



BARGE "CBC 1373"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 CENTER IS 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

March 10, 2014

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

<http://www.pmacorp.net>



BARGE "CBC 1373"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,096	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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 P.O. Box 2092
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BARGE "CBC 1373"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,771	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	147,348	3/4		3/4		3/4		3/4		3/4	
8	111,726	8	121,188	8	130,630	8	140,059	8	147,364	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: 03/10/2014 CL - SW
CALCULATED: 03/10/2014 CL
PRINTED: 03/10/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

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



BARGE "CBC 1373"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,060	0	21,147	0	33,087	0	45,027	0	57,114	0	69,201	0	81,288	0	93,375	0	105,460
1/4	60	1/4	9,312	1/4	21,399	1/4	33,331	1/4	45,279	1/4	57,366	1/4	69,453	1/4	81,540	1/4	93,627	1/4	105,712
1/2	81	1/2	9,564	1/2	21,651	1/2	33,575	1/2	45,530	1/2	57,617	1/2	69,704	1/2	81,792	1/2	93,879	1/2	105,964
3/4	102	3/4	9,816	3/4	21,902	3/4	33,820	3/4	45,782	3/4	57,869	3/4	69,956	3/4	82,043	3/4	94,130	3/4	106,215
1	123	1	10,067	1	22,154	1	34,064	1	46,034	1	58,121	1	70,208	1	82,295	1	94,382	1	106,467
1/4	186	1/4	10,319	1/4	22,406	1/4	34,309	1/4	46,286	1/4	58,373	1/4	70,460	1/4	82,547	1/4	94,634	1/4	106,719
1/2	249	1/2	10,571	1/2	22,658	1/2	34,553	1/2	46,538	1/2	58,625	1/2	70,712	1/2	82,799	1/2	94,886	1/2	106,971
3/4	312	3/4	10,823	3/4	22,910	3/4	34,797	3/4	46,789	3/4	58,876	3/4	70,964	3/4	83,051	3/4	95,137	3/4	107,222
2	375	2	11,075	2	23,161	2	35,042	2	47,041	2	59,128	2	71,215	2	83,302	2	95,389	2	107,474
1/4	480	1/4	11,327	1/4	23,413	1/4	35,286	1/4	47,293	1/4	59,380	1/4	71,467	1/4	83,554	1/4	95,641	1/4	107,726
1/2	585	1/2	11,578	1/2	23,665	1/2	35,531	1/2	47,545	1/2	59,632	1/2	71,719	1/2	83,806	1/2	95,893	1/2	107,978
3/4	690	3/4	11,830	3/4	23,917	3/4	35,775	3/4	47,797	3/4	59,884	3/4	71,971	3/4	84,058	3/4	96,145	3/4	108,229
3	795	3	12,082	3	24,169	3	36,019	3	48,048	3	60,136	3	72,223	3	84,310	3	96,396	3	108,481
1/4	942	1/4	12,334	1/4	24,420	1/4	36,264	1/4	48,300	1/4	60,387	1/4	72,474	1/4	84,562	1/4	96,648	1/4	108,733
1/2	1,088	1/2	12,586	1/2	24,672	1/2	36,508	1/2	48,552	1/2	60,639	1/2	72,726	1/2	84,813	1/2	96,900	1/2	108,985
3/4	1,235	3/4	12,837	3/4	24,924	3/4	36,752	3/4	48,804	3/4	60,891	3/4	72,978	3/4	85,065	3/4	97,152	3/4	109,237
4	1,382	4	13,089	4	25,176	4	36,997	4	49,056	4	61,143	4	73,230	4	85,317	4	97,403	4	109,488
1/4	1,571	1/4	13,341	1/4	25,428	1/4	37,242	1/4	49,308	1/4	61,395	1/4	73,482	1/4	85,569	1/4	97,655	1/4	109,740
1/2	1,760	1/2	13,593	1/2	25,679	1/2	37,486	1/2	49,559	1/2	61,646	1/2	73,734	1/2	85,821	1/2	97,907	1/2	109,992
3/4	1,949	3/4	13,845	3/4	25,931	3/4	37,731	3/4	49,811	3/4	61,898	3/4	73,985	3/4	86,072	3/4	98,159	3/4	110,244
5	2,138	5	14,096	5	26,183	5	37,976	5	50,063	5	62,150	5	74,237	5	86,324	5	98,410	5	110,495
1/4	2,368	1/4	14,348	1/4	26,435	1/4	38,228	1/4	50,315	1/4	62,402	1/4	74,489	1/4	86,576	1/4	98,662	1/4	110,747
1/2	2,598	1/2	14,600	1/2	26,687	1/2	38,480	1/2	50,567	1/2	62,654	1/2	74,741	1/2	86,828	1/2	98,914	1/2	110,999
3/4	2,828	3/4	14,852	3/4	26,938	3/4	38,731	3/4	50,818	3/4	62,906	3/4	74,993	3/4	87,080	3/4	99,166	3/4	111,251
6	3,058	6	15,104	6	27,190	6	38,983	6	51,070	6	63,157	6	75,244	6	87,331	6	99,418	6	111,503
1/4	3,305	1/4	15,355	1/4	27,442	1/4	39,235	1/4	51,322	1/4	63,409	1/4	75,496	1/4	87,583	1/4	99,669	1/4	111,754
1/2	3,552	1/2	15,607	1/2	27,694	1/2	39,487	1/2	51,574	1/2	63,661	1/2	75,748	1/2	87,835	1/2	99,921	1/2	112,006
3/4	3,799	3/4	15,859	3/4	27,946	3/4	39,739	3/4	51,826	3/4	63,913	3/4	76,000	3/4	88,087	3/4	100,173	3/4	112,258
7	4,045	7	16,111	7	28,197	7	39,990	7	52,077	7	64,165	7	76,252	7	88,339	7	100,425	7	112,510
1/4	4,294	1/4	16,363	1/4	28,442	1/4	40,242	1/4	52,329	1/4	64,416	1/4	76,503	1/4	88,591	1/4	100,676	1/4	112,761
1/2	4,543	1/2	16,614	1/2	28,687	1/2	40,494	1/2	52,581	1/2	64,668	1/2	76,755	1/2	88,842	1/2	100,928	1/2	113,013
3/4	4,792	3/4	16,866	3/4	28,932	3/4	40,746	3/4	52,833	3/4	64,920	3/4	77,007	3/4	89,094	3/4	101,180	3/4	113,265
8	5,041	8	17,118	8	29,176	8	40,998	8	53,085	8	65,172	8	77,259	8	89,346	8	101,432	8	113,517
1/4	5,292	1/4	17,370	1/4	29,421	1/4	41,249	1/4	53,337	1/4	65,424	1/4	77,511	1/4	89,598	1/4	101,683	1/4	113,768
1/2	5,542	1/2	17,622	1/2	29,665	1/2	41,501	1/2	53,588	1/2	65,675	1/2	77,763	1/2	89,850	1/2	101,935	1/2	114,020
3/4	5,792	3/4	17,873	3/4	29,910	3/4	41,753	3/4	53,840	3/4	65,927	3/4	78,014	3/4	90,101	3/4	102,187	3/4	114,272
9	6,042	9	18,125	9	30,154	9	42,005	9	54,092	9	66,179	9	78,266	9	90,353	9	102,439	9	114,524
1/4	6,294	1/4	18,377	1/4	30,398	1/4	42,257	1/4	54,344	1/4	66,431	1/4	78,518	1/4	90,605	1/4	102,691	1/4	114,776
1/2	6,545	1/2	18,629	1/2	30,643	1/2	42,509	1/2	54,596	1/2	66,683	1/2	78,770	1/2	90,857	1/2	102,942	1/2	115,027
3/4	6,796	3/4	18,881	3/4	30,887	3/4	42,760	3/4	54,847	3/4	66,935	3/4	79,022	3/4	91,109	3/4	103,194	3/4	115,279
10	7,047	10	19,132	10	31,132	10	43,012	10	55,099	10	67,186	10	79,273	10	91,361	10	103,446	10	115,531
1/4	7,298	1/4	19,384	1/4	31,376	1/4	43,264	1/4	55,351	1/4	67,438	1/4	79,525	1/4	91,612	1/4	103,698	1/4	115,783
1/2	7,550	1/2	19,636	1/2	31,620	1/2	43,516	1/2	55,603	1/2	67,690	1/2	79,777	1/2	91,864	1/2	103,949	1/2	116,034
3/4	7,802	3/4	19,888	3/4	31,865	3/4	43,768	3/4	55,855	3/4	67,942	3/4	80,029	3/4	92,116	3/4	104,201	3/4	116,286
11	8,053	11	20,140	11	32,109	11	44,019	11	56,107	11	68,194	11	80,281	11	92,368	11	104,453	11	116,538
1/4	8,305	1/4	20,391	1/4	32,353	1/4	44,271	1/4	56,358	1/4	68,445	1/4	80,532	1/4	92,620	1/4	104,705	1/4	116,790
1/2	8,557	1/2	20,643	1/2	32,598	1/2	44,523	1/2	56,610	1/2	68,697	1/2	80,784	1/2	92,871	1/2	104,956	1/2	117,041
3/4	8,808	3/4	20,895	3/4	32,842	3/4	44,775	3/4	56,862	3/4	68,949	3/4	81,036	3/4	93,123	3/4	105,208	3/4	117,293

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1373"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,545	0	129,630	0	141,715	0	153,733	0	165,714	0		0		0		0		0	
1/4	117,797	1/4	129,882	1/4	141,965	1/4	153,983	1/4	165,962	1/4		1/4		1/4		1/4		1/4	
1/2	118,049	1/2	130,134	1/2	142,216	1/2	154,234	1/2	166,210	1/2		1/2		1/2		1/2		1/2	
3/4	118,300	3/4	130,385	3/4	142,466	3/4	154,484	3/4	166,458	3/4		3/4		3/4		3/4		3/4	
1	118,552	1	130,637	1	142,716	1	154,734	1	166,706	1		1		1		1		1	
1/4	118,804	1/4	130,889	1/4	142,967	1/4	154,985	1/4	166,954	1/4		1/4		1/4		1/4		1/4	
1/2	119,056	1/2	131,141	1/2	143,217	1/2	155,235	1/2	167,202	1/2		1/2		1/2		1/2		1/2	
3/4	119,307	3/4	131,392	3/4	143,468	3/4	155,485	3/4	167,450	3/4		3/4		3/4		3/4		3/4	
2	119,559	2	131,644	2	143,718	2	155,736	2	167,698	2		2		2		2		2	
1/4	119,811	1/4	131,896	1/4	143,968	1/4	155,986	1/4	167,925	1/4		1/4		1/4		1/4		1/4	
1/2	120,063	1/2	132,148	1/2	144,219	1/2	156,237	1/2	168,152	1/2		1/2		1/2		1/2		1/2	
3/4	120,314	3/4	132,399	3/4	144,469	3/4	156,487	3/4	168,379	3/4		3/4		3/4		3/4		3/4	
3	120,566	3	132,651	3	144,719	3	156,737	3	168,606	3		3		3		3		3	
1/4	120,818	1/4	132,903	1/4	144,970	1/4	156,988	1/4	168,791	1/4		1/4		1/4		1/4		1/4	
1/2	121,070	1/2	133,155	1/2	145,220	1/2	157,238	1/2	168,977	1/2		1/2		1/2		1/2		1/2	
3/4	121,322	3/4	133,407	3/4	145,471	3/4	157,488	3/4	169,162	3/4		3/4		3/4		3/4		3/4	
4	121,573	4	133,658	4	145,721	4	157,739	4	169,347	4		4		4		4		4	
1/4	121,825	1/4	133,910	1/4	145,971	1/4	157,989	1/4	169,490	1/4		1/4		1/4		1/4		1/4	
1/2	122,077	1/2	134,162	1/2	146,222	1/2	158,240	1/2	169,633	1/2		1/2		1/2		1/2		1/2	
3/4	122,329	3/4	134,414	3/4	146,472	3/4	158,490	3/4	169,776	3/4		3/4		3/4		3/4		3/4	
5	122,580	5	134,665	5	146,722	5	158,740	5	169,919	5		5		5		5		5	
1/4	122,832	1/4	134,917	1/4	146,973	1/4	158,991	1/4	170,020	1/4		1/4		1/4		1/4		1/4	
1/2	123,084	1/2	135,169	1/2	147,223	1/2	159,241	1/2	170,122	1/2		1/2		1/2		1/2		1/2	
3/4	123,336	3/4	135,421	3/4	147,474	3/4	159,491	3/4	170,223	3/4		3/4		3/4		3/4		3/4	
6	123,588	6	135,673	6	147,724	6	159,742	6	170,324	6		6		6		6		6	
1/4	123,839	1/4	135,924	1/4	147,974	1/4	159,992	1/4	170,383	1/4		1/4		1/4		1/4		1/4	
1/2	124,091	1/2	136,176	1/2	148,225	1/2	160,242	1/2	170,442	1/2		1/2		1/2		1/2		1/2	
3/4	124,343	3/4	136,428	3/4	148,475	3/4	160,493	3/4	170,502	3/4		3/4		3/4		3/4		3/4	
7	124,595	7	136,680	7	148,725	7	160,743	7	170,561	7		7		7		7		7	
1/4	124,846	1/4	136,931	1/4	148,976	1/4	160,994	1/4	170,578	1/4		1/4		1/4		1/4		1/4	
1/2	125,098	1/2	137,183	1/2	149,226	1/2	161,244	1/2	170,595	1/2		1/2		1/2		1/2		1/2	
3/4	125,350	3/4	137,435	3/4	149,477	3/4	161,494	3/4	170,612	3/4		3/4		3/4		3/4		3/4	
8	125,602	8	137,687	8	149,727	8	161,745	8	170,630	8		8		8		8		8	
1/4	125,853	1/4	137,938	1/4	149,977	1/4	161,993	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,105	1/2	138,190	1/2	150,228	1/2	162,241	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,357	3/4	138,442	3/4	150,478	3/4	162,489	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,609	9	138,694	9	150,728	9	162,737	9		9		9		9		9		9	
1/4	126,861	1/4	138,946	1/4	150,979	1/4	162,985	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,112	1/2	139,197	1/2	151,229	1/2	163,233	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,364	3/4	139,449	3/4	151,479	3/4	163,481	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,616	10	139,701	10	151,730	10	163,729	10		10		10		10		10		10	
1/4	127,868	1/4	139,953	1/4	151,980	1/4	163,977	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,119	1/2	140,204	1/2	152,231	1/2	164,225	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,371	3/4	140,456	3/4	152,481	3/4	164,473	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,623	11	140,708	11	152,731	11	164,721	11		11		11		11		11		11	
1/4	128,875	1/4	140,960	1/4	152,982	1/4	164,969	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,126	1/2	141,211	1/2	153,232	1/2	165,218	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,378	3/4	141,463	3/4	153,482	3/4	165,466	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2014 CL - SW
CALCULATED: 03/10/2014 CL
PRINTED: 03/10/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1373"

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	8,057	0	18,799	0	29,527	0	40,258	0	51,001	0	61,744	0	72,486	0	83,229	0	93,970
1/4	58	1/4	8,281	1/4	19,023	1/4	29,750	1/4	40,482	1/4	51,225	1/4	61,967	1/4	72,710	1/4	83,453	1/4	94,194
1/2	77	1/2	8,504	1/2	19,247	1/2	29,973	1/2	40,706	1/2	51,449	1/2	62,191	1/2	72,934	1/2	83,677	1/2	94,417
3/4	95	3/4	8,728	3/4	19,471	3/4	30,196	3/4	40,930	3/4	51,672	3/4	62,415	3/4	73,158	3/4	83,900	3/4	94,641
1	114	1	8,952	1	19,694	1	30,419	1	41,154	1	51,896	1	62,639	1	73,382	1	84,124	1	94,865
1/4	170	1/4	9,176	1/4	19,918	1/4	30,643	1/4	41,377	1/4	52,120	1/4	62,863	1/4	73,605	1/4	84,348	1/4	95,089
1/2	226	1/2	9,400	1/2	20,142	1/2	30,866	1/2	41,601	1/2	52,344	1/2	63,086	1/2	73,829	1/2	84,572	1/2	95,312
3/4	282	3/4	9,623	3/4	20,366	3/4	31,089	3/4	41,825	3/4	52,568	3/4	63,310	3/4	74,053	3/4	84,795	3/4	95,536
2	338	2	9,847	2	20,589	2	31,312	2	42,049	2	52,791	2	63,534	2	74,277	2	85,019	2	95,760
1/4	431	1/4	10,071	1/4	20,813	1/4	31,535	1/4	42,273	1/4	53,015	1/4	63,758	1/4	74,501	1/4	85,243	1/4	95,984
1/2	524	1/2	10,295	1/2	21,037	1/2	31,758	1/2	42,496	1/2	53,239	1/2	63,982	1/2	74,724	1/2	85,467	1/2	96,207
3/4	617	3/4	10,519	3/4	21,261	3/4	31,981	3/4	42,720	3/4	53,463	3/4	64,205	3/4	74,948	3/4	85,690	3/4	96,431
3	711	3	10,742	3	21,485	3	32,204	3	42,944	3	53,687	3	64,429	3	75,172	3	85,914	3	96,655
1/4	841	1/4	10,966	1/4	21,708	1/4	32,427	1/4	43,168	1/4	53,910	1/4	64,653	1/4	75,396	1/4	86,138	1/4	96,879
1/2	972	1/2	11,190	1/2	21,932	1/2	32,650	1/2	43,392	1/2	54,134	1/2	64,877	1/2	75,620	1/2	86,362	1/2	97,103
3/4	1,102	3/4	11,414	3/4	22,156	3/4	32,873	3/4	43,615	3/4	54,358	3/4	65,101	3/4	75,843	3/4	86,585	3/4	97,326
4	1,233	4	11,638	4	22,380	4	33,097	4	43,839	4	54,582	4	65,325	4	76,067	4	86,809	4	97,550
1/4	1,401	1/4	11,861	1/4	22,604	1/4	33,320	1/4	44,063	1/4	54,806	1/4	65,548	1/4	76,291	1/4	87,033	1/4	97,774
1/2	1,569	1/2	12,085	1/2	22,827	1/2	33,544	1/2	44,287	1/2	55,029	1/2	65,772	1/2	76,515	1/2	87,257	1/2	97,998
3/4	1,736	3/4	12,309	3/4	23,051	3/4	33,768	3/4	44,511	3/4	55,253	3/4	65,996	3/4	76,739	3/4	87,481	3/4	98,221
5	1,904	5	12,533	5	23,275	5	33,992	5	44,734	5	55,477	5	66,220	5	76,962	5	87,704	5	98,445
1/4	2,109	1/4	12,757	1/4	23,499	1/4	34,216	1/4	44,958	1/4	55,701	1/4	66,444	1/4	77,186	1/4	87,928	1/4	98,669
1/2	2,313	1/2	12,980	1/2	23,723	1/2	34,439	1/2	45,182	1/2	55,925	1/2	66,667	1/2	77,410	1/2	88,152	1/2	98,893
3/4	2,518	3/4	13,204	3/4	23,946	3/4	34,663	3/4	45,406	3/4	56,149	3/4	66,891	3/4	77,634	3/4	88,376	3/4	99,116
6	2,722	6	13,428	6	24,170	6	34,887	6	45,630	6	56,372	6	67,115	6	77,858	6	88,599	6	99,340
1/4	2,942	1/4	13,652	1/4	24,394	1/4	35,111	1/4	45,853	1/4	56,596	1/4	67,339	1/4	78,081	1/4	88,823	1/4	99,564
1/2	3,161	1/2	13,876	1/2	24,617	1/2	35,335	1/2	46,077	1/2	56,820	1/2	67,563	1/2	78,305	1/2	89,047	1/2	99,788
3/4	3,381	3/4	14,099	3/4	24,841	3/4	35,558	3/4	46,301	3/4	57,044	3/4	67,786	3/4	78,529	3/4	89,271	3/4	100,012
7	3,600	7	14,323	7	25,064	7	35,782	7	46,525	7	57,268	7	68,010	7	78,753	7	89,494	7	100,235
1/4	3,821	1/4	14,547	1/4	25,287	1/4	36,006	1/4	46,749	1/4	57,491	1/4	68,234	1/4	78,977	1/4	89,718	1/4	100,459
1/2	4,042	1/2	14,771	1/2	25,511	1/2	36,230	1/2	46,972	1/2	57,715	1/2	68,458	1/2	79,200	1/2	89,942	1/2	100,683
3/4	4,264	3/4	14,995	3/4	25,734	3/4	36,454	3/4	47,196	3/4	57,939	3/4	68,682	3/4	79,424	3/4	90,166	3/4	100,907
8	4,485	8	15,218	8	25,958	8	36,677	8	47,420	8	58,163	8	68,905	8	79,648	8	90,390	8	101,130
1/4	4,707	1/4	15,442	1/4	26,181	1/4	36,901	1/4	47,644	1/4	58,387	1/4	69,129	1/4	79,872	1/4	90,613	1/4	101,354
1/2	4,930	1/2	15,666	1/2	26,404	1/2	37,125	1/2	47,868	1/2	58,610	1/2	69,353	1/2	80,096	1/2	90,837	1/2	101,578
3/4	5,152	3/4	15,890	3/4	26,627	3/4	37,349	3/4	48,092	3/4	58,834	3/4	69,577	3/4	80,319	3/4	91,061	3/4	101,802
9	5,375	9	16,114	9	26,850	9	37,573	9	48,315	9	59,058	9	69,801	9	80,543	9	91,285	9	102,025
1/4	5,598	1/4	16,337	1/4	27,073	1/4	37,796	1/4	48,539	1/4	59,282	1/4	70,024	1/4	80,767	1/4	91,508	1/4	102,249
1/2	5,821	1/2	16,561	1/2	27,296	1/2	38,020	1/2	48,763	1/2	59,506	1/2	70,248	1/2	80,991	1/2	91,732	1/2	102,473
3/4	6,044	3/4	16,785	3/4	27,519	3/4	38,244	3/4	48,987	3/4	59,729	3/4	70,472	3/4	81,215	3/4	91,956	3/4	102,697
10	6,267	10	17,009	10	27,742	10	38,468	10	49,211	10	59,953	10	70,696	10	81,439	10	92,180	10	102,921
1/4	6,491	1/4	17,233	1/4	27,966	1/4	38,692	1/4	49,434	1/4	60,177	1/4	70,920	1/4	81,662	1/4	92,403	1/4	103,144
1/2	6,715	1/2	17,456	1/2	28,189	1/2	38,915	1/2	49,658	1/2	60,401	1/2	71,143	1/2	81,886	1/2	92,627	1/2	103,368
3/4	6,938	3/4	17,680	3/4	28,412	3/4	39,139	3/4	49,882	3/4	60,625	3/4	71,367	3/4	82,110	3/4	92,851	3/4	103,592
11	7,162	11	17,904	11	28,635	11	39,363	11	50,106	11	60,848	11	71,591	11	82,334	11	93,075	11	103,816
1/4	7,386	1/4	18,128	1/4	28,858	1/4	39,587	1/4	50,330	1/4	61,072	1/4	71,815	1/4	82,558	1/4	93,299	1/4	104,039
1/2	7,609	1/2	18,352	1/2	29,081	1/2	39,811	1/2	50,553	1/2	61,296	1/2	72,039	1/2	82,781	1/2	93,522	1/2	104,263
3/4	7,833	3/4	18,575	3/4	29,304	3/4	40,035	3/4	50,777	3/4	61,520	3/4	72,262	3/4	83,005	3/4	93,746	3/4	104,487

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "CBC 1373"

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	104,711	0	115,452	0	126,192	0	136,874	0	147,523	0		0		0		0		0	
1/4	104,934	1/4	115,675	1/4	126,415	1/4	137,097	1/4	147,744	1/4		1/4		1/4		1/4		1/4	
1/2	105,158	1/2	115,899	1/2	126,637	1/2	137,319	1/2	147,964	1/2		1/2		1/2		1/2		1/2	
3/4	105,382	3/4	116,123	3/4	126,860	3/4	137,542	3/4	148,185	3/4		3/4		3/4		3/4		3/4	
1	105,606	1	116,347	1	127,083	1	137,764	1	148,405	1		1		1		1		1	
1/4	105,829	1/4	116,570	1/4	127,305	1/4	137,987	1/4	148,626	1/4		1/4		1/4		1/4		1/4	
1/2	106,053	1/2	116,794	1/2	127,528	1/2	138,210	1/2	148,846	1/2		1/2		1/2		1/2		1/2	
3/4	106,277	3/4	117,018	3/4	127,750	3/4	138,432	3/4	149,067	3/4		3/4		3/4		3/4		3/4	
2	106,501	2	117,242	2	127,973	2	138,655	2	149,287	2		2		2		2		2	
1/4	106,725	1/4	117,465	1/4	128,195	1/4	138,877	1/4	149,489	1/4		1/4		1/4		1/4		1/4	
1/2	106,948	1/2	117,689	1/2	128,418	1/2	139,100	1/2	149,691	1/2		1/2		1/2		1/2		1/2	
3/4	107,172	3/4	117,913	3/4	128,640	3/4	139,322	3/4	149,893	3/4		3/4		3/4		3/4		3/4	
3	107,396	3	118,137	3	128,863	3	139,545	3	150,095	3		3		3		3		3	
1/4	107,620	1/4	118,360	1/4	129,085	1/4	139,767	1/4	150,259	1/4		1/4		1/4		1/4		1/4	
1/2	107,843	1/2	118,584	1/2	129,308	1/2	139,990	1/2	150,424	1/2		1/2		1/2		1/2		1/2	
3/4	108,067	3/4	118,808	3/4	129,530	3/4	140,212	3/4	150,588	3/4		3/4		3/4		3/4		3/4	
4	108,291	4	119,032	4	129,753	4	140,435	4	150,753	4		4		4		4		4	
1/4	108,515	1/4	119,256	1/4	129,976	1/4	140,657	1/4	150,880	1/4		1/4		1/4		1/4		1/4	
1/2	108,738	1/2	119,479	1/2	130,198	1/2	140,880	1/2	151,007	1/2		1/2		1/2		1/2		1/2	
3/4	108,962	3/4	119,703	3/4	130,421	3/4	141,103	3/4	151,134	3/4		3/4		3/4		3/4		3/4	
5	109,186	5	119,927	5	130,643	5	141,325	5	151,262	5		5		5		5		5	
1/4	109,410	1/4	120,151	1/4	130,866	1/4	141,548	1/4	151,352	1/4		1/4		1/4		1/4		1/4	
1/2	109,634	1/2	120,374	1/2	131,088	1/2	141,770	1/2	151,441	1/2		1/2		1/2		1/2		1/2	
3/4	109,857	3/4	120,598	3/4	131,311	3/4	141,993	3/4	151,531	3/4		3/4		3/4		3/4		3/4	
6	110,081	6	120,822	6	131,533	6	142,215	6	151,621	6		6		6		6		6	
1/4	110,305	1/4	121,046	1/4	131,756	1/4	142,438	1/4	151,674	1/4		1/4		1/4		1/4		1/4	
1/2	110,529	1/2	121,269	1/2	131,978	1/2	142,660	1/2	151,727	1/2		1/2		1/2		1/2		1/2	
3/4	110,752	3/4	121,493	3/4	132,201	3/4	142,883	3/4	151,779	3/4		3/4		3/4		3/4		3/4	
7	110,976	7	121,717	7	132,423	7	143,105	7	151,832	7		7		7		7		7	
1/4	111,200	1/4	121,941	1/4	132,646	1/4	143,328	1/4	151,847	1/4		1/4		1/4		1/4		1/4	
1/2	111,424	1/2	122,165	1/2	132,869	1/2	143,551	1/2	151,863	1/2		1/2		1/2		1/2		1/2	
3/4	111,647	3/4	122,388	3/4	133,091	3/4	143,773	3/4	151,878	3/4		3/4		3/4		3/4		3/4	
8	111,871	8	122,612	8	133,314	8	143,996	8	151,893	8		8		8		8		8	
1/4	112,095	1/4	122,836	1/4	133,536	1/4	144,216	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,319	1/2	123,060	1/2	133,759	1/2	144,437	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,543	3/4	123,283	3/4	133,981	3/4	144,657	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,766	9	123,507	9	134,204	9	144,878	9		9		9		9		9		9	
1/4	112,990	1/4	123,731	1/4	134,426	1/4	145,098	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,214	1/2	123,955	1/2	134,649	1/2	145,319	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,438	3/4	124,178	3/4	134,871	3/4	145,539	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,661	10	124,402	10	135,094	10	145,759	10		10		10		10		10		10	
1/4	113,885	1/4	124,626	1/4	135,317	1/4	145,980	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,109	1/2	124,850	1/2	135,539	1/2	146,200	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,333	3/4	125,074	3/4	135,762	3/4	146,421	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,556	11	125,297	11	135,984	11	146,641	11		11		11		11		11		11	
1/4	114,780	1/4	125,521	1/4	136,207	1/4	146,862	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,004	1/2	125,745	1/2	136,429	1/2	147,082	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,228	3/4	125,969	3/4	136,652	3/4	147,303	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2014 CL - SW
CALCULATED: 03/10/2014 CL
PRINTED: 03/10/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1373"

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	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

March 10, 2014

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

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BARGE "CBC 1373"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	147,364	1/4	140,059	1/4	130,630	1/4	121,188	1/4	111,726	1/4	101,181	1/4	90,636	1/4	79,641
1/2	1/2	1/2	1/2	1/2	147,348	1/2	139,862	1/2	130,434	1/2	120,991	1/2	111,529	1/2	100,957	1/2	90,187	1/2	79,416
3/4	3/4	3/4	3/4	3/4	147,332	3/4	139,666	3/4	130,238	3/4	120,793	3/4	111,332	3/4	100,733	3/4	89,962	3/4	79,192
1	1	1	1	1	147,316	1	139,469	1	130,042	1	120,596	1	111,135	1	100,508	1	89,738	1	78,967
1/4	1/4	1/4	1/4	1/4	147,300	1/4	139,272	1/4	129,846	1/4	120,399	1/4	110,938	1/4	100,284	1/4	89,514	1/4	78,743
1/2	1/2	1/2	1/2	1/2	147,246	1/2	139,076	1/2	129,651	1/2	120,202	1/2	110,741	1/2	100,059	1/2	89,289	1/2	78,519
3/4	3/4	3/4	3/4	3/4	147,192	3/4	138,879	3/4	129,455	3/4	120,005	3/4	110,544	3/4	99,835	3/4	89,065	3/4	78,294
2	2	2	2	2	147,139	2	138,682	2	129,259	2	119,807	2	110,347	2	99,611	2	88,841	2	78,070
1/4	1/4	1/4	1/4	1/4	147,085	1/4	138,486	1/4	129,063	1/4	119,610	1/4	110,151	1/4	99,386	1/4	88,616	1/4	77,845
1/2	1/2	1/2	1/2	1/2	146,994	1/2	138,289	1/2	128,866	1/2	119,413	1/2	109,926	1/2	99,162	1/2	88,392	1/2	77,621
3/4	3/4	3/4	3/4	3/4	146,903	3/4	138,092	3/4	128,669	3/4	119,216	3/4	109,702	3/4	98,938	3/4	88,167	3/4	77,397
3	3	3	3	3	146,812	3	137,896	3	128,473	3	119,019	3	109,478	3	98,713	3	87,943	3	77,172
1/4	1/4	1/4	1/4	1/4	146,721	1/4	137,699	1/4	128,276	1/4	118,822	1/4	109,254	1/4	98,489	1/4	87,719	1/4	76,948
1/2	1/2	1/2	1/2	1/2	146,593	1/2	137,502	1/2	128,079	1/2	118,624	1/2	109,030	1/2	98,264	1/2	87,494	1/2	76,724
3/4	3/4	3/4	3/4	3/4	146,464	3/4	137,306	3/4	127,883	3/4	118,427	3/4	108,806	3/4	98,040	3/4	87,270	3/4	76,500
4	4	4	4	4	146,336	4	137,109	4	127,686	4	118,230	4	108,582	4	97,816	4	87,046	4	76,277
1/4	1/4	1/4	1/4	1/4	146,207	1/4	136,912	1/4	127,489	1/4	118,033	1/4	108,357	1/4	97,591	1/4	86,821	1/4	76,053
1/2	1/2	1/2	1/2	1/2	146,041	1/2	136,716	1/2	127,293	1/2	117,836	1/2	108,133	1/2	97,367	1/2	86,597	1/2	75,830
3/4	3/4	3/4	3/4	3/4	145,875	3/4	136,519	3/4	127,096	3/4	117,638	3/4	107,909	3/4	97,143	3/4	86,372	3/4	75,607
5	5	5	5	5	145,709	5	136,322	5	126,899	5	117,441	5	107,685	5	96,918	5	86,148	5	75,384
1/4	1/4	1/4	1/4	1/4	145,543	1/4	136,126	1/4	126,703	1/4	117,244	1/4	107,461	1/4	96,694	1/4	85,924	1/4	75,161
1/2	1/2	1/2	1/2	1/2	145,340	1/2	135,929	1/2	126,506	1/2	117,047	1/2	107,237	1/2	96,469	1/2	85,699	1/2	74,938
3/4	3/4	3/4	3/4	3/4	145,136	3/4	135,732	3/4	126,309	3/4	116,850	3/4	107,013	3/4	96,245	3/4	85,475	3/4	74,715
6	6	6	6	6	144,933	6	135,536	6	126,113	6	116,652	6	106,789	6	96,021	6	85,251	6	74,492
1/4	1/4	1/4	1/4	1/4	144,729	1/4	135,339	1/4	125,916	1/4	116,455	1/4	106,564	1/4	95,796	1/4	85,026	1/4	74,269
1/2	1/2	1/2	1/2	1/2	144,534	1/2	135,142	1/2	125,719	1/2	116,258	1/2	106,340	1/2	95,572	1/2	84,802	1/2	74,046
3/4	3/4	3/4	3/4	3/4	144,340	3/4	134,946	3/4	125,523	3/4	116,061	3/4	106,116	3/4	95,348	3/4	84,577	3/4	73,823
7	7	7	7	7	144,145	7	134,749	7	125,326	7	115,864	7	105,892	7	95,123	7	84,353	7	73,601
1/4	1/4	1/4	1/4	1/4	143,951	1/4	134,552	1/4	125,129	1/4	115,667	1/4	105,668	1/4	94,899	1/4	84,129	1/4	73,378
1/2	1/2	1/2	1/2	1/2	143,756	1/2	134,356	1/2	124,933	1/2	115,469	1/2	105,444	1/2	94,674	1/2	83,904	1/2	73,155
3/4	3/4	3/4	3/4	3/4	143,561	3/4	134,159	3/4	124,736	3/4	115,272	3/4	105,220	3/4	94,450	3/4	83,680	3/4	72,932
8	8	8	8	8	143,367	8	133,962	8	124,539	8	115,075	8	104,996	8	94,226	8	83,456	8	72,709
1/4	1/4	1/4	1/4	1/4	143,172	1/4	133,766	1/4	124,343	1/4	114,878	1/4	104,771	1/4	94,001	1/4	83,231	1/4	72,486
1/2	1/2	1/2	1/2	1/2	142,978	1/2	133,570	1/2	124,146	1/2	114,681	1/2	104,547	1/2	93,777	1/2	83,007	1/2	72,263
3/4	3/4	3/4	3/4	3/4	142,783	3/4	133,374	3/4	123,948	3/4	114,484	3/4	104,323	3/4	93,553	3/4	82,782	3/4	72,040
9	9	9	9	9	142,589	9	133,178	9	123,751	9	114,287	9	104,098	9	93,328	9	82,558	9	71,817
1/4	1/4	1/4	1/4	1/4	142,394	1/4	132,982	1/4	123,554	1/4	114,090	1/4	103,874	1/4	93,104	1/4	82,334	1/4	71,594
1/2	1/2	1/2	1/2	1/2	142,199	1/2	132,786	1/2	123,357	1/2	113,893	1/2	103,650	1/2	92,879	1/2	82,109	1/2	71,371
3/4	3/4	3/4	3/4	3/4	142,005	3/4	132,590	3/4	123,160	3/4	113,696	3/4	103,425	3/4	92,655	3/4	81,885	3/4	71,148
10	10	10	10	10	141,810	10	132,394	10	122,962	10	113,499	10	103,201	10	92,431	10	81,660	10	70,925
1/4	1/4	1/4	1/4	1/4	141,616	1/4	132,198	1/4	122,765	1/4	113,302	1/4	102,976	1/4	92,206	1/4	81,436	1/4	70,702
1/2	1/2	1/2	1/2	1/2	141,421	1/2	132,002	1/2	122,568	1/2	113,105	1/2	102,752	1/2	91,982	1/2	81,211	1/2	70,479
3/4	3/4	3/4	3/4	3/4	141,226	3/4	131,806	3/4	122,371	3/4	112,908	3/4	102,528	3/4	91,758	3/4	80,987	3/4	70,256
11	11	11	11	11	141,032	11	131,610	11	122,174	11	112,711	11	102,303	11	91,533	11	80,763	11	70,033
1/4	1/4	1/4	1/4	1/4	140,837	1/4	131,414	1/4	121,977	1/4	112,514	1/4	102,079	1/4	91,309	1/4	80,538	1/4	69,810
1/2	1/2	1/2	1/2	1/2	140,643	1/2	131,218	1/2	121,779	1/2	112,317	1/2	101,855	1/2	91,084	1/2	80,314	1/2	69,586
3/4	3/4	3/4	3/4	3/4	140,448	3/4	131,022	3/4	121,582	3/4	112,120	3/4	101,630	3/4	90,860	3/4	80,089	3/4	69,363

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 1373"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2014 CL - SW
CALCULATED: 03/10/2014 CL
PRINTED: 03/10/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1373"

2 CENTER ULLAGE 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	0	0	0	0	162,737	0	150,728	0	138,694	0	126,609	0	114,524	0	102,439	0	90,353	0	90,353	
1/4	1/4	1/4	1/4	1/4	162,489	1/4	150,478	1/4	138,442	1/4	126,357	1/4	114,272	1/4	102,187	1/4	90,101	1/4	90,101	
1/2	1/2	1/2	1/2	1/2	162,241	1/2	150,228	1/2	138,190	1/2	126,105	1/2	114,020	1/2	101,935	1/2	89,850	1/2	89,850	
3/4	3/4	3/4	3/4	3/4	161,993	3/4	149,977	3/4	137,938	3/4	125,853	3/4	113,768	3/4	101,683	3/4	89,598	3/4	89,598	
1	1	1	1	170,630	1	161,745	1	149,727	1	137,687	1	125,602	1	113,517	1	101,432	1	89,346	1	89,346
1/4	1/4	1/4	1/4	170,612	1/4	161,494	1/4	149,477	1/4	137,435	1/4	125,350	1/4	113,265	1/4	101,180	1/4	89,094	1/4	89,094
1/2	1/2	1/2	1/2	170,595	1/2	161,244	1/2	149,226	1/2	137,183	1/2	125,098	1/2	113,013	1/2	100,928	1/2	88,842	1/2	88,842
3/4	3/4	3/4	3/4	170,578	3/4	160,994	3/4	148,976	3/4	136,931	3/4	124,846	3/4	112,761	3/4	100,676	3/4	88,591	3/4	88,591
2	2	2	2	170,561	2	160,743	2	148,725	2	136,680	2	124,595	2	112,510	2	100,425	2	88,339	2	88,339
1/4	1/4	1/4	1/4	170,502	1/4	160,493	1/4	148,475	1/4	136,428	1/4	124,343	1/4	112,258	1/4	100,173	1/4	88,087	1/4	88,087
1/2	1/2	1/2	1/2	170,442	1/2	160,242	1/2	148,225	1/2	136,176	1/2	124,091	1/2	112,006	1/2	99,921	1/2	87,835	1/2	87,835
3/4	3/4	3/4	3/4	170,383	3/4	159,992	3/4	147,974	3/4	135,924	3/4	123,839	3/4	111,754	3/4	99,669	3/4	87,583	3/4	87,583
3	3	3	3	170,324	3	159,742	3	147,724	3	135,673	3	123,588	3	111,503	3	99,418	3	87,331	3	87,331
1/4	1/4	1/4	1/4	170,223	1/4	159,491	1/4	147,474	1/4	135,421	1/4	123,336	1/4	111,251	1/4	99,166	1/4	87,080	1/4	87,080
1/2	1/2	1/2	1/2	170,122	1/2	159,241	1/2	147,223	1/2	135,169	1/2	123,084	1/2	110,999	1/2	98,914	1/2	86,828	1/2	86,828
3/4	3/4	3/4	3/4	170,020	3/4	158,991	3/4	146,973	3/4	134,917	3/4	122,832	3/4	110,747	3/4	98,662	3/4	86,576	3/4	86,576
4	4	4	4	169,919	4	158,740	4	146,722	4	134,665	4	122,580	4	110,495	4	98,410	4	86,324	4	86,324
1/4	1/4	1/4	1/4	169,776	1/4	158,490	1/4	146,474	1/4	134,414	1/4	122,329	1/4	110,244	1/4	98,159	1/4	86,072	1/4	86,072
1/2	1/2	1/2	1/2	169,633	1/2	158,240	1/2	146,222	1/2	134,162	1/2	122,077	1/2	109,992	1/2	97,907	1/2	85,821	1/2	85,821
3/4	3/4	3/4	3/4	169,490	3/4	157,989	3/4	145,971	3/4	133,910	3/4	121,825	3/4	109,740	3/4	97,655	3/4	85,569	3/4	85,569
5	5	5	5	169,347	5	157,739	5	145,721	5	133,658	5	121,573	5	109,488	5	97,403	5	85,317	5	85,317
1/4	1/4	1/4	1/4	169,162	1/4	157,488	1/4	145,471	1/4	133,407	1/4	121,322	1/4	109,237	1/4	97,152	1/4	85,065	1/4	85,065
1/2	1/2	1/2	1/2	168,977	1/2	157,238	1/2	145,220	1/2	133,155	1/2	121,070	1/2	108,985	1/2	96,900	1/2	84,813	1/2	84,813
3/4	3/4	3/4	3/4	168,791	3/4	156,988	3/4	144,970	3/4	132,903	3/4	120,818	3/4	108,733	3/4	96,648	3/4	84,562	3/4	84,562
6	6	6	6	168,606	6	156,737	6	144,719	6	132,651	6	120,566	6	108,481	6	96,396	6	84,310	6	84,310
1/4	1/4	1/4	1/4	168,379	1/4	156,487	1/4	144,469	1/4	132,399	1/4	120,314	1/4	108,229	1/4	96,145	1/4	84,058	1/4	84,058
1/2	1/2	1/2	1/2	168,152	1/2	156,237	1/2	144,219	1/2	132,148	1/2	120,063	1/2	107,978	1/2	95,893	1/2	83,806	1/2	83,806
3/4	3/4	3/4	3/4	167,925	3/4	155,986	3/4	143,968	3/4	131,896	3/4	119,811	3/4	107,726	3/4	95,641	3/4	83,554	3/4	83,554
7	7	7	7	167,698	7	155,736	7	143,718	7	131,644	7	119,559	7	107,474	7	95,389	7	83,302	7	83,302
1/4	1/4	1/4	1/4	167,450	1/4	155,485	1/4	143,468	1/4	131,392	1/4	119,307	1/4	107,222	1/4	95,137	1/4	83,051	1/4	83,051
1/2	1/2	1/2	1/2	167,202	1/2	155,235	1/2	143,217	1/2	131,141	1/2	119,056	1/2	106,971	1/2	94,886	1/2	82,799	1/2	82,799
3/4	3/4	3/4	3/4	166,954	3/4	154,985	3/4	142,967	3/4	130,889	3/4	118,804	3/4	106,719	3/4	94,634	3/4	82,547	3/4	82,547
8	8	8	8	166,706	8	154,734	8	142,717	8	130,637	8	118,552	8	106,467	8	94,382	8	82,295	8	82,295
1/4	1/4	1/4	1/4	166,458	1/4	154,484	1/4	142,466	1/4	130,385	1/4	118,300	1/4	106,215	1/4	94,130	1/4	82,043	1/4	82,043
1/2	1/2	1/2	1/2	166,210	1/2	154,234	1/2	142,216	1/2	130,134	1/2	118,049	1/2	105,964	1/2	93,879	1/2	81,792	1/2	81,792
3/4	3/4	3/4	3/4	165,962	3/4	153,983	3/4	141,965	3/4	129,882	3/4	117,797	3/4	105,712	3/4	93,627	3/4	81,540	3/4	81,540
9	9	9	9	165,714	9	153,733	9	141,715	9	129,630	9	117,545	9	105,460	9	93,375	9	81,288	9	81,288
1/4	1/4	1/4	1/4	165,466	1/4	153,482	1/4	141,463	1/4	129,378	1/4	117,293	1/4	105,208	1/4	93,123	1/4	81,036	1/4	81,036
1/2	1/2	1/2	1/2	165,218	1/2	153,232	1/2	141,211	1/2	129,126	1/2	117,041	1/2	104,956	1/2	92,871	1/2	80,784	1/2	80,784
3/4	3/4	3/4	3/4	164,969	3/4	152,982	3/4	140,960	3/4	128,875	3/4	116,790	3/4	104,705	3/4	92,620	3/4	80,532	3/4	80,532
10	10	10	10	164,721	10	152,731	10	140,708	10	128,623	10	116,538	10	104,453	10	92,368	10	80,281	10	80,281
1/4	1/4	1/4	1/4	164,473	1/4	152,481	1/4	140,456	1/4	128,371	1/4	116,286	1/4	104,201	1/4	92,116	1/4	80,029	1/4	80,029
1/2	1/2	1/2	1/2	164,225	1/2	152,231	1/2	140,204	1/2	128,119	1/2	116,034	1/2	103,949	1/2	91,864	1/2	79,777	1/2	79,777
3/4	3/4	3/4	3/4	163,977	3/4	151,980	3/4	139,953	3/4	127,868	3/4	115,783	3/4	103,698	3/4	91,612	3/4	79,525	3/4	79,525
11	11	11	11	163,729	11	151,730	11	139,701	11	127,616	11	115,531	11	103,446	11	91,361	11	79,273	11	79,273
1/4	1/4	1/4	1/4	163,481	1/4	151,479	1/4	139,449	1/4	127,364	1/4	115,279	1/4	103,194	1/4	91,109	1/4	79,022	1/4	79,022
1/2	1/2	1/2	1/2	163,233	1/2	151,229	1/2	139,197	1/2	127,112	1/2	115,027	1/2	102,942	1/2	90,857	1/2	78,770	1/2	78,770
3/4	3/4	3/4	3/4	162,985	3/4	150,979	3/4	138,946	3/4	126,861	3/4	114,776	3/4	102,691	3/4	90,605	3/4	78,518	3/4	78,518

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1373"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	78,266	0	66,179	0	54,092	0	42,005	0	30,154	0	18,125	0	6,042	0		0		0	
1/4	78,014	1/4	65,927	1/4	53,840	1/4	41,753	1/4	29,910	1/4	17,873	1/4	5,792	1/4		1/4		1/4	
1/2	77,763	1/2	65,675	1/2	53,588	1/2	41,501	1/2	29,665	1/2	17,622	1/2	5,542	1/2		1/2		1/2	
3/4	77,511	3/4	65,424	3/4	53,337	3/4	41,249	3/4	29,421	3/4	17,370	3/4	5,292	3/4		3/4		3/4	
1	77,259	1	65,172	1	53,085	1	40,998	1	29,176	1	17,118	1	5,041	1	1	1	1	1	1
1/4	77,007	1/4	64,920	1/4	52,833	1/4	40,746	1/4	28,932	1/4	16,866	1/4	4,792	1/4		1/4		1/4	
1/2	76,755	1/2	64,668	1/2	52,581	1/2	40,494	1/2	28,687	1/2	16,614	1/2	4,543	1/2		1/2		1/2	
3/4	76,503	3/4	64,416	3/4	52,329	3/4	40,242	3/4	28,442	3/4	16,363	3/4	4,294	3/4		3/4		3/4	
2	76,252	2	64,165	2	52,077	2	39,990	2	28,197	2	16,111	2	4,045	2	2	2	2	2	2
1/4	76,000	1/4	63,913	1/4	51,826	1/4	39,739	1/4	27,946	1/4	15,859	1/4	3,799	1/4		1/4		1/4	
1/2	75,748	1/2	63,661	1/2	51,574	1/2	39,487	1/2	27,694	1/2	15,607	1/2	3,552	1/2		1/2		1/2	
3/4	75,496	3/4	63,409	3/4	51,322	3/4	39,235	3/4	27,442	3/4	15,355	3/4	3,305	3/4		3/4		3/4	
3	75,244	3	63,157	3	51,070	3	38,983	3	27,190	3	15,104	3	3,058	3	3	3	3	3	3
1/4	74,993	1/4	62,906	1/4	50,818	1/4	38,731	1/4	26,938	1/4	14,852	1/4	2,828	1/4		1/4		1/4	
1/2	74,741	1/2	62,654	1/2	50,567	1/2	38,480	1/2	26,687	1/2	14,600	1/2	2,598	1/2		1/2		1/2	
3/4	74,489	3/4	62,402	3/4	50,315	3/4	38,228	3/4	26,435	3/4	14,348	3/4	2,368	3/4		3/4		3/4	
4	74,237	4	62,150	4	50,063	4	37,976	4	26,183	4	14,096	4	2,138	4	4	4	4	4	4
1/4	73,985	1/4	61,898	1/4	49,811	1/4	37,731	1/4	25,931	1/4	13,845	1/4	1,949	1/4		1/4		1/4	
1/2	73,734	1/2	61,646	1/2	49,559	1/2	37,486	1/2	25,679	1/2	13,593	1/2	1,760	1/2		1/2		1/2	
3/4	73,482	3/4	61,395	3/4	49,308	3/4	37,242	3/4	25,428	3/4	13,341	3/4	1,571	3/4		3/4		3/4	
5	73,230	5	61,143	5	49,056	5	36,997	5	25,176	5	13,089	5	1,382	5	5	5	5	5	5
1/4	72,978	1/4	60,891	1/4	48,804	1/4	36,752	1/4	24,924	1/4	12,837	1/4	1,235	1/4		1/4		1/4	
1/2	72,726	1/2	60,639	1/2	48,552	1/2	36,508	1/2	24,672	1/2	12,586	1/2	1,088	1/2		1/2		1/2	
3/4	72,474	3/4	60,387	3/4	48,300	3/4	36,264	3/4	24,420	3/4	12,334	3/4	942	3/4		3/4		3/4	
6	72,223	6	60,136	6	48,048	6	36,019	6	24,169	6	12,082	6	795	6	6	6	6	6	6
1/4	71,971	1/4	59,884	1/4	47,797	1/4	35,775	1/4	23,917	1/4	11,830	1/4	690	1/4		1/4		1/4	
1/2	71,719	1/2	59,632	1/2	47,545	1/2	35,531	1/2	23,665	1/2	11,578	1/2	585	1/2		1/2		1/2	
3/4	71,467	3/4	59,380	3/4	47,293	3/4	35,286	3/4	23,413	3/4	11,327	3/4	480	3/4		3/4		3/4	
7	71,215	7	59,128	7	47,041	7	35,042	7	23,161	7	11,075	7	375	7	7	7	7	7	7
1/4	70,964	1/4	58,876	1/4	46,789	1/4	34,797	1/4	22,910	1/4	10,823	1/4	312	1/4		1/4		1/4	
1/2	70,712	1/2	58,625	1/2	46,538	1/2	34,553	1/2	22,658	1/2	10,571	1/2	249	1/2		1/2		1/2	
3/4	70,460	3/4	58,373	3/4	46,286	3/4	34,309	3/4	22,406	3/4	10,319	3/4	186	3/4		3/4		3/4	
8	70,208	8	58,121	8	46,034	8	34,064	8	22,154	8	10,067	8	123	8	8	8	8	8	8
1/4	69,956	1/4	57,869	1/4	45,782	1/4	33,820	1/4	21,902	1/4	9,816	1/4	102	1/4		1/4		1/4	
1/2	69,704	1/2	57,617	1/2	45,530	1/2	33,575	1/2	21,651	1/2	9,564	1/2	81	1/2		1/2		1/2	
3/4	69,453	3/4	57,366	3/4	45,279	3/4	33,331	3/4	21,399	3/4	9,312	3/4	60	3/4		3/4		3/4	
9	69,201	9	57,114	9	45,027	9	33,087	9	21,147	9	9,060	9	39	9	9	9	9	9	9
1/4	68,949	1/4	56,862	1/4	44,775	1/4	32,842	1/4	20,895	1/4	8,808	1/4		1/4		1/4		1/4	
1/2	68,697	1/2	56,610	1/2	44,523	1/2	32,598	1/2	20,643	1/2	8,557	1/2		1/2		1/2		1/2	
3/4	68,445	3/4	56,358	3/4	44,271	3/4	32,353	3/4	20,391	3/4	8,305	3/4		3/4		3/4		3/4	
10	68,194	10	56,107	10	44,019	10	32,109	10	20,140	10	8,053	10	10	10	10	10	10	10	10
1/4	67,942	1/4	55,855	1/4	43,768	1/4	31,865	1/4	19,888	1/4	7,802	1/4		1/4		1/4		1/4	
1/2	67,690	1/2	55,603	1/2	43,516	1/2	31,620	1/2	19,636	1/2	7,550	1/2		1/2		1/2		1/2	
3/4	67,438	3/4	55,351	3/4	43,264	3/4	31,376	3/4	19,384	3/4	7,298	3/4		3/4		3/4		3/4	
11	67,186	11	55,099	11	43,012	11	31,132	11	19,132	11	7,047	11	11	11	11	11	11	11	11
1/4	66,935	1/4	54,847	1/4	42,760	1/4	30,887	1/4	18,881	1/4	6,796	1/4		1/4		1/4		1/4	
1/2	66,683	1/2	54,596	1/2	42,509	1/2	30,643	1/2	18,629	1/2	6,545	1/2		1/2		1/2		1/2	
3/4	66,431	3/4	54,344	3/4	42,257	3/4	30,398	3/4	18,377	3/4	6,294	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/10/2014 CL - SW
CALCULATED: 03/10/2014 CL
PRINTED: 03/10/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1373"

3 CENTER ULLAGE 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	0	0	0	0	144,878	0	134,204	0	123,507	0	112,766	0	102,025	0	91,285	0	80,543	0	80,543	
1/4	1/4	1/4	1/4	1/4	144,657	1/4	133,981	1/4	123,283	1/4	112,543	1/4	101,802	1/4	91,061	1/4	80,319	1/4	80,319	
1/2	1/2	1/2	1/2	1/2	144,437	1/2	133,759	1/2	123,060	1/2	112,319	1/2	101,578	1/2	90,837	1/2	80,096	1/2	80,096	
3/4	3/4	3/4	3/4	3/4	144,216	3/4	133,536	3/4	122,836	3/4	112,095	3/4	101,354	3/4	90,613	3/4	79,872	3/4	79,872	
1	1	1	1	151,893	1	143,996	1	133,314	1	122,612	1	111,871	1	101,130	1	90,390	1	79,648	1	79,648
1/4	1/4	1/4	1/4	151,878	1/4	143,773	1/4	133,091	1/4	122,388	1/4	111,647	1/4	100,907	1/4	90,166	1/4	79,424	1/4	79,424
1/2	1/2	1/2	1/2	151,863	1/2	143,551	1/2	132,869	1/2	122,165	1/2	111,424	1/2	100,683	1/2	89,942	1/2	79,200	1/2	79,200
3/4	3/4	3/4	3/4	151,847	3/4	143,328	3/4	132,646	3/4	121,941	3/4	111,200	3/4	100,459	3/4	89,718	3/4	78,977	3/4	78,977
2	2	2	2	151,832	2	143,105	2	132,423	2	121,717	2	110,976	2	100,235	2	89,494	2	78,753	2	78,753
1/4	1/4	1/4	1/4	151,779	1/4	142,883	1/4	132,201	1/4	121,493	1/4	110,752	1/4	100,012	1/4	89,271	1/4	78,529	1/4	78,529
1/2	1/2	1/2	1/2	151,727	1/2	142,660	1/2	131,978	1/2	121,269	1/2	110,529	1/2	99,788	1/2	89,047	1/2	78,305	1/2	78,305
3/4	3/4	3/4	3/4	151,674	3/4	142,438	3/4	131,756	3/4	121,046	3/4	110,305	3/4	99,564	3/4	88,823	3/4	78,081	3/4	78,081
3	3	3	3	151,621	3	142,215	3	131,533	3	120,822	3	110,081	3	99,340	3	88,599	3	77,858	3	77,858
1/4	1/4	1/4	1/4	151,531	1/4	141,993	1/4	131,311	1/4	120,598	1/4	109,857	1/4	99,116	1/4	88,376	1/4	77,634	1/4	77,634
1/2	1/2	1/2	1/2	151,441	1/2	141,770	1/2	131,088	1/2	120,374	1/2	109,634	1/2	98,893	1/2	88,152	1/2	77,410	1/2	77,410
3/4	3/4	3/4	3/4	151,352	3/4	141,548	3/4	130,866	3/4	120,151	3/4	109,410	3/4	98,669	3/4	87,928	3/4	77,186	3/4	77,186
4	4	4	4	151,262	4	141,325	4	130,643	4	119,927	4	109,186	4	98,445	4	87,704	4	76,962	4	76,962
1/4	1/4	1/4	1/4	151,134	1/4	141,103	1/4	130,421	1/4	119,703	1/4	108,962	1/4	98,221	1/4	87,481	1/4	76,739	1/4	76,739
1/2	1/2	1/2	1/2	151,007	1/2	140,880	1/2	130,198	1/2	119,479	1/2	108,738	1/2	97,998	1/2	87,257	1/2	76,515	1/2	76,515
3/4	3/4	3/4	3/4	150,880	3/4	140,657	3/4	129,976	3/4	119,256	3/4	108,515	3/4	97,774	3/4	87,033	3/4	76,291	3/4	76,291
5	5	5	5	150,753	5	140,435	5	129,753	5	119,032	5	108,291	5	97,550	5	86,809	5	76,067	5	76,067
1/4	1/4	1/4	1/4	150,588	1/4	140,212	1/4	129,530	1/4	118,808	1/4	108,067	1/4	97,326	1/4	86,585	1/4	75,843	1/4	75,843
1/2	1/2	1/2	1/2	150,424	1/2	139,990	1/2	129,308	1/2	118,584	1/2	107,843	1/2	97,103	1/2	86,362	1/2	75,620	1/2	75,620
3/4	3/4	3/4	3/4	150,259	3/4	139,767	3/4	129,085	3/4	118,360	3/4	107,620	3/4	96,879	3/4	86,138	3/4	75,396	3/4	75,396
6	6	6	6	150,095	6	139,545	6	128,863	6	118,137	6	107,396	6	96,655	6	85,914	6	75,172	6	75,172
1/4	1/4	1/4	1/4	149,893	1/4	139,322	1/4	128,640	1/4	117,913	1/4	107,172	1/4	96,431	1/4	85,690	1/4	74,948	1/4	74,948
1/2	1/2	1/2	1/2	149,691	1/2	139,100	1/2	128,418	1/2	117,689	1/2	106,948	1/2	96,207	1/2	85,467	1/2	74,724	1/2	74,724
3/4	3/4	3/4	3/4	149,489	3/4	138,877	3/4	128,195	3/4	117,465	3/4	106,725	3/4	95,984	3/4	85,243	3/4	74,501	3/4	74,501
7	7	7	7	149,287	7	138,655	7	127,973	7	117,242	7	106,501	7	95,760	7	85,019	7	74,277	7	74,277
1/4	1/4	1/4	1/4	149,067	1/4	138,432	1/4	127,750	1/4	117,018	1/4	106,277	1/4	95,536	1/4	84,795	1/4	74,053	1/4	74,053
1/2	1/2	1/2	1/2	148,846	1/2	138,210	1/2	127,528	1/2	116,794	1/2	106,053	1/2	95,312	1/2	84,572	1/2	73,829	1/2	73,829
3/4	3/4	3/4	3/4	148,626	3/4	137,987	3/4	127,305	3/4	116,570	3/4	105,829	3/4	95,089	3/4	84,348	3/4	73,605	3/4	73,605
8	8	8	8	148,405	8	137,764	8	127,083	8	116,347	8	105,606	8	94,865	8	84,124	8	73,382	8	73,382
1/4	1/4	1/4	1/4	148,185	1/4	137,542	1/4	126,860	1/4	116,123	1/4	105,382	1/4	94,641	1/4	83,900	1/4	73,158	1/4	73,158
1/2	1/2	1/2	1/2	147,964	1/2	137,319	1/2	126,637	1/2	115,899	1/2	105,158	1/2	94,417	1/2	83,677	1/2	72,934	1/2	72,934
3/4	3/4	3/4	3/4	147,744	3/4	137,097	3/4	126,415	3/4	115,675	3/4	104,934	3/4	94,194	3/4	83,453	3/4	72,710	3/4	72,710
9	9	9	9	147,523	9	136,874	9	126,192	9	115,452	9	104,711	9	93,970	9	83,229	9	72,486	9	72,486
1/4	1/4	1/4	1/4	147,303	1/4	136,652	1/4	125,969	1/4	115,228	1/4	104,487	1/4	93,746	1/4	83,005	1/4	72,262	1/4	72,262
1/2	1/2	1/2	1/2	147,082	1/2	136,429	1/2	125,745	1/2	115,004	1/2	104,263	1/2	93,522	1/2	82,781	1/2	72,039	1/2	72,039
3/4	3/4	3/4	3/4	146,862	3/4	136,207	3/4	125,521	3/4	114,780	3/4	104,039	3/4	93,299	3/4	82,558	3/4	71,815	3/4	71,815
10	10	10	10	146,641	10	135,984	10	125,297	10	114,556	10	103,816	10	93,075	10	82,334	10	71,591	10	71,591
1/4	1/4	1/4	1/4	146,421	1/4	135,762	1/4	125,074	1/4	114,333	1/4	103,592	1/4	92,851	1/4	82,110	1/4	71,367	1/4	71,367
1/2	1/2	1/2	1/2	146,200	1/2	135,539	1/2	124,850	1/2	114,109	1/2	103,368	1/2	92,627	1/2	81,886	1/2	71,143	1/2	71,143
3/4	3/4	3/4	3/4	145,980	3/4	135,317	3/4	124,626	3/4	113,885	3/4	103,144	3/4	92,403	3/4	81,662	3/4	70,920	3/4	70,920
11	11	11	11	145,759	11	135,094	11	124,402	11	113,661	11	102,921	11	92,180	11	81,439	11	70,696	11	70,696
1/4	1/4	1/4	1/4	145,539	1/4	134,871	1/4	124,178	1/4	113,438	1/4	102,697	1/4	91,956	1/4	81,215	1/4	70,472	1/4	70,472
1/2	1/2	1/2	1/2	145,319	1/2	134,649	1/2	123,955	1/2	113,214	1/2	102,473	1/2	91,732	1/2	80,991	1/2	70,248	1/2	70,248
3/4	3/4	3/4	3/4	145,098	3/4	134,426	3/4	123,731	3/4	112,990	3/4	102,249	3/4	91,508	3/4	80,767	3/4	70,024	3/4	70,024

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'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1373"

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	69,801	0	59,058	0	48,315	0	37,573	0	26,850	0	16,114	0	5,375	0					
1/4	69,577	1/4	58,834	1/4	48,092	1/4	37,349	1/4	26,627	1/4	15,890	1/4	5,152	1/4					1/4
1/2	69,353	1/2	58,610	1/2	47,868	1/2	37,125	1/2	26,404	1/2	15,666	1/2	4,930	1/2					1/2
3/4	69,129	3/4	58,387	3/4	47,644	3/4	36,901	3/4	26,181	3/4	15,442	3/4	4,707	3/4					3/4
1	68,905	1	58,163	1	47,420	1	36,677	1	25,958	1	15,218	1	4,485	1					1
1/4	68,682	1/4	57,939	1/4	47,196	1/4	36,454	1/4	25,734	1/4	14,995	1/4	4,264	1/4					1/4
1/2	68,458	1/2	57,715	1/2	46,972	1/2	36,230	1/2	25,511	1/2	14,771	1/2	4,042	1/2					1/2
3/4	68,234	3/4	57,491	3/4	46,749	3/4	36,006	3/4	25,287	3/4	14,547	3/4	3,821	3/4					3/4
2	68,010	2	57,268	2	46,525	2	35,782	2	25,064	2	14,323	2	3,600	2					2
1/4	67,786	1/4	57,044	1/4	46,301	1/4	35,558	1/4	24,841	1/4	14,099	1/4	3,381	1/4					1/4
1/2	67,563	1/2	56,820	1/2	46,077	1/2	35,335	1/2	24,617	1/2	13,876	1/2	3,161	1/2					1/2
3/4	67,339	3/4	56,596	3/4	45,853	3/4	35,111	3/4	24,394	3/4	13,652	3/4	2,942	3/4					3/4
3	67,115	3	56,372	3	45,630	3	34,887	3	24,170	3	13,428	3	2,722	3					3
1/4	66,891	1/4	56,149	1/4	45,406	1/4	34,663	1/4	23,946	1/4	13,204	1/4	2,518	1/4					1/4
1/2	66,667	1/2	55,925	1/2	45,182	1/2	34,439	1/2	23,723	1/2	12,980	1/2	2,313	1/2					1/2
3/4	66,444	3/4	55,701	3/4	44,958	3/4	34,216	3/4	23,499	3/4	12,757	3/4	2,109	3/4					3/4
4	66,220	4	55,477	4	44,734	4	33,992	4	23,275	4	12,533	4	1,904	4					4
1/4	65,996	1/4	55,253	1/4	44,511	1/4	33,768	1/4	23,051	1/4	12,309	1/4	1,736	1/4					1/4
1/2	65,772	1/2	55,029	1/2	44,287	1/2	33,544	1/2	22,827	1/2	12,085	1/2	1,569	1/2					1/2
3/4	65,548	3/4	54,806	3/4	44,063	3/4	33,320	3/4	22,604	3/4	11,861	3/4	1,401	3/4					3/4
5	65,325	5	54,582	5	43,839	5	33,097	5	22,380	5	11,638	5	1,233	5					5
1/4	65,101	1/4	54,358	1/4	43,615	1/4	32,873	1/4	22,156	1/4	11,414	1/4	1,102	1/4					1/4
1/2	64,877	1/2	54,134	1/2	43,392	1/2	32,650	1/2	21,932	1/2	11,190	1/2	972	1/2					1/2
3/4	64,653	3/4	53,910	3/4	43,168	3/4	32,427	3/4	21,708	3/4	10,966	3/4	841	3/4					3/4
6	64,429	6	53,687	6	42,944	6	32,204	6	21,485	6	10,742	6	711	6					6
1/4	64,205	1/4	53,463	1/4	42,720	1/4	31,981	1/4	21,261	1/4	10,519	1/4	617	1/4					1/4
1/2	63,982	1/2	53,239	1/2	42,496	1/2	31,758	1/2	21,037	1/2	10,295	1/2	524	1/2					1/2
3/4	63,758	3/4	53,015	3/4	42,273	3/4	31,535	3/4	20,813	3/4	10,071	3/4	431	3/4					3/4
7	63,534	7	52,791	7	42,049	7	31,312	7	20,589	7	9,847	7	338	7					7
1/4	63,310	1/4	52,568	1/4	41,825	1/4	31,089	1/4	20,366	1/4	9,623	1/4	282	1/4					1/4
1/2	63,086	1/2	52,344	1/2	41,601	1/2	30,866	1/2	20,142	1/2	9,400	1/2	226	1/2					1/2
3/4	62,863	3/4	52,120	3/4	41,377	3/4	30,643	3/4	19,918	3/4	9,176	3/4	170	3/4					3/4
8	62,639	8	51,896	8	41,154	8	30,419	8	19,694	8	8,952	8	114	8					8
1/4	62,415	1/4	51,672	1/4	40,930	1/4	30,196	1/4	19,471	1/4	8,728	1/4	95	1/4					1/4
1/2	62,191	1/2	51,449	1/2	40,706	1/2	29,973	1/2	19,247	1/2	8,504	1/2	77	1/2					1/2
3/4	61,967	3/4	51,225	3/4	40,482	3/4	29,750	3/4	19,023	3/4	8,281	3/4	58	3/4					3/4
9	61,744	9	51,001	9	40,258	9	29,527	9	18,799	9	8,057	9	39	9					9
1/4	61,520	1/4	50,777	1/4	40,035	1/4	29,304	1/4	18,575	1/4	7,833	1/4		1/4					1/4
1/2	61,296	1/2	50,553	1/2	39,811	1/2	29,081	1/2	18,352	1/2	7,609	1/2		1/2					1/2
3/4	61,072	3/4	50,330	3/4	39,587	3/4	28,858	3/4	18,128	3/4	7,386	3/4		3/4					3/4
10	60,848	10	50,106	10	39,363	10	28,635	10	17,904	10	7,162	10		10					10
1/4	60,625	1/4	49,882	1/4	39,139	1/4	28,412	1/4	17,680	1/4	6,938	1/4		1/4					1/4
1/2	60,401	1/2	49,658	1/2	38,915	1/2	28,189	1/2	17,456	1/2	6,715	1/2		1/2					1/2
3/4	60,177	3/4	49,434	3/4	38,692	3/4	27,966	3/4	17,233	3/4	6,491	3/4		3/4					3/4
11	59,953	11	49,211	11	38,468	11	27,742	11	17,009	11	6,267	11		11					11
1/4	59,729	1/4	48,987	1/4	38,244	1/4	27,519	1/4	16,785	1/4	6,044	1/4		1/4					1/4
1/2	59,506	1/2	48,763	1/2	38,020	1/2	27,296	1/2	16,561	1/2	5,821	1/2		1/2					1/2
3/4	59,282	3/4	48,539	3/4	37,796	3/4	27,073	3/4	16,337	3/4	5,598	3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2014