61,805	4	49,736	4	37,674	4	25,892	4	13,824	4	1,946	4					
1/4	73,622	1/4	61,554	1/4	49,485	1/4	37,430	1/4	25,641	1/4	13,572	1/4	1,757	1/4					
1/2	73,371	1/2	61,302	1/2	49,233	1/2	37,186	1/2	25,389	1/2	13,321	1/2	1,569	1/2					
3/4	73,120	3/4	61,051	3/4	48,982	3/4	36,941	3/4	25,138	3/4	13,069	3/4	1,380	3/4					
5	72,868	5	60,799	5	48,730	5	36,697	5	24,886	5	12,818	5	1,233	5					
1/4	72,617	1/4	60,548	1/4	48,479	1/4	36,453	1/4	24,635	1/4	12,567	1/4	1,087	1/4					
1/2	72,365	1/2	60,296	1/2	48,228	1/2	36,209	1/2	24,384	1/2	12,315	1/2	940	1/2					
3/4	72,114	3/4	60,045	3/4	47,976	3/4	35,965	3/4	24,132	3/4	12,064	3/4	793	3/4					
6	71,862	6	59,794	6	47,725	6	35,721	6	23,881	6	11,812	6	689	6					
1/4	71,611	1/4	59,542	1/4	47,473	1/4	35,477	1/4	23,629	1/4	11,561	1/4	584	1/4					
1/2	71,360	1/2	59,291	1/2	47,222	1/2	35,233	1/2	23,378	1/2	11,309	1/2	479	1/2					
3/4	71,108	3/4	59,039	3/4	46,970	3/4	34,989	3/4	23,126	3/4	11,058	3/4	374	3/4					
7	70,857	7	58,788	7	46,719	7	34,745	7	22,875	7	10,807	7	312	7					
1/4	70,605	1/4	58,536	1/4	46,467	1/4	34,501	1/4	22,624	1/4	10,555	1/4	249	1/4					
1/2	70,354	1/2	58,285	1/2	46,216	1/2	34,257	1/2	22,372	1/2	10,304	1/2	186	1/2					
3/4	70,102	3/4	58,033	3/4	45,965	3/4	34,013	3/4	22,121	3/4	10,052	3/4	123	3/4					
8	69,851	8	57,782	8	45,713	8	33,769	8	21,869	8	9,801	8	102	8					
1/4	69,599	1/4	57,531	1/4	45,462	1/4	33,525	1/4	21,618	1/4	9,549	1/4	81	1/4					
1/2	69,348	1/2	57,279	1/2	45,210	1/2	33,281	1/2	21,366	1/2	9,298	1/2	60	1/2					
3/4	69,097	3/4	57,028	3/4	44,959	3/4	33,037	3/4	21,115	3/4	9,047	3/4	39	3/4					
9	68,845	9	56,776	9	44,707	9	32,793	9	20,864	9	8,795	9		9					
1/4	68,594	1/4	56,525	1/4	44,456	1/4	32,549	1/4	20,612	1/4	8,544	1/4		1/4					
1/2	68,342	1/2	56,273	1/2	44,205	1/2	32,305	1/2	20,361	1/2	8,292	1/2		1/2					
3/4	68,091	3/4	56,022	3/4	43,953	3/4	32,061	3/4	20,109	3/4	8,041	3/4		3/4					
10	67,839	10	55,771	10	43,702	10	31,817	10	19,858	10	7,790	10		10					
1/4	67,588	1/4	55,519	1/4	43,450	1/4	31,573	1/4	19,606	1/4	7,539	1/4		1/4					
1/2	67,337	1/2	55,268	1/2	43,199	1/2	31,329	1/2	19,355	1/2	7,287	1/2		1/2					
3/4	67,085	3/4	55,016	3/4	42,947	3/4	31,085	3/4	19,104	3/4	7,036	3/4		3/4					
11	66,834	11	54,765	11	42,696	11	30,841	11	18,852	11	6,785	11		11					
1/4	66,582	1/4	54,513	1/4	42,445	1/4	30,597	1/4	18,601	1/4	6,535	1/4		1/4					
1/2	66,331	1/2	54,262	1/2	42,193	1/2	30,353	1/2	18,349	1/2	6,284	1/2		1/2					
3/4	66,079	3/4	54,011	3/4	41,942	3/4	30,109	3/4	18,098	3/4	6,033	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/27/2014 CL
CALCULATED: 05/27/2014 CL
PRINTED: 05/27/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1376"

3 CENTER ULLAGE 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	0	0	0	0	144,320	0	133,670	0	122,997	0	112,281	0	101,565	0	90,849	0	80,133	0	80,133
1/4	1/4	1/4	1/4	1/4	144,100	1/4	133,447	1/4	122,773	1/4	112,057	1/4	101,342	1/4	90,626	1/4	79,909	1/4	79,909
1/2	1/2	1/2	1/2	1/2	143,881	1/2	133,225	1/2	122,550	1/2	111,834	1/2	101,118	1/2	90,402	1/2	79,686	1/2	79,686
3/4	3/4	3/4	3/4	3/4	143,661	3/4	133,003	3/4	122,327	3/4	111,611	3/4	100,895	3/4	90,179	3/4	79,463	3/4	79,463
1	1	1	1	1	143,439	1	132,781	1	122,104	1	111,388	1	100,672	1	89,956	1	79,239	1	79,239
1/4	1/4	1/4	1/4	1/4	151,509	1/4	143,217	1/4	132,559	1/4	121,880	1/4	111,164	1/4	100,449	1/4	89,733	1/4	79,016
1/2	1/2	1/2	1/2	1/2	151,494	1/2	142,994	1/2	132,337	1/2	121,657	1/2	110,941	1/2	100,225	1/2	89,509	1/2	78,793
3/4	3/4	3/4	3/4	3/4	151,479	3/4	142,772	3/4	132,115	3/4	121,434	3/4	110,718	3/4	100,002	3/4	89,286	3/4	78,570
2	2	2	2	2	151,426	2	142,550	2	131,893	2	121,211	2	110,495	2	99,779	2	89,063	2	78,346
1/4	1/4	1/4	1/4	1/4	151,374	1/4	142,328	1/4	131,671	1/4	120,987	1/4	110,271	1/4	99,556	1/4	88,840	1/4	78,123
1/2	1/2	1/2	1/2	1/2	151,321	1/2	142,106	1/2	131,449	1/2	120,764	1/2	110,048	1/2	99,332	1/2	88,616	1/2	77,900
3/4	3/4	3/4	3/4	3/4	151,269	3/4	141,884	3/4	131,227	3/4	120,541	3/4	109,825	3/4	99,109	3/4	88,393	3/4	77,676
3	3	3	3	3	151,179	3	141,662	3	131,005	3	120,318	3	109,602	3	98,886	3	88,170	3	77,453
1/4	1/4	1/4	1/4	1/4	151,089	1/4	141,440	1/4	130,783	1/4	120,094	1/4	109,378	1/4	98,663	1/4	87,947	1/4	77,230
1/2	1/2	1/2	1/2	1/2	150,999	1/2	141,218	1/2	130,561	1/2	119,871	1/2	109,155	1/2	98,439	1/2	87,723	1/2	77,007
3/4	3/4	3/4	3/4	3/4	150,910	3/4	140,996	3/4	130,339	3/4	119,648	3/4	108,932	3/4	98,216	3/4	87,500	3/4	76,783
4	4	4	4	4	150,783	4	140,774	4	130,117	4	119,425	4	108,709	4	97,993	4	87,277	4	76,560
1/4	1/4	1/4	1/4	1/4	150,656	1/4	140,552	1/4	129,895	1/4	119,201	1/4	108,485	1/4	97,770	1/4	87,054	1/4	76,337
1/2	1/2	1/2	1/2	1/2	150,529	1/2	140,330	1/2	129,673	1/2	118,978	1/2	108,262	1/2	97,546	1/2	86,830	1/2	76,113
3/4	3/4	3/4	3/4	3/4	150,402	3/4	140,108	3/4	129,451	3/4	118,755	3/4	108,039	3/4	97,323	3/4	86,607	3/4	75,890
5	5	5	5	5	150,238	5	139,886	5	129,229	5	118,532	5	107,816	5	97,100	5	86,384	5	75,667
1/4	1/4	1/4	1/4	1/4	150,074	1/4	139,664	1/4	129,007	1/4	118,308	1/4	107,592	1/4	96,877	1/4	86,161	1/4	75,444
1/2	1/2	1/2	1/2	1/2	149,909	1/2	139,442	1/2	128,785	1/2	118,085	1/2	107,369	1/2	96,653	1/2	85,938	1/2	75,220
3/4	3/4	3/4	3/4	3/4	149,745	3/4	139,220	3/4	128,563	3/4	117,862	3/4	107,146	3/4	96,430	3/4	85,714	3/4	74,997
6	6	6	6	6	149,544	6	138,998	6	128,341	6	117,639	6	106,923	6	96,207	6	85,491	6	74,774
1/4	1/4	1/4	1/4	1/4	149,343	1/4	138,776	1/4	128,119	1/4	117,415	1/4	106,699	1/4	95,984	1/4	85,268	1/4	74,550
1/2	1/2	1/2	1/2	1/2	149,141	1/2	138,554	1/2	127,897	1/2	117,192	1/2	106,476	1/2	95,760	1/2	85,045	1/2	74,327
3/4	3/4	3/4	3/4	3/4	148,940	3/4	138,332	3/4	127,675	3/4	116,969	3/4	106,253	3/4	95,537	3/4	84,821	3/4	74,104
7	7	7	7	7	148,720	7	138,110	7	127,453	7	116,746	7	106,030	7	95,314	7	84,598	7	73,881
1/4	1/4	1/4	1/4	1/4	148,500	1/4	137,888	1/4	127,231	1/4	116,522	1/4	105,806	1/4	95,091	1/4	84,375	1/4	73,657
1/2	1/2	1/2	1/2	1/2	148,280	1/2	137,666	1/2	127,009	1/2	116,299	1/2	105,583	1/2	94,867	1/2	84,152	1/2	73,434
3/4	3/4	3/4	3/4	3/4	148,060	3/4	137,444	3/4	126,787	3/4	116,076	3/4	105,360	3/4	94,644	3/4	83,928	3/4	73,211
8	8	8	8	8	147,840	8	137,222	8	126,565	8	115,853	8	105,137	8	94,421	8	83,705	8	72,987
1/4	1/4	1/4	1/4	1/4	147,620	1/4	137,000	1/4	126,343	1/4	115,629	1/4	104,913	1/4	94,198	1/4	83,482	1/4	72,764
1/2	1/2	1/2	1/2	1/2	147,400	1/2	136,778	1/2	126,121	1/2	115,406	1/2	104,690	1/2	93,974	1/2	83,259	1/2	72,541
3/4	3/4	3/4	3/4	3/4	147,180	3/4	136,556	3/4	125,899	3/4	115,183	3/4	104,467	3/4	93,751	3/4	83,035	3/4	72,318
9	9	9	9	9	146,960	9	136,334	9	125,675	9	114,960	9	104,244	9	93,528	9	82,812	9	72,094
1/4	1/4	1/4	1/4	1/4	146,740	1/4	136,112	1/4	125,452	1/4	114,736	1/4	104,021	1/4	93,305	1/4	82,589	1/4	71,871
1/2	1/2	1/2	1/2	1/2	146,520	1/2	135,890	1/2	125,229	1/2	114,513	1/2	103,797	1/2	93,081	1/2	82,365	1/2	71,648
3/4	3/4	3/4	3/4	3/4	146,300	3/4	135,668	3/4	125,006	3/4	114,290	3/4	103,574	3/4	92,858	3/4	82,142	3/4	71,424
10	10	10	10	10	146,080	10	135,446	10	124,782	10	114,067	10	103,351	10	92,635	10	81,919	10	71,201
1/4	1/4	1/4	1/4	1/4	145,860	1/4	135,224	1/4	124,559	1/4	113,843	1/4	103,128	1/4	92,412	1/4	81,696	1/4	70,978
1/2	1/2	1/2	1/2	1/2	145,640	1/2	135,002	1/2	124,336	1/2	113,620	1/2	102,904	1/2	92,188	1/2	81,472	1/2	70,755
3/4	3/4	3/4	3/4	3/4	145,420	3/4	134,780	3/4	124,113	3/4	113,397	3/4	102,681	3/4	91,965	3/4	81,249	3/4	70,531
11	11	11	11	11	145,200	11	134,558	11	123,889	11	113,174	11	102,458	11	91,742	11	81,026	11	70,308
1/4	1/4	1/4	1/4	1/4	144,980	1/4	134,336	1/4	123,666	1/4	112,950	1/4	102,235	1/4	91,519	1/4	80,802	1/4	70,085
1/2	1/2	1/2	1/2	1/2	144,760	1/2	134,114	1/2	123,443	1/2	112,727	1/2	102,011	1/2	91,295	1/2	80,579	1/2	69,861
3/4	3/4	3/4	3/4	3/4	144,540	3/4	133,892	3/4	123,220	3/4	112,504	3/4	101,788	3/4	91,072	3/4	80,356	3/4	69,638

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1376"

3 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	69,415	0	58,697	0	47,980	0	37,262	0	26,565	0	15,853	0	5,140	0		0		0	
1/4	69,192	1/4	58,474	1/4	47,756	1/4	37,039	1/4	26,343	1/4	15,630	1/4	4,918	1/4		1/4		1/4	
1/2	68,968	1/2	58,251	1/2	47,533	1/2	36,815	1/2	26,120	1/2	15,406	1/2	4,696	1/2		1/2		1/2	
3/4	68,745	3/4	58,027	3/4	47,310	3/4	36,592	3/4	25,897	3/4	15,183	3/4	4,475	3/4		3/4		3/4	
1	68,522	1	57,804	1	47,086	1	36,369	1	25,674	1	14,960	1	4,254	1		1		1	
1/4	68,299	1/4	57,581	1/4	46,863	1/4	36,146	1/4	25,452	1/4	14,736	1/4	4,033	1/4		1/4		1/4	
1/2	68,075	1/2	57,358	1/2	46,640	1/2	35,922	1/2	25,229	1/2	14,513	1/2	3,812	1/2		1/2		1/2	
3/4	67,852	3/4	57,134	3/4	46,417	3/4	35,699	3/4	25,006	3/4	14,290	3/4	3,591	3/4		3/4		3/4	
2	67,629	2	56,911	2	46,193	2	35,476	2	24,783	2	14,067	2	3,373	2		2		2	
1/4	67,405	1/4	56,688	1/4	45,970	1/4	35,252	1/4	24,560	1/4	13,843	1/4	3,154	1/4		1/4		1/4	
1/2	67,182	1/2	56,464	1/2	45,747	1/2	35,029	1/2	24,337	1/2	13,620	1/2	2,935	1/2		1/2		1/2	
3/4	66,959	3/4	56,241	3/4	45,523	3/4	34,806	3/4	24,114	3/4	13,397	3/4	2,716	3/4		3/4		3/4	
3	66,736	3	56,018	3	45,300	3	34,583	3	23,891	3	13,173	3	2,512	3		3		3	
1/4	66,512	1/4	55,795	1/4	45,077	1/4	34,359	1/4	23,667	1/4	12,950	1/4	2,308	1/4		1/4		1/4	
1/2	66,289	1/2	55,571	1/2	44,854	1/2	34,136	1/2	23,444	1/2	12,727	1/2	2,104	1/2		1/2		1/2	
3/4	66,066	3/4	55,348	3/4	44,630	3/4	33,913	3/4	23,221	3/4	12,504	3/4	1,900	3/4		3/4		3/4	
4	65,842	4	55,125	4	44,407	4	33,689	4	22,998	4	12,280	4	1,732	4		4		4	
1/4	65,619	1/4	54,901	1/4	44,184	1/4	33,466	1/4	22,774	1/4	12,057	1/4	1,565	1/4		1/4		1/4	
1/2	65,396	1/2	54,678	1/2	43,960	1/2	33,243	1/2	22,551	1/2	11,834	1/2	1,397	1/2		1/2		1/2	
3/4	65,173	3/4	54,455	3/4	43,737	3/4	33,020	3/4	22,328	3/4	11,611	3/4	1,230	3/4		3/4		3/4	
5	64,949	5	54,232	5	43,514	5	32,797	5	22,105	5	11,387	5	1,100	5		5		5	
1/4	64,726	1/4	54,008	1/4	43,291	1/4	32,574	1/4	21,881	1/4	11,164	1/4	970	1/4		1/4		1/4	
1/2	64,503	1/2	53,785	1/2	43,067	1/2	32,352	1/2	21,658	1/2	10,941	1/2	839	1/2		1/2		1/2	
3/4	64,279	3/4	53,562	3/4	42,844	3/4	32,129	3/4	21,435	3/4	10,717	3/4	709	3/4		3/4		3/4	
6	64,056	6	53,338	6	42,621	6	31,907	6	21,211	6	10,494	6	616	6		6		6	
1/4	63,833	1/4	53,115	1/4	42,397	1/4	31,684	1/4	20,988	1/4	10,271	1/4	523	1/4		1/4		1/4	
1/2	63,610	1/2	52,892	1/2	42,174	1/2	31,462	1/2	20,765	1/2	10,048	1/2	430	1/2		1/2		1/2	
3/4	63,386	3/4	52,669	3/4	41,951	3/4	31,239	3/4	20,542	3/4	9,824	3/4	337	3/4		3/4		3/4	
7	63,163	7	52,445	7	41,728	7	31,016	7	20,318	7	9,601	7	281	7		7		7	
1/4	62,940	1/4	52,222	1/4	41,504	1/4	30,794	1/4	20,095	1/4	9,378	1/4	225	1/4		1/4		1/4	
1/2	62,716	1/2	51,999	1/2	41,281	1/2	30,571	1/2	19,872	1/2	9,155	1/2	170	1/2		1/2		1/2	
3/4	62,493	3/4	51,775	3/4	41,058	3/4	30,349	3/4	19,648	3/4	8,931	3/4	114	3/4		3/4		3/4	
8	62,270	8	51,552	8	40,834	8	30,126	8	19,425	8	8,708	8	95	8		8		8	
1/4	62,047	1/4	51,329	1/4	40,611	1/4	29,904	1/4	19,202	1/4	8,485	1/4	77	1/4		1/4		1/4	
1/2	61,823	1/2	51,106	1/2	40,388	1/2	29,681	1/2	18,979	1/2	8,261	1/2	58	1/2		1/2		1/2	
3/4	61,600	3/4	50,882	3/4	40,165	3/4	29,458	3/4	18,755	3/4	8,038	3/4	39	3/4		3/4		3/4	
9	61,377	9	50,659	9	39,941	9	29,236	9	18,532	9	7,815	9		9		9		9	
1/4	61,153	1/4	50,436	1/4	39,718	1/4	29,013	1/4	18,309	1/4	7,592	1/4		1/4		1/4		1/4	
1/2	60,930	1/2	50,212	1/2	39,495	1/2	28,791	1/2	18,086	1/2	7,368	1/2		1/2		1/2		1/2	
3/4	60,707	3/4	49,989	3/4	39,271	3/4	28,568	3/4	17,862	3/4	7,145	3/4		3/4		3/4		3/4	
10	60,484	10	49,766	10	39,048	10	28,346	10	17,639	10	6,922	10		10		10		10	
1/4	60,260	1/4	49,543	1/4	38,825	1/4	28,123	1/4	17,416	1/4	6,699	1/4		1/4		1/4		1/4	
1/2	60,037	1/2	49,319	1/2	38,602	1/2	27,900	1/2	17,192	1/2	6,476	1/2		1/2		1/2		1/2	
3/4	59,814	3/4	49,096	3/4	38,378	3/4	27,678	3/4	16,969	3/4	6,253	3/4		3/4		3/4		3/4	
11	59,590	11	48,873	11	38,155	11	27,455	11	16,746	11	6,030	11		11		11		11	
1/4	59,367	1/4	48,649	1/4	37,932	1/4	27,233	1/4	16,523	1/4	5,808	1/4		1/4		1/4		1/4	
1/2	59,144	1/2	48,426	1/2	37,708	1/2	27,010	1/2	16,299	1/2	5,585	1/2		1/2		1/2		1/2	
3/4	58,921	3/4	48,203	3/4	37,485	3/4	26,788	3/4	16,076	3/4	5,362	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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