



# BARGE "CBC 1374"

## INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

April 1, 2014

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

<http://www.pmacorp.net>



# BARGE "CBC 1374"

## 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	8,091	0	18,879	0	29,518	0	40,185	0	50,946	0	61,706	0	72,444	0	83,183	0	93,947
1/4	58	1/4	8,316	1/4	19,104	1/4	29,736	1/4	40,409	1/4	51,170	1/4	61,930	1/4	72,666	1/4	83,407	1/4	94,171
1/2	77	1/2	8,541	1/2	19,329	1/2	29,954	1/2	40,634	1/2	51,394	1/2	62,155	1/2	72,889	1/2	83,631	1/2	94,395
3/4	96	3/4	8,765	3/4	19,554	3/4	30,173	3/4	40,858	3/4	51,618	3/4	62,379	3/4	73,112	3/4	83,856	3/4	94,619
1	114	1	8,990	1	19,779	1	30,391	1	41,082	1	51,842	1	62,603	1	73,335	1	84,080	1	94,844
1/4	170	1/4	9,215	1/4	20,003	1/4	30,609	1/4	41,306	1/4	52,067	1/4	62,827	1/4	73,558	1/4	84,304	1/4	95,068
1/2	227	1/2	9,440	1/2	20,228	1/2	30,828	1/2	41,530	1/2	52,291	1/2	63,051	1/2	73,781	1/2	84,528	1/2	95,292
3/4	283	3/4	9,664	3/4	20,453	3/4	31,046	3/4	41,754	3/4	52,515	3/4	63,276	3/4	74,003	3/4	84,753	3/4	95,516
2	339	2	9,889	2	20,678	2	31,265	2	41,979	2	52,739	2	63,500	2	74,226	2	84,977	2	95,741
1/4	433	1/4	10,114	1/4	20,902	1/4	31,483	1/4	42,203	1/4	52,963	1/4	63,724	1/4	74,449	1/4	85,201	1/4	95,965
1/2	526	1/2	10,339	1/2	21,127	1/2	31,701	1/2	42,427	1/2	53,187	1/2	63,948	1/2	74,672	1/2	85,425	1/2	96,189
3/4	620	3/4	10,563	3/4	21,352	3/4	31,920	3/4	42,651	3/4	53,412	3/4	64,172	3/4	74,895	3/4	85,650	3/4	96,413
3	714	3	10,788	3	21,577	3	32,138	3	42,875	3	53,636	3	64,396	3	75,118	3	85,874	3	96,638
1/4	845	1/4	11,013	1/4	21,801	1/4	32,356	1/4	43,099	1/4	53,860	1/4	64,621	1/4	75,340	1/4	86,098	1/4	96,862
1/2	976	1/2	11,238	1/2	22,026	1/2	32,575	1/2	43,324	1/2	54,084	1/2	64,845	1/2	75,563	1/2	86,322	1/2	97,086
3/4	1,107	3/4	11,462	3/4	22,251	3/4	32,793	3/4	43,548	3/4	54,308	3/4	65,069	3/4	75,786	3/4	86,547	3/4	97,310
4	1,238	4	11,687	4	22,476	4	33,011	4	43,772	4	54,533	4	65,293	4	76,009	4	86,771	4	97,535
1/4	1,406	1/4	11,912	1/4	22,700	1/4	33,236	1/4	43,996	1/4	54,757	1/4	65,517	1/4	76,232	1/4	86,995	1/4	97,759
1/2	1,575	1/2	12,137	1/2	22,925	1/2	33,460	1/2	44,220	1/2	54,981	1/2	65,741	1/2	76,456	1/2	87,219	1/2	97,983
3/4	1,743	3/4	12,361	3/4	23,150	3/4	33,684	3/4	44,445	3/4	55,205	3/4	65,966	3/4	76,679	3/4	87,444	3/4	98,207
5	1,912	5	12,586	5	23,375	5	33,908	5	44,669	5	55,429	5	66,190	5	76,903	5	87,668	5	98,432
1/4	2,117	1/4	12,811	1/4	23,599	1/4	34,132	1/4	44,893	1/4	55,653	1/4	66,414	1/4	77,127	1/4	87,892	1/4	98,656
1/2	2,323	1/2	13,036	1/2	23,824	1/2	34,357	1/2	45,117	1/2	55,878	1/2	66,638	1/2	77,352	1/2	88,116	1/2	98,880
3/4	2,528	3/4	13,260	3/4	24,049	3/4	34,581	3/4	45,341	3/4	56,102	3/4	66,862	3/4	77,576	3/4	88,340	3/4	99,104
6	2,734	6	13,485	6	24,274	6	34,805	6	45,565	6	56,326	6	67,087	6	77,800	6	88,565	6	99,329
1/4	2,954	1/4	13,710	1/4	24,492	1/4	35,029	1/4	45,790	1/4	56,550	1/4	67,310	1/4	78,024	1/4	88,789	1/4	99,553
1/2	3,174	1/2	13,935	1/2	24,711	1/2	35,253	1/2	46,014	1/2	56,774	1/2	67,534	1/2	78,249	1/2	89,013	1/2	99,777
3/4	3,395	3/4	14,160	3/4	24,930	3/4	35,477	3/4	46,238	3/4	56,999	3/4	67,757	3/4	78,473	3/4	89,237	3/4	100,001
7	3,615	7	14,384	7	25,149	7	35,702	7	46,462	7	57,223	7	67,981	7	78,697	7	89,462	7	100,226
1/4	3,837	1/4	14,609	1/4	25,367	1/4	35,926	1/4	46,686	1/4	57,447	1/4	68,204	1/4	78,921	1/4	89,686	1/4	100,450
1/2	4,059	1/2	14,834	1/2	25,586	1/2	36,150	1/2	46,910	1/2	57,671	1/2	68,428	1/2	79,146	1/2	89,910	1/2	100,674
3/4	4,282	3/4	15,059	3/4	25,805	3/4	36,374	3/4	47,135	3/4	57,895	3/4	68,652	3/4	79,370	3/4	90,134	3/4	100,898
8	4,504	8	15,283	8	26,024	8	36,598	8	47,359	8	58,119	8	68,875	8	79,594	8	90,359	8	101,123
1/4	4,727	1/4	15,508	1/4	26,242	1/4	36,822	1/4	47,583	1/4	58,344	1/4	69,099	1/4	79,819	1/4	90,583	1/4	101,347
1/2	4,951	1/2	15,733	1/2	26,460	1/2	37,047	1/2	47,807	1/2	58,568	1/2	69,322	1/2	80,043	1/2	90,807	1/2	101,571
3/4	5,174	3/4	15,958	3/4	26,679	3/4	37,271	3/4	48,031	3/4	58,792	3/4	69,546	3/4	80,267	3/4	91,031	3/4	101,795
9	5,397	9	16,182	9	26,897	9	37,495	9	48,256	9	59,016	9	69,770	9	80,491	9	91,256	9	102,020
1/4	5,621	1/4	16,407	1/4	27,116	1/4	37,719	1/4	48,480	1/4	59,240	1/4	69,992	1/4	80,716	1/4	91,480	1/4	102,244
1/2	5,846	1/2	16,632	1/2	27,334	1/2	37,943	1/2	48,704	1/2	59,464	1/2	70,215	1/2	80,940	1/2	91,704	1/2	102,468
3/4	6,070	3/4	16,857	3/4	27,552	3/4	38,168	3/4	48,928	3/4	59,689	3/4	70,438	3/4	81,164	3/4	91,928	3/4	102,692
10	6,294	10	17,081	10	27,771	10	38,392	10	49,152	10	59,913	10	70,661	10	81,389	10	92,153	10	102,917
1/4	6,518	1/4	17,306	1/4	27,989	1/4	38,616	1/4	49,376	1/4	60,137	1/4	70,884	1/4	81,613	1/4	92,377	1/4	103,141
1/2	6,743	1/2	17,531	1/2	28,207	1/2	38,840	1/2	49,601	1/2	60,361	1/2	71,107	1/2	81,837	1/2	92,601	1/2	103,365
3/4	6,967	3/4	17,756	3/4	28,426	3/4	39,064	3/4	49,825	3/4	60,585	3/4	71,329	3/4	82,061	3/4	92,825	3/4	103,589
11	7,192	11	17,980	11	28,644	11	39,288	11	50,049	11	60,810	11	71,552	11	82,286	11	93,050	11	103,814
1/4	7,417	1/4	18,205	1/4	28,862	1/4	39,513	1/4	50,273	1/4	61,034	1/4	71,775	1/4	82,510	1/4	93,274	1/4	104,038
1/2	7,642	1/2	18,430	1/2	29,081	1/2	39,737	1/2	50,497	1/2	61,258	1/2	71,998	1/2	82,734	1/2	93,498	1/2	104,262
3/4	7,866	3/4	18,655	3/4	29,299	3/4	39,961	3/4	50,722	3/4	61,482	3/4	72,221	3/4	82,959	3/4	93,722	3/4	104,486

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
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# BARGE "CBC 1374"

## 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	104,711	0	114,811	0	124,271	0	133,688	0	143,089	0		0		0		0		0	
1/4	104,935	1/4	115,008	1/4	124,467	1/4	133,885	1/4	143,284	1/4		1/4		1/4		1/4		1/4	
1/2	105,159	1/2	115,205	1/2	124,664	1/2	134,081	1/2	143,478	1/2		1/2		1/2		1/2		1/2	
3/4	105,383	3/4	115,402	3/4	124,860	3/4	134,278	3/4	143,673	3/4		3/4		3/4		3/4		3/4	
1	105,607	1	115,599	1	125,057	1	134,474	1	143,867	1		1		1		1		1	
1/4	105,831	1/4	115,796	1/4	125,253	1/4	134,671	1/4	144,061	1/4		1/4		1/4		1/4		1/4	
1/2	106,055	1/2	115,994	1/2	125,450	1/2	134,867	1/2	144,256	1/2		1/2		1/2		1/2		1/2	
3/4	106,279	3/4	116,191	3/4	125,646	3/4	135,064	3/4	144,450	3/4		3/4		3/4		3/4		3/4	
2	106,503	2	116,388	2	125,843	2	135,260	2	144,645	2		2		2		2		2	
1/4	106,727	1/4	116,585	1/4	126,039	1/4	135,457	1/4	144,848	1/4		1/4		1/4		1/4		1/4	
1/2	106,951	1/2	116,782	1/2	126,236	1/2	135,653	1/2	145,052	1/2		1/2		1/2		1/2		1/2	
3/4	107,175	3/4	116,979	3/4	126,433	3/4	135,850	3/4	145,255	3/4		3/4		3/4		3/4		3/4	
3	107,399	3	117,176	3	126,629	3	136,047	3	145,458	3		3		3		3		3	
1/4	107,623	1/4	117,373	1/4	126,826	1/4	136,243	1/4	145,624	1/4		1/4		1/4		1/4		1/4	
1/2	107,847	1/2	117,570	1/2	127,022	1/2	136,440	1/2	145,790	1/2		1/2		1/2		1/2		1/2	
3/4	108,071	3/4	117,767	3/4	127,219	3/4	136,636	3/4	145,956	3/4		3/4		3/4		3/4		3/4	
4	108,295	4	117,964	4	127,415	4	136,833	4	146,122	4		4		4		4		4	
1/4	108,519	1/4	118,161	1/4	127,612	1/4	137,029	1/4	146,251	1/4		1/4		1/4		1/4		1/4	
1/2	108,743	1/2	118,358	1/2	127,808	1/2	137,226	1/2	146,379	1/2		1/2		1/2		1/2		1/2	
3/4	108,967	3/4	118,555	3/4	128,005	3/4	137,422	3/4	146,507	3/4		3/4		3/4		3/4		3/4	
5	109,191	5	118,753	5	128,201	5	137,619	5	146,636	5		5		5		5		5	
1/4	109,415	1/4	118,950	1/4	128,398	1/4	137,815	1/4	146,727	1/4		1/4		1/4		1/4		1/4	
1/2	109,639	1/2	119,147	1/2	128,595	1/2	138,012	1/2	146,818	1/2		1/2		1/2		1/2		1/2	
3/4	109,863	3/4	119,344	3/4	128,791	3/4	138,209	3/4	146,909	3/4		3/4		3/4		3/4		3/4	
6	110,087	6	119,541	6	128,988	6	138,405	6	147,000	6		6		6		6		6	
1/4	110,283	1/4	119,738	1/4	129,184	1/4	138,602	1/4	147,053	1/4		1/4		1/4		1/4		1/4	
1/2	110,480	1/2	119,935	1/2	129,379	1/2	138,798	1/2	147,107	1/2		1/2		1/2		1/2		1/2	
3/4	110,677	3/4	120,132	3/4	129,575	3/4	138,995	3/4	147,160	3/4		3/4		3/4		3/4		3/4	
7	110,874	7	120,329	7	129,771	7	139,191	7	147,214	7		7		7		7		7	
1/4	111,071	1/4	120,526	1/4	129,967	1/4	139,388	1/4	147,230	1/4		1/4		1/4		1/4		1/4	
1/2	111,268	1/2	120,723	1/2	130,163	1/2	139,584	1/2	147,246	1/2		1/2		1/2		1/2		1/2	
3/4	111,465	3/4	120,920	3/4	130,359	3/4	139,781	3/4	147,262	3/4		3/4		3/4		3/4		3/4	
8	111,661	8	121,117	8	130,554	8	139,977	8	147,278	8		8		8		8		8	
1/4	111,858	1/4	121,314	1/4	130,750	1/4	140,172	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,055	1/2	121,512	1/2	130,946	1/2	140,366	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,252	3/4	121,709	3/4	131,142	3/4	140,561	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,449	9	121,906	9	131,338	9	140,755	9		9		9		9		9		9	
1/4	112,646	1/4	122,103	1/4	131,534	1/4	140,950	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,843	1/2	122,300	1/2	131,730	1/2	141,144	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,039	3/4	122,497	3/4	131,925	3/4	141,339	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,236	10	122,694	10	132,121	10	141,533	10		10		10		10		10		10	
1/4	113,433	1/4	122,891	1/4	132,317	1/4	141,728	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,630	1/2	123,088	1/2	132,513	1/2	141,922	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,827	3/4	123,285	3/4	132,709	3/4	142,117	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,024	11	123,482	11	132,905	11	142,311	11		11		11		11		11		11	
1/4	114,221	1/4	123,679	1/4	133,100	1/4	142,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,417	1/2	123,876	1/2	133,296	1/2	142,700	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,614	3/4	124,073	3/4	133,492	3/4	142,895	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/01/2014 CL  
CALCULATED: 04/01/2014 CL  
PRINTED: 04/01/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "CBC 1374"

## 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	9,056	0	21,138	0	33,073	0	45,008	0	57,089	0	69,171	0	81,253	0	93,335	0	105,415
1/4	60	1/4	9,308	1/4	21,390	1/4	33,317	1/4	45,259	1/4	57,341	1/4	69,423	1/4	81,505	1/4	93,587	1/4	105,667
1/2	81	1/2	9,560	1/2	21,641	1/2	33,561	1/2	45,511	1/2	57,593	1/2	69,675	1/2	81,757	1/2	93,839	1/2	105,918
3/4	102	3/4	9,811	3/4	21,893	3/4	33,805	3/4	45,763	3/4	57,845	3/4	69,927	3/4	82,008	3/4	94,090	3/4	106,170
1	123	1	10,063	1	22,145	1	34,050	1	46,014	1	58,096	1	70,178	1	82,260	1	94,342	1	106,422
1/4	186	1/4	10,315	1/4	22,396	1/4	34,294	1/4	46,266	1/4	58,348	1/4	70,430	1/4	82,512	1/4	94,594	1/4	106,673
1/2	249	1/2	10,567	1/2	22,648	1/2	34,538	1/2	46,518	1/2	58,600	1/2	70,682	1/2	82,764	1/2	94,845	1/2	106,925
3/4	312	3/4	10,818	3/4	22,900	3/4	34,783	3/4	46,769	3/4	58,851	3/4	70,933	3/4	83,015	3/4	95,097	3/4	107,177
2	375	2	11,070	2	23,151	2	35,027	2	47,021	2	59,103	2	71,185	2	83,267	2	95,349	2	107,428
1/4	480	1/4	11,322	1/4	23,403	1/4	35,271	1/4	47,273	1/4	59,355	1/4	71,437	1/4	83,519	1/4	95,600	1/4	107,680
1/2	585	1/2	11,573	1/2	23,655	1/2	35,515	1/2	47,525	1/2	59,607	1/2	71,688	1/2	83,770	1/2	95,852	1/2	107,932
3/4	689	3/4	11,825	3/4	23,907	3/4	35,760	3/4	47,776	3/4	59,858	3/4	71,940	3/4	84,022	3/4	96,104	3/4	108,183
3	794	3	12,077	3	24,158	3	36,004	3	48,028	3	60,110	3	72,192	3	84,274	3	96,355	3	108,435
1/4	941	1/4	12,328	1/4	24,410	1/4	36,248	1/4	48,280	1/4	60,362	1/4	72,444	1/4	84,526	1/4	96,607	1/4	108,687
1/2	1,088	1/2	12,580	1/2	24,662	1/2	36,493	1/2	48,531	1/2	60,613	1/2	72,695	1/2	84,777	1/2	96,859	1/2	108,938
3/4	1,235	3/4	12,832	3/4	24,913	3/4	36,737	3/4	48,783	3/4	60,865	3/4	72,947	3/4	85,029	3/4	97,110	3/4	109,190
4	1,382	4	13,084	4	25,165	4	36,981	4	49,035	4	61,117	4	73,199	4	85,281	4	97,362	4	109,442
1/4	1,570	1/4	13,335	1/4	25,417	1/4	37,226	1/4	49,287	1/4	61,368	1/4	73,450	1/4	85,532	1/4	97,614	1/4	109,693
1/2	1,759	1/2	13,587	1/2	25,668	1/2	37,470	1/2	49,538	1/2	61,620	1/2	73,702	1/2	85,784	1/2	97,865	1/2	109,945
3/4	1,948	3/4	13,839	3/4	25,920	3/4	37,715	3/4	49,790	3/4	61,872	3/4	73,954	3/4	86,036	3/4	98,117	3/4	110,197
5	2,137	5	14,090	5	26,172	5	37,960	5	50,042	5	62,124	5	74,206	5	86,287	5	98,369	5	110,448
1/4	2,367	1/4	14,342	1/4	26,424	1/4	38,211	1/4	50,293	1/4	62,375	1/4	74,457	1/4	86,539	1/4	98,620	1/4	110,700
1/2	2,597	1/2	14,594	1/2	26,675	1/2	38,463	1/2	50,545	1/2	62,627	1/2	74,709	1/2	86,791	1/2	98,872	1/2	110,952
3/4	2,827	3/4	14,845	3/4	26,927	3/4	38,715	3/4	50,797	3/4	62,879	3/4	74,961	3/4	87,043	3/4	99,124	3/4	111,203
6	3,057	6	15,097	6	27,179	6	38,967	6	51,048	6	63,130	6	75,212	6	87,294	6	99,375	6	111,455
1/4	3,304	1/4	15,349	1/4	27,430	1/4	39,218	1/4	51,300	1/4	63,382	1/4	75,464	1/4	87,546	1/4	99,627	1/4	111,707
1/2	3,550	1/2	15,601	1/2	27,682	1/2	39,470	1/2	51,552	1/2	63,634	1/2	75,716	1/2	87,798	1/2	99,879	1/2	111,958
3/4	3,797	3/4	15,852	3/4	27,934	3/4	39,722	3/4	51,804	3/4	63,886	3/4	75,967	3/4	88,049	3/4	100,130	3/4	112,210
7	4,044	7	16,104	7	28,185	7	39,973	7	52,055	7	64,137	7	76,219	7	88,301	7	100,382	7	112,462
1/4	4,293	1/4	16,356	1/4	28,430	1/4	40,225	1/4	52,307	1/4	64,389	1/4	76,471	1/4	88,553	1/4	100,634	1/4	112,713
1/2	4,541	1/2	16,607	1/2	28,675	1/2	40,477	1/2	52,559	1/2	64,641	1/2	76,723	1/2	88,805	1/2	100,885	1/2	112,965
3/4	4,790	3/4	16,859	3/4	28,919	3/4	40,729	3/4	52,810	3/4	64,892	3/4	76,974	3/4	89,056	3/4	101,137	3/4	113,217
8	5,039	8	17,111	8	29,164	8	40,980	8	53,062	8	65,144	8	77,226	8	89,308	8	101,389	8	113,468
1/4	5,289	1/4	17,362	1/4	29,408	1/4	41,232	1/4	53,314	1/4	65,396	1/4	77,478	1/4	89,560	1/4	101,640	1/4	113,720
1/2	5,540	1/2	17,614	1/2	29,653	1/2	41,484	1/2	53,566	1/2	65,648	1/2	77,729	1/2	89,811	1/2	101,892	1/2	113,972
3/4	5,790	3/4	17,866	3/4	29,897	3/4	41,735	3/4	53,817	3/4	65,899	3/4	77,981	3/4	90,063	3/4	102,143	3/4	114,223
9	6,040	9	18,118	9	30,141	9	41,987	9	54,069	9	66,151	9	78,233	9	90,315	9	102,395	9	114,475
1/4	6,291	1/4	18,369	1/4	30,385	1/4	42,239	1/4	54,321	1/4	66,403	1/4	78,485	1/4	90,566	1/4	102,647	1/4	114,727
1/2	6,542	1/2	18,621	1/2	30,630	1/2	42,490	1/2	54,572	1/2	66,654	1/2	78,736	1/2	90,818	1/2	102,898	1/2	114,978
3/4	6,793	3/4	18,873	3/4	30,874	3/4	42,742	3/4	54,824	3/4	66,906	3/4	78,988	3/4	91,070	3/4	103,150	3/4	115,230
10	7,044	10	19,124	10	31,118	10	42,994	10	55,076	10	67,158	10	79,240	10	91,322	10	103,402	10	115,482
1/4	7,295	1/4	19,376	1/4	31,363	1/4	43,246	1/4	55,328	1/4	67,409	1/4	79,491	1/4	91,573	1/4	103,653	1/4	115,733
1/2	7,547	1/2	19,628	1/2	31,607	1/2	43,497	1/2	55,579	1/2	67,661	1/2	79,743	1/2	91,825	1/2	103,905	1/2	115,985
3/4	7,798	3/4	19,879	3/4	31,851	3/4	43,749	3/4	55,831	3/4	67,913	3/4	79,995	3/4	92,077	3/4	104,157	3/4	116,237
11	8,050	11	20,131	11	32,095	11	44,001	11	56,083	11	68,165	11	80,247	11	92,328	11	104,408	11	116,488
1/4	8,301	1/4	20,383	1/4	32,340	1/4	44,252	1/4	56,334	1/4	68,416	1/4	80,498	1/4	92,580	1/4	104,660	1/4	116,740
1/2	8,553	1/2	20,635	1/2	32,584	1/2	44,504	1/2	56,586	1/2	68,668	1/2	80,750	1/2	92,832	1/2	104,912	1/2	116,992
3/4	8,805	3/4	20,886	3/4	32,828	3/4	44,756	3/4	56,838	3/4	68,920	3/4	81,002	3/4	93,084	3/4	105,163	3/4	117,243

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1374"

## 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	117,495	0	129,575	0	141,655	0	153,667	0	165,643	0		0		0		0		0	
1/4	117,747	1/4	129,826	1/4	141,905	1/4	153,918	1/4	165,891	1/4		1/4		1/4		1/4		1/4	
1/2	117,998	1/2	130,078	1/2	142,155	1/2	154,168	1/2	166,139	1/2		1/2		1/2		1/2		1/2	
3/4	118,250	3/4	130,330	3/4	142,405	3/4	154,418	3/4	166,387	3/4		3/4		3/4		3/4		3/4	
1	118,502	1	130,581	1	142,656	1	154,668	1	166,635	1		1		1		1		1	
1/4	118,753	1/4	130,833	1/4	142,906	1/4	154,919	1/4	166,883	1/4		1/4		1/4		1/4		1/4	
1/2	119,005	1/2	131,085	1/2	143,156	1/2	155,169	1/2	167,131	1/2		1/2		1/2		1/2		1/2	
3/4	119,257	3/4	131,336	3/4	143,407	3/4	155,419	3/4	167,379	3/4		3/4		3/4		3/4		3/4	
2	119,508	2	131,588	2	143,657	2	155,670	2	167,627	2		2		2		2		2	
1/4	119,760	1/4	131,840	1/4	143,907	1/4	155,920	1/4	167,854	1/4		1/4		1/4		1/4		1/4	
1/2	120,012	1/2	132,091	1/2	144,157	1/2	156,170	1/2	168,081	1/2		1/2		1/2		1/2		1/2	
3/4	120,263	3/4	132,343	3/4	144,408	3/4	156,420	3/4	168,308	3/4		3/4		3/4		3/4		3/4	
3	120,515	3	132,595	3	144,658	3	156,671	3	168,535	3		3		3		3		3	
1/4	120,767	1/4	132,846	1/4	144,908	1/4	156,921	1/4	168,720	1/4		1/4		1/4		1/4		1/4	
1/2	121,018	1/2	133,098	1/2	145,158	1/2	157,171	1/2	168,905	1/2		1/2		1/2		1/2		1/2	
3/4	121,270	3/4	133,350	3/4	145,409	3/4	157,421	3/4	169,090	3/4		3/4		3/4		3/4		3/4	
4	121,522	4	133,601	4	145,659	4	157,672	4	169,275	4		4		4		4		4	
1/4	121,773	1/4	133,853	1/4	145,909	1/4	157,922	1/4	169,418	1/4		1/4		1/4		1/4		1/4	
1/2	122,025	1/2	134,105	1/2	146,159	1/2	158,172	1/2	169,561	1/2		1/2		1/2		1/2		1/2	
3/4	122,277	3/4	134,356	3/4	146,410	3/4	158,422	3/4	169,704	3/4		3/4		3/4		3/4		3/4	
5	122,528	5	134,608	5	146,660	5	158,673	5	169,847	5		5		5		5		5	
1/4	122,780	1/4	134,860	1/4	146,910	1/4	158,923	1/4	169,948	1/4		1/4		1/4		1/4		1/4	
1/2	123,032	1/2	135,111	1/2	147,161	1/2	159,173	1/2	170,049	1/2		1/2		1/2		1/2		1/2	
3/4	123,283	3/4	135,363	3/4	147,411	3/4	159,423	3/4	170,150	3/4		3/4		3/4		3/4		3/4	
6	123,535	6	135,615	6	147,661	6	159,674	6	170,251	6		6		6		6		6	
1/4	123,787	1/4	135,866	1/4	147,911	1/4	159,924	1/4	170,311	1/4		1/4		1/4		1/4		1/4	
1/2	124,038	1/2	136,118	1/2	148,162	1/2	160,174	1/2	170,370	1/2		1/2		1/2		1/2		1/2	
3/4	124,290	3/4	136,370	3/4	148,412	3/4	160,425	3/4	170,429	3/4		3/4		3/4		3/4		3/4	
7	124,542	7	136,621	7	148,662	7	160,675	7	170,488	7		7		7		7		7	
1/4	124,793	1/4	136,873	1/4	148,912	1/4	160,925	1/4	170,505	1/4		1/4		1/4		1/4		1/4	
1/2	125,045	1/2	137,125	1/2	149,163	1/2	161,175	1/2	170,523	1/2		1/2		1/2		1/2		1/2	
3/4	125,297	3/4	137,376	3/4	149,413	3/4	161,426	3/4	170,540	3/4		3/4		3/4		3/4		3/4	
8	125,548	8	137,628	8	149,663	8	161,676	8	170,557	8		8		8		8		8	
1/4	125,800	1/4	137,880	1/4	149,913	1/4	161,924	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,052	1/2	138,131	1/2	150,164	1/2	162,172	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,303	3/4	138,383	3/4	150,414	3/4	162,420	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,555	9	138,635	9	150,664	9	162,668	9		9		9		9		9		9	
1/4	126,807	1/4	138,886	1/4	150,914	1/4	162,916	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,058	1/2	139,138	1/2	151,165	1/2	163,164	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,310	3/4	139,390	3/4	151,415	3/4	163,412	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,562	10	139,641	10	151,665	10	163,659	10		10		10		10		10		10	
1/4	127,813	1/4	139,893	1/4	151,916	1/4	163,907	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,065	1/2	140,145	1/2	152,166	1/2	164,155	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,317	3/4	140,396	3/4	152,416	3/4	164,403	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,568	11	140,648	11	152,666	11	164,651	11		11		11		11		11		11	
1/4	128,820	1/4	140,900	1/4	152,917	1/4	164,899	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,072	1/2	141,151	1/2	153,167	1/2	165,147	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,323	3/4	141,403	3/4	153,417	3/4	165,395	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/01/2014 CL  
CALCULATED: 04/01/2014 CL  
PRINTED: 04/01/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1374"

## 3 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	8,041	0	18,763	0	29,470	0	40,180	0	50,902	0	61,624	0	72,346	0	83,067	0	93,787
1/4	58	1/4	8,265	1/4	18,986	1/4	19,693	1/4	40,404	1/4	51,125	1/4	61,847	1/4	72,569	1/4	83,291	1/4	94,011
1/2	77	1/2	8,488	1/2	19,209	1/2	19,915	1/2	40,627	1/2	51,349	1/2	62,071	1/2	72,792	1/2	83,514	1/2	94,234
3/4	95	3/4	8,711	3/4	19,433	3/4	30,138	3/4	40,850	3/4	51,572	3/4	62,294	3/4	73,016	3/4	83,737	3/4	94,457
1	114	1	8,935	1	19,656	1	30,360	1	41,074	1	51,795	1	62,517	1	73,239	1	83,961	1	94,681
1/4	170	1/4	9,158	1/4	19,879	1/4	30,583	1/4	41,297	1/4	52,019	1/4	62,741	1/4	73,462	1/4	84,184	1/4	94,904
1/2	225	1/2	9,381	1/2	20,103	1/2	30,806	1/2	41,520	1/2	52,242	1/2	62,964	1/2	73,686	1/2	84,407	1/2	95,127
3/4	281	3/4	9,605	3/4	20,326	3/4	31,028	3/4	41,744	3/4	52,466	3/4	63,187	3/4	73,909	3/4	84,631	3/4	95,351
2	337	2	9,828	2	20,550	2	31,251	2	41,967	2	52,689	2	63,411	2	74,133	2	84,854	2	95,574
1/4	430	1/4	10,052	1/4	20,773	1/4	31,474	1/4	42,191	1/4	52,912	1/4	63,634	1/4	74,356	1/4	85,077	1/4	95,797
1/2	523	1/2	10,275	1/2	20,996	1/2	31,696	1/2	42,414	1/2	53,136	1/2	63,858	1/2	74,579	1/2	85,301	1/2	96,021
3/4	616	3/4	10,498	3/4	21,220	3/4	31,919	3/4	42,637	3/4	53,359	3/4	64,081	3/4	74,803	3/4	85,524	3/4	96,244
3	709	3	10,722	3	21,443	3	32,142	3	42,861	3	53,582	3	64,304	3	75,026	3	85,747	3	96,467
1/4	840	1/4	10,945	1/4	21,666	1/4	32,364	1/4	43,084	1/4	53,806	1/4	64,528	1/4	75,249	1/4	85,971	1/4	96,691
1/2	970	1/2	11,168	1/2	21,890	1/2	32,587	1/2	43,307	1/2	54,029	1/2	64,751	1/2	75,473	1/2	86,194	1/2	96,914
3/4	1,100	3/4	11,392	3/4	22,113	3/4	32,810	3/4	43,531	3/4	54,253	3/4	64,974	3/4	75,696	3/4	86,417	3/4	97,137
4	1,230	4	11,615	4	22,336	4	33,032	4	43,754	4	54,476	4	65,198	4	75,920	4	86,641	4	97,361
1/4	1,398	1/4	11,838	1/4	22,560	1/4	33,256	1/4	43,977	1/4	54,699	1/4	65,421	1/4	76,143	1/4	86,864	1/4	97,584
1/2	1,566	1/2	12,062	1/2	22,783	1/2	33,479	1/2	44,201	1/2	54,923	1/2	65,644	1/2	76,366	1/2	87,087	1/2	97,807
3/4	1,733	3/4	12,285	3/4	23,007	3/4	33,702	3/4	44,424	3/4	55,146	3/4	65,868	3/4	76,590	3/4	87,311	3/4	98,031
5	1,901	5	12,508	5	23,230	5	33,926	5	44,648	5	55,369	5	66,091	5	76,813	5	87,534	5	98,254
1/4	2,105	1/4	12,732	1/4	23,453	1/4	34,149	1/4	44,871	1/4	55,593	1/4	66,315	1/4	77,036	1/4	87,757	1/4	98,477
1/2	2,309	1/2	12,955	1/2	23,677	1/2	34,373	1/2	45,094	1/2	55,816	1/2	66,538	1/2	77,260	1/2	87,981	1/2	98,701
3/4	2,513	3/4	13,179	3/4	23,900	3/4	34,596	3/4	45,318	3/4	56,040	3/4	66,761	3/4	77,483	3/4	88,204	3/4	98,924
6	2,717	6	13,402	6	24,123	6	34,819	6	45,541	6	56,263	6	66,985	6	77,707	6	88,427	6	99,147
1/4	2,936	1/4	13,625	1/4	24,346	1/4	35,043	1/4	45,764	1/4	56,486	1/4	67,208	1/4	77,930	1/4	88,651	1/4	99,371
1/2	3,155	1/2	13,849	1/2	24,569	1/2	35,266	1/2	45,988	1/2	56,710	1/2	67,431	1/2	78,153	1/2	88,874	1/2	99,594
3/4	3,374	3/4	14,072	3/4	24,792	3/4	35,489	3/4	46,211	3/4	56,933	3/4	67,655	3/4	78,377	3/4	89,097	3/4	99,817
7	3,593	7	14,295	7	25,015	7	35,713	7	46,435	7	57,156	7	67,878	7	78,600	7	89,321	7	100,041
1/4	3,814	1/4	14,519	1/4	25,238	1/4	35,936	1/4	46,658	1/4	57,380	1/4	68,102	1/4	78,823	1/4	89,544	1/4	100,264
1/2	4,035	1/2	14,742	1/2	25,461	1/2	36,159	1/2	46,881	1/2	57,603	1/2	68,325	1/2	79,047	1/2	89,767	1/2	100,487
3/4	4,255	3/4	14,965	3/4	25,684	3/4	36,383	3/4	47,105	3/4	57,826	3/4	68,548	3/4	79,270	3/4	89,991	3/4	100,711
8	4,476	8	15,189	8	25,907	8	36,606	8	47,328	8	58,050	8	68,772	8	79,493	8	90,214	8	100,934
1/4	4,698	1/4	15,412	1/4	26,130	1/4	36,830	1/4	47,551	1/4	58,273	1/4	68,995	1/4	79,717	1/4	90,437	1/4	101,157
1/2	4,920	1/2	15,636	1/2	26,353	1/2	37,053	1/2	47,775	1/2	58,497	1/2	69,218	1/2	79,940	1/2	90,661	1/2	101,381
3/4	5,142	3/4	15,859	3/4	26,575	3/4	37,276	3/4	47,998	3/4	58,720	3/4	69,442	3/4	80,164	3/4	90,884	3/4	101,604
9	5,364	9	16,082	9	26,798	9	37,500	9	48,222	9	58,943	9	69,665	9	80,387	9	91,107	9	101,827
1/4	5,587	1/4	16,306	1/4	27,021	1/4	37,723	1/4	48,445	1/4	59,167	1/4	69,889	1/4	80,610	1/4	91,331	1/4	102,051
1/2	5,810	1/2	16,529	1/2	27,243	1/2	37,946	1/2	48,668	1/2	59,390	1/2	70,112	1/2	80,834	1/2	91,554	1/2	102,274
3/4	6,033	3/4	16,752	3/4	27,466	3/4	38,170	3/4	48,892	3/4	59,613	3/4	70,335	3/4	81,057	3/4	91,777	3/4	102,497
10	6,255	10	16,976	10	27,689	10	38,393	10	49,115	10	59,837	10	70,559	10	81,280	10	92,001	10	102,721
1/4	6,478	1/4	17,199	1/4	27,911	1/4	38,617	1/4	49,338	1/4	60,060	1/4	70,782	1/4	81,504	1/4	92,224	1/4	102,944
1/2	6,702	1/2	17,422	1/2	28,134	1/2	38,840	1/2	49,562	1/2	60,284	1/2	71,005	1/2	81,727	1/2	92,447	1/2	103,167
3/4	6,925	3/4	17,646	3/4	28,357	3/4	39,063	3/4	49,785	3/4	60,507	3/4	71,229	3/4	81,951	3/4	92,671	3/4	103,391
11	7,148	11	17,869	11	28,579	11	39,287	11	50,009	11	60,730	11	71,452	11	82,174	11	92,894	11	103,614
1/4	7,371	1/4	18,093	1/4	28,802	1/4	39,510	1/4	50,232	1/4	60,954	1/4	71,676	1/4	82,397	1/4	93,117	1/4	103,837
1/2	7,595	1/2	18,316	1/2	29,025	1/2	39,733	1/2	50,455	1/2	61,177	1/2	71,899	1/2	82,621	1/2	93,341	1/2	104,061
3/4	7,818	3/4	18,539	3/4	29,247	3/4	39,957	3/4	50,679	3/4	61,400	3/4	72,122	3/4	82,844	3/4	93,564	3/4	104,284

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "CBC 1374"

## 3 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	104,507	0	115,227	0	125,947	0	136,609	0	147,237	0		0		0		0		0	
1/4	104,731	1/4	115,451	1/4	126,170	1/4	136,831	1/4	147,457	1/4		1/4		1/4		1/4		1/4	
1/2	104,954	1/2	115,674	1/2	126,392	1/2	137,053	1/2	147,677	1/2		1/2		1/2		1/2		1/2	
3/4	105,177	3/4	115,897	3/4	126,614	3/4	137,275	3/4	147,897	3/4		3/4		3/4		3/4		3/4	
1	105,401	1	116,121	1	126,836	1	137,497	1	148,117	1		1		1		1		1	
1/4	105,624	1/4	116,344	1/4	127,058	1/4	137,719	1/4	148,337	1/4		1/4		1/4		1/4		1/4	
1/2	105,847	1/2	116,567	1/2	127,280	1/2	137,941	1/2	148,557	1/2		1/2		1/2		1/2		1/2	
3/4	106,071	3/4	116,791	3/4	127,502	3/4	138,163	3/4	148,777	3/4		3/4		3/4		3/4		3/4	
2	106,294	2	117,014	2	127,724	2	138,386	2	148,997	2		2		2		2		2	
1/4	106,517	1/4	117,237	1/4	127,946	1/4	138,608	1/4	149,199	1/4		1/4		1/4		1/4		1/4	
1/2	106,741	1/2	117,461	1/2	128,169	1/2	138,830	1/2	149,400	1/2		1/2		1/2		1/2		1/2	
3/4	106,964	3/4	117,684	3/4	128,391	3/4	139,052	3/4	149,602	3/4		3/4		3/4		3/4		3/4	
3	107,187	3	117,907	3	128,613	3	139,274	3	149,803	3		3		3		3		3	
1/4	107,411	1/4	118,131	1/4	128,835	1/4	139,496	1/4	149,967	1/4		1/4		1/4		1/4		1/4	
1/2	107,634	1/2	118,354	1/2	129,057	1/2	139,718	1/2	150,132	1/2		1/2		1/2		1/2		1/2	
3/4	107,857	3/4	118,577	3/4	129,279	3/4	139,940	3/4	150,296	3/4		3/4		3/4		3/4		3/4	
4	108,081	4	118,801	4	129,501	4	140,162	4	150,460	4		4		4		4		4	
1/4	108,304	1/4	119,024	1/4	129,723	1/4	140,385	1/4	150,587	1/4		1/4		1/4		1/4		1/4	
1/2	108,527	1/2	119,247	1/2	129,945	1/2	140,607	1/2	150,714	1/2		1/2		1/2		1/2		1/2	
3/4	108,751	3/4	119,471	3/4	130,168	3/4	140,829	3/4	150,841	3/4		3/4		3/4		3/4		3/4	
5	108,974	5	119,694	5	130,390	5	141,051	5	150,968	5		5		5		5		5	
1/4	109,197	1/4	119,917	1/4	130,612	1/4	141,273	1/4	151,058	1/4		1/4		1/4		1/4		1/4	
1/2	109,421	1/2	120,141	1/2	130,834	1/2	141,495	1/2	151,148	1/2		1/2		1/2		1/2		1/2	
3/4	109,644	3/4	120,364	3/4	131,056	3/4	141,717	3/4	151,237	3/4		3/4		3/4		3/4		3/4	
6	109,867	6	120,587	6	131,278	6	141,939	6	151,327	6		6		6		6		6	
1/4	110,091	1/4	120,811	1/4	131,500	1/4	142,161	1/4	151,380	1/4		1/4		1/4		1/4		1/4	
1/2	110,314	1/2	121,034	1/2	131,722	1/2	142,383	1/2	151,432	1/2		1/2		1/2		1/2		1/2	
3/4	110,537	3/4	121,257	3/4	131,944	3/4	142,606	3/4	151,485	3/4		3/4		3/4		3/4		3/4	
7	110,761	7	121,481	7	132,166	7	142,828	7	151,537	7		7		7		7		7	
1/4	110,984	1/4	121,704	1/4	132,389	1/4	143,050	1/4	151,552	1/4		1/4		1/4		1/4		1/4	
1/2	111,207	1/2	121,927	1/2	132,611	1/2	143,272	1/2	151,568	1/2		1/2		1/2		1/2		1/2	
3/4	111,431	3/4	122,151	3/4	132,833	3/4	143,494	3/4	151,583	3/4		3/4		3/4		3/4		3/4	
8	111,654	8	122,374	8	133,055	8	143,716	8	151,598	8		8		8		8		8	
1/4	111,877	1/4	122,597	1/4	133,277	1/4	143,936	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,101	1/2	122,821	1/2	133,499	1/2	144,156	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,324	3/4	123,044	3/4	133,721	3/4	144,376	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,547	9	123,267	9	133,943	9	144,596	9		9		9		9		9		9	
1/4	112,771	1/4	123,491	1/4	134,165	1/4	144,816	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,994	1/2	123,714	1/2	134,388	1/2	145,036	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,217	3/4	123,937	3/4	134,610	3/4	145,257	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,441	10	124,161	10	134,832	10	145,477	10		10		10		10		10		10	
1/4	113,664	1/4	124,384	1/4	135,054	1/4	145,697	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,887	1/2	124,607	1/2	135,276	1/2	145,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,111	3/4	124,831	3/4	135,498	3/4	146,137	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,334	11	125,054	11	135,720	11	146,357	11		11		11		11		11		11	
1/4	114,557	1/4	125,277	1/4	135,942	1/4	146,577	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,781	1/2	125,501	1/2	136,164	1/2	146,797	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,004	3/4	125,724	3/4	136,387	3/4	147,017	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/01/2014 CL  
CALCULATED: 04/01/2014 CL  
PRINTED: 04/01/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1374"

## ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

April 1, 2014

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

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# BARGE "CBC 1374"

## 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	140,172	0	130,750	0	121,314	0	111,858	0	101,347	0	90,583	0	79,819		
1/4	1/4	1/4	1/4	147,278	139,977	1/4	130,554	1/4	121,117	1/4	111,661	1/4	101,123	1/4	90,359	1/4	79,594		
1/2	1/2	1/2	1/2	147,262	139,781	1/2	130,359	1/2	120,920	1/2	111,465	1/2	100,898	1/2	90,134	1/2	79,370		
3/4	3/4	3/4	3/4	147,246	139,584	3/4	130,163	3/4	120,723	3/4	111,268	3/4	100,674	3/4	89,910	3/4	79,146		
1	1	1	1	147,230	139,388	1	129,967	1	120,526	1	111,071	1	100,450	1	89,686	1	78,921		
1/4	1/4	1/4	1/4	147,214	139,191	1/4	129,771	1/4	120,329	1/4	110,874	1/4	100,226	1/4	89,462	1/4	78,697		
1/2	1/2	1/2	1/2	147,160	138,995	1/2	129,575	1/2	120,132	1/2	110,677	1/2	100,001	1/2	89,237	1/2	78,473		
3/4	3/4	3/4	3/4	147,107	138,798	3/4	129,379	3/4	119,935	3/4	110,480	3/4	99,777	3/4	89,013	3/4	78,249		
2	2	2	2	147,053	138,602	2	129,184	2	119,738	2	110,283	2	99,553	2	88,789	2	78,024		
1/4	1/4	1/4	1/4	147,000	138,405	1/4	128,988	1/4	119,541	1/4	110,087	1/4	99,329	1/4	88,565	1/4	77,800		
1/2	1/2	1/2	1/2	146,909	138,209	1/2	128,791	1/2	119,344	1/2	109,863	1/2	99,104	1/2	88,340	1/2	77,576		
3/4	3/4	3/4	3/4	146,818	138,012	3/4	128,595	3/4	119,147	3/4	109,639	3/4	98,880	3/4	88,116	3/4	77,352		
3	3	3	3	146,727	137,815	3	128,398	3	118,950	3	109,415	3	98,656	3	87,892	3	77,127		
1/4	1/4	1/4	1/4	146,636	137,619	1/4	128,201	1/4	118,753	1/4	109,191	1/4	98,432	1/4	87,668	1/4	76,903		
1/2	1/2	1/2	1/2	146,507	137,422	1/2	128,005	1/2	118,555	1/2	108,967	1/2	98,207	1/2	87,444	1/2	76,679		
3/4	3/4	3/4	3/4	146,379	137,226	3/4	127,808	3/4	118,358	3/4	108,743	3/4	97,983	3/4	87,219	3/4	76,456		
4	4	4	4	146,251	137,029	4	127,612	4	118,161	4	108,519	4	97,759	4	86,995	4	76,232		
1/4	1/4	1/4	1/4	146,122	136,833	1/4	127,415	1/4	117,964	1/4	108,295	1/4	97,535	1/4	86,771	1/4	76,009		
1/2	1/2	1/2	1/2	145,956	136,636	1/2	127,219	1/2	117,767	1/2	108,071	1/2	97,310	1/2	86,547	1/2	75,786		
3/4	3/4	3/4	3/4	145,790	136,440	3/4	127,022	3/4	117,570	3/4	107,847	3/4	97,086	3/4	86,322	3/4	75,563		
5	5	5	5	145,624	136,243	5	126,826	5	117,373	5	107,623	5	96,862	5	86,098	5	75,340		
1/4	1/4	1/4	1/4	145,458	136,047	1/4	126,629	1/4	117,176	1/4	107,399	1/4	96,638	1/4	85,874	1/4	75,118		
1/2	1/2	1/2	1/2	145,255	135,850	1/2	126,433	1/2	116,979	1/2	107,175	1/2	96,413	1/2	85,650	1/2	74,895		
3/4	3/4	3/4	3/4	145,052	135,653	3/4	126,236	3/4	116,782	3/4	106,951	3/4	96,189	3/4	85,425	3/4	74,672		
6	6	6	6	144,848	135,457	6	126,039	6	116,585	6	106,727	6	95,965	6	85,201	6	74,449		
1/4	1/4	1/4	1/4	144,645	135,260	1/4	125,843	1/4	116,388	1/4	106,503	1/4	95,741	1/4	84,977	1/4	74,226		
1/2	1/2	1/2	1/2	144,450	135,064	1/2	125,646	1/2	116,191	1/2	106,279	1/2	95,516	1/2	84,753	1/2	74,003		
3/4	3/4	3/4	3/4	144,256	134,867	3/4	125,450	3/4	115,994	3/4	106,055	3/4	95,292	3/4	84,528	3/4	73,781		
7	7	7	7	144,061	134,671	7	125,253	7	115,796	7	105,831	7	95,068	7	84,304	7	73,558		
1/4	1/4	1/4	1/4	143,867	134,474	1/4	125,057	1/4	115,599	1/4	105,607	1/4	94,844	1/4	84,080	1/4	73,335		
1/2	1/2	1/2	1/2	143,673	134,278	1/2	124,860	1/2	115,402	1/2	105,383	1/2	94,619	1/2	83,856	1/2	73,112		
3/4	3/4	3/4	3/4	143,478	134,081	3/4	124,664	3/4	115,205	3/4	105,159	3/4	94,395	3/4	83,631	3/4	72,889		
8	8	8	8	143,284	133,885	8	124,467	8	115,008	8	104,935	8	94,171	8	83,407	8	72,666		
1/4	1/4	1/4	1/4	143,089	133,688	1/4	124,271	1/4	114,811	1/4	104,711	1/4	93,947	1/4	83,183	1/4	72,444		
1/2	1/2	1/2	1/2	142,895	133,492	1/2	124,073	1/2	114,614	1/2	104,486	1/2	93,722	1/2	82,959	1/2	72,221		
3/4	3/4	3/4	3/4	142,700	133,296	3/4	123,876	3/4	114,417	3/4	104,262	3/4	93,498	3/4	82,734	3/4	71,998		
9	9	9	9	142,506	133,100	9	123,679	9	114,221	9	104,038	9	93,274	9	82,510	9	71,775		
1/4	1/4	1/4	1/4	142,311	132,905	1/4	123,482	1/4	114,024	1/4	103,814	1/4	93,050	1/4	82,286	1/4	71,552		
1/2	1/2	1/2	1/2	142,117	132,709	1/2	123,285	1/2	113,827	1/2	103,589	1/2	92,825	1/2	82,061	1/2	71,329		
3/4	3/4	3/4	3/4	141,922	132,513	3/4	123,088	3/4	113,630	3/4	103,365	3/4	92,601	3/4	81,837	3/4	71,107		
10	10	10	10	141,728	132,317	10	122,891	10	113,433	10	103,141	10	92,377	10	81,613	10	70,884		
1/4	1/4	1/4	1/4	141,533	132,121	1/4	122,694	1/4	113,236	1/4	102,917	1/4	92,153	1/4	81,389	1/4	70,661		
1/2	1/2	1/2	1/2	141,339	131,925	1/2	122,497	1/2	113,039	1/2	102,692	1/2	91,928	1/2	81,164	1/2	70,438		
3/4	3/4	3/4	3/4	141,144	131,730	3/4	122,300	3/4	112,843	3/4	102,468	3/4	91,704	3/4	80,940	3/4	70,215		
11	11	11	11	140,950	131,534	11	122,103	11	112,646	11	102,244	11	91,480	11	80,716	11	69,992		
1/4	1/4	1/4	1/4	140,755	131,338	1/4	121,906	1/4	112,449	1/4	102,020	1/4	91,256	1/4	80,491	1/4	69,770		
1/2	1/2	1/2	1/2	140,561	131,142	1/2	121,709	1/2	112,252	1/2	101,795	1/2	91,031	1/2	80,267	1/2	69,546		
3/4	3/4	3/4	3/4	140,366	130,946	3/4	121,512	3/4	112,055	3/4	101,571	3/4	90,807	3/4	80,043	3/4	69,322		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CBC 1374"

## 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	69,099	0	58,344	0	47,583	0	36,822	0	26,242	0	15,508	0	4,727	0		0		0	
1/4	68,875	1/4	58,119	1/4	47,359	1/4	36,598	1/4	26,024	1/4	15,283	1/4	4,504	1/4		1/4		1/4	
1/2	68,652	1/2	57,895	1/2	47,135	1/2	36,374	1/2	25,805	1/2	15,059	1/2	4,282	1/2		1/2		1/2	
3/4	68,428	3/4	57,671	3/4	46,910	3/4	36,150	3/4	25,586	3/4	14,834	3/4	4,059	3/4		3/4		3/4	
1	68,204	1	57,447	1	46,686	1	35,926	1	25,367	1	14,609	1	3,837	1		1		1	
1/4	67,981	1/4	57,223	1/4	46,462	1/4	35,702	1/4	25,149	1/4	14,384	1/4	3,615	1/4		1/4		1/4	
1/2	67,757	1/2	56,999	1/2	46,238	1/2	35,477	1/2	24,930	1/2	14,160	1/2	3,395	1/2		1/2		1/2	
3/4	67,534	3/4	56,774	3/4	46,014	3/4	35,253	3/4	24,711	3/4	13,935	3/4	3,174	3/4		3/4		3/4	
2	67,310	2	56,550	2	45,790	2	35,029	2	24,492	2	13,710	2	2,954	2		2		2	
1/4	67,087	1/4	56,326	1/4	45,565	1/4	34,805	1/4	24,274	1/4	13,485	1/4	2,734	1/4		1/4		1/4	
1/2	66,862	1/2	56,102	1/2	45,341	1/2	34,581	1/2	24,049	1/2	13,260	1/2	2,528	1/2		1/2		1/2	
3/4	66,638	3/4	55,878	3/4	45,117	3/4	34,357	3/4	23,824	3/4	13,036	3/4	2,323	3/4		3/4		3/4	
3	66,414	3	55,653	3	44,893	3	34,132	3	23,599	3	12,811	3	2,117	3		3		3	
1/4	66,190	1/4	55,429	1/4	44,669	1/4	33,908	1/4	23,375	1/4	12,586	1/4	1,912	1/4		1/4		1/4	
1/2	65,966	1/2	55,205	1/2	44,445	1/2	33,684	1/2	23,150	1/2	12,361	1/2	1,743	1/2		1/2		1/2	
3/4	65,741	3/4	54,981	3/4	44,220	3/4	33,460	3/4	22,925	3/4	12,137	3/4	1,575	3/4		3/4		3/4	
4	65,517	4	54,757	4	43,996	4	33,236	4	22,700	4	11,912	4	1,406	4		4		4	
1/4	65,293	1/4	54,533	1/4	43,772	1/4	33,011	1/4	22,476	1/4	11,687	1/4	1,238	1/4		1/4		1/4	
1/2	65,069	1/2	54,308	1/2	43,548	1/2	32,793	1/2	22,251	1/2	11,462	1/2	1,107	1/2		1/2		1/2	
3/4	64,845	3/4	54,084	3/4	43,324	3/4	32,575	3/4	22,026	3/4	11,238	3/4	976	3/4		3/4		3/4	
5	64,621	5	53,860	5	43,099	5	32,356	5	21,801	5	11,013	5	845	5		5		5	
1/4	64,396	1/4	53,636	1/4	42,875	1/4	32,138	1/4	21,577	1/4	10,788	1/4	714	1/4		1/4		1/4	
1/2	64,172	1/2	53,412	1/2	42,651	1/2	31,920	1/2	21,352	1/2	10,563	1/2	620	1/2		1/2		1/2	
3/4	63,948	3/4	53,187	3/4	42,427	3/4	31,701	3/4	21,127	3/4	10,339	3/4	526	3/4		3/4		3/4	
6	63,724	6	52,963	6	42,203	6	31,483	6	20,902	6	10,114	6	433	6		6		6	
1/4	63,500	1/4	52,739	1/4	41,979	1/4	31,265	1/4	20,678	1/4	9,889	1/4	339	1/4		1/4		1/4	
1/2	63,276	1/2	52,515	1/2	41,754	1/2	31,046	1/2	20,453	1/2	9,664	1/2	283	1/2		1/2		1/2	
3/4	63,051	3/4	52,291	3/4	41,530	3/4	30,828	3/4	20,228	3/4	9,440	3/4	227	3/4		3/4		3/4	
7	62,827	7	52,067	7	41,306	7	30,609	7	20,003	7	9,215	7	170	7		7		7	
1/4	62,603	1/4	51,842	1/4	41,082	1/4	30,391	1/4	19,779	1/4	8,990	1/4	114	1/4		1/4		1/4	
1/2	62,379	1/2	51,618	1/2	40,858	1/2	30,173	1/2	19,554	1/2	8,765	1/2	96	1/2		1/2		1/2	
3/4	62,155	3/4	51,394	3/4	40,634	3/4	29,954	3/4	19,329	3/4	8,541	3/4	77	3/4		3/4		3/4	
8	61,930	8	51,170	8	40,409	8	29,736	8	19,104	8	8,316	8	58	8		8		8	
1/4	61,706	1/4	50,946	1/4	40,185	1/4	29,518	1/4	18,879	1/4	8,091	1/4	39	1/4		1/4		1/4	
1/2	61,482	1/2	50,722	1/2	39,961	1/2	29,299	1/2	18,655	1/2	7,866	1/2		1/2		1/2		1/2	
3/4	61,258	3/4	50,497	3/4	39,737	3/4	29,081	3/4	18,430	3/4	7,642	3/4		3/4		3/4		3/4	
9	61,034	9	50,273	9	39,513	9	28,862	9	18,205	9	7,417	9		9		9		9	
1/4	60,810	1/4	50,049	1/4	39,288	1/4	28,644	1/4	17,980	1/4	7,192	1/4		1/4		1/4		1/4	
1/2	60,585	1/2	49,825	1/2	39,064	1/2	28,426	1/2	17,756	1/2	6,967	1/2		1/2		1/2		1/2	
3/4	60,361	3/4	49,601	3/4	38,840	3/4	28,207	3/4	17,531	3/4	6,743	3/4		3/4		3/4		3/4	
10	60,137	10	49,376	10	38,616	10	27,989	10	17,306	10	6,518	10		10		10		10	
1/4	59,913	1/4	49,152	1/4	38,392	1/4	27,771	1/4	17,081	1/4	6,294	1/4		1/4		1/4		1/4	
1/2	59,689	1/2	48,928	1/2	38,168	1/2	27,552	1/2	16,857	1/2	6,070	1/2		1/2		1/2		1/2	
3/4	59,464	3/4	48,704	3/4	37,943	3/4	27,334	3/4	16,632	3/4	5,846	3/4		3/4		3/4		3/4	
11	59,240	11	48,480	11	37,719	11	27,116	11	16,407	11	5,621	11		11		11		11	
1/4	59,016	1/4	48,256	1/4	37,495	1/4	26,897	1/4	16,182	1/4	5,397	1/4		1/4		1/4		1/4	
1/2	58,792	1/2	48,031	1/2	37,271	1/2	26,679	1/2	15,958	1/2	5,174	1/2		1/2		1/2		1/2	
3/4	58,568	3/4	47,807	3/4	37,047	3/4	26,460	3/4	15,733	3/4	4,951	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/01/2014 CL  
CALCULATED: 04/01/2014 CL  
PRINTED: 04/01/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "CBC 1374"

## 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	162,420	0	150,414	0	138,383	0	126,303	0	114,223	0	102,143	0	90,063	0	77,983
1/4	1/4	1/4	1/4	1/4	162,172	1/4	150,164	1/4	138,131	1/4	126,052	1/4	114,072	1/4	101,892	1/4	89,811	1/4	77,734
1/2	1/2	1/2	1/2	1/2	161,924	1/2	149,913	1/2	137,880	1/2	125,800	1/2	113,720	1/2	101,640	1/2	89,560	1/2	77,586
3/4	3/4	3/4	3/4	3/4	170,557	3/4	161,676	3/4	149,663	3/4	137,628	3/4	125,548	3/4	113,468	3/4	101,389	3/4	89,308
1	1	1	1	1	170,540	1	161,426	1	149,413	1	137,376	1	125,297	1	113,217	1	101,137	1	89,056
1/4	1/4	1/4	1/4	1/4	170,523	1/4	161,175	1/4	149,163	1/4	137,125	1/4	125,045	1/4	112,965	1/4	100,885	1/4	88,805
1/2	1/2	1/2	1/2	1/2	170,505	1/2	160,925	1/2	148,912	1/2	136,873	1/2	124,793	1/2	112,713	1/2	100,634	1/2	88,553
3/4	3/4	3/4	3/4	3/4	170,488	3/4	160,675	3/4	148,662	3/4	136,621	3/4	124,542	3/4	112,462	3/4	100,382	3/4	88,301
2	2	2	2	2	170,429	2	160,425	2	148,412	2	136,370	2	124,290	2	112,210	2	100,130	2	88,049
1/4	1/4	1/4	1/4	1/4	170,370	1/4	160,174	1/4	148,162	1/4	136,118	1/4	124,038	1/4	111,958	1/4	99,879	1/4	87,798
1/2	1/2	1/2	1/2	1/2	170,311	1/2	159,924	1/2	147,911	1/2	135,866	1/2	123,787	1/2	111,707	1/2	99,627	1/2	87,546
3/4	3/4	3/4	3/4	3/4	170,251	3/4	159,674	3/4	147,661	3/4	135,615	3/4	123,535	3/4	111,455	3/4	99,375	3/4	87,294
3	3	3	3	3	170,150	3	159,423	3	147,411	3	135,363	3	123,283	3	111,203	3	99,124	3	87,043
1/4	1/4	1/4	1/4	1/4	170,049	1/4	159,173	1/4	147,161	1/4	135,111	1/4	123,032	1/4	110,952	1/4	98,872	1/4	86,791
1/2	1/2	1/2	1/2	1/2	169,948	1/2	158,923	1/2	146,910	1/2	134,860	1/2	122,780	1/2	110,700	1/2	98,620	1/2	86,539
3/4	3/4	3/4	3/4	3/4	169,847	3/4	158,673	3/4	146,660	3/4	134,608	3/4	122,528	3/4	110,448	3/4	98,369	3/4	86,287
4	4	4	4	4	169,704	4	158,422	4	146,410	4	134,356	4	122,277	4	110,197	4	98,117	4	86,036
1/4	1/4	1/4	1/4	1/4	169,561	1/4	158,172	1/4	146,159	1/4	134,105	1/4	122,025	1/4	109,945	1/4	97,865	1/4	85,784
1/2	1/2	1/2	1/2	1/2	169,418	1/2	157,922	1/2	145,909	1/2	133,853	1/2	121,773	1/2	109,693	1/2	97,614	1/2	85,532
3/4	3/4	3/4	3/4	3/4	169,275	3/4	157,672	3/4	145,659	3/4	133,601	3/4	121,522	3/4	109,442	3/4	97,362	3/4	85,281
5	5	5	5	5	169,090	5	157,421	5	145,409	5	133,350	5	121,270	5	109,190	5	97,110	5	85,029
1/4	1/4	1/4	1/4	1/4	168,905	1/4	157,171	1/4	145,158	1/4	133,098	1/4	121,018	1/4	108,938	1/4	96,859	1/4	84,777
1/2	1/2	1/2	1/2	1/2	168,720	1/2	156,921	1/2	144,908	1/2	132,846	1/2	120,767	1/2	108,687	1/2	96,607	1/2	84,526
3/4	3/4	3/4	3/4	3/4	168,535	3/4	156,671	3/4	144,658	3/4	132,595	3/4	120,515	3/4	108,435	3/4	96,355	3/4	84,274
6	6	6	6	6	168,308	6	156,420	6	144,408	6	132,343	6	120,263	6	108,183	6	96,104	6	84,022
1/4	1/4	1/4	1/4	1/4	168,081	1/4	156,170	1/4	144,157	1/4	132,091	1/4	120,012	1/4	107,932	1/4	95,852	1/4	83,770
1/2	1/2	1/2	1/2	1/2	167,854	1/2	155,920	1/2	143,907	1/2	131,840	1/2	119,760	1/2	107,680	1/2	95,600	1/2	83,519
3/4	3/4	3/4	3/4	3/4	167,627	3/4	155,670	3/4	143,657	3/4	131,588	3/4	119,508	3/4	107,428	3/4	95,349	3/4	83,267
7	7	7	7	7	167,379	7	155,419	7	143,407	7	131,336	7	119,257	7	107,177	7	95,097	7	83,015
1/4	1/4	1/4	1/4	1/4	167,131	1/4	155,169	1/4	143,156	1/4	131,085	1/4	119,005	1/4	106,925	1/4	94,845	1/4	82,764
1/2	1/2	1/2	1/2	1/2	166,883	1/2	154,919	1/2	142,906	1/2	130,833	1/2	118,753	1/2	106,673	1/2	94,594	1/2	82,512
3/4	3/4	3/4	3/4	3/4	166,635	3/4	154,668	3/4	142,656	3/4	130,581	3/4	118,502	3/4	106,422	3/4	94,342	3/4	82,260
8	8	8	8	8	166,387	8	154,418	8	142,405	8	130,330	8	118,250	8	106,170	8	94,090	8	82,008
1/4	1/4	1/4	1/4	1/4	166,139	1/4	154,168	1/4	142,155	1/4	130,078	1/4	117,998	1/4	105,918	1/4	93,839	1/4	81,757
1/2	1/2	1/2	1/2	1/2	165,891	1/2	153,918	1/2	141,905	1/2	129,826	1/2	117,747	1/2	105,667	1/2	93,587	1/2	81,505
3/4	3/4	3/4	3/4	3/4	165,643	3/4	153,667	3/4	141,655	3/4	129,575	3/4	117,495	3/4	105,415	3/4	93,335	3/4	81,253
9	9	9	9	9	165,395	9	153,417	9	141,403	9	129,323	9	117,243	9	105,163	9	93,084	9	81,002
1/4	1/4	1/4	1/4	1/4	165,147	1/4	153,167	1/4	141,151	1/4	129,072	1/4	116,992	1/4	104,912	1/4	92,832	1/4	80,750
1/2	1/2	1/2	1/2	1/2	164,899	1/2	152,917	1/2	140,900	1/2	128,820	1/2	116,740	1/2	104,660	1/2	92,580	1/2	80,498
3/4	3/4	3/4	3/4	3/4	164,651	3/4	152,666	3/4	140,648	3/4	128,568	3/4	116,488	3/4	104,408	3/4	92,328	3/4	80,247
10	10	10	10	10	164,403	10	152,416	10	140,396	10	128,317	10	116,237	10	104,157	10	92,077	10	79,995
1/4	1/4	1/4	1/4	1/4	164,155	1/4	152,166	1/4	140,145	1/4	128,065	1/4	115,985	1/4	103,905	1/4	91,825	1/4	79,743
1/2	1/2	1/2	1/2	1/2	163,907	1/2	151,916	1/2	139,893	1/2	127,813	1/2	115,733	1/2	103,653	1/2	91,573	1/2	79,491
3/4	3/4	3/4	3/4	3/4	163,659	3/4	151,665	3/4	139,641	3/4	127,562	3/4	115,482	3/4	103,402	3/4	91,322	3/4	79,240
11	11	11	11	11	163,412	11	151,415	11	139,390	11	127,310	11	115,230	11	103,150	11	91,070	11	78,988
1/4	1/4	1/4	1/4	1/4	163,164	1/4	151,165	1/4	139,138	1/4	127,058	1/4	114,978	1/4	102,898	1/4	90,818	1/4	78,736
1/2	1/2	1/2	1/2	1/2	162,916	1/2	150,914	1/2	138,886	1/2	126,807	1/2	114,727	1/2	102,647	1/2	90,566	1/2	78,485
3/4	3/4	3/4	3/4	3/4	162,668	3/4	150,664	3/4	138,635	3/4	126,555	3/4	114,475	3/4	102,395	3/4	90,315	3/4	78,233

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'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "CBC 1374"

## 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	77,981	0	65,899	0	53,817	0	41,735	0	29,897	0	17,866	0	5,790	0					
1/4	77,729	1/4	65,648	1/4	53,566	1/4	41,484	1/4	29,653	1/4	17,614	1/4	5,540	1/4					
1/2	77,478	1/2	65,396	1/2	53,314	1/2	41,232	1/2	29,408	1/2	17,362	1/2	5,289	1/2					
3/4	77,226	3/4	65,144	3/4	53,062	3/4	40,980	3/4	29,164	3/4	17,111	3/4	5,039	3/4					
1	76,974	1	64,892	1	52,810	1	40,729	1	28,919	1	16,859	1	4,790	1					
1/4	76,723	1/4	64,641	1/4	52,559	1/4	40,477	1/4	28,675	1/4	16,607	1/4	4,541	1/4					
1/2	76,471	1/2	64,389	1/2	52,307	1/2	40,225	1/2	28,430	1/2	16,356	1/2	4,293	1/2					
3/4	76,219	3/4	64,137	3/4	52,055	3/4	39,973	3/4	28,185	3/4	16,104	3/4	4,044	3/4					
2	75,967	2	63,886	2	51,804	2	39,722	2	27,934	2	15,852	2	3,797	2					
1/4	75,716	1/4	63,634	1/4	51,552	1/4	39,470	1/4	27,682	1/4	15,601	1/4	3,550	1/4					
1/2	75,464	1/2	63,382	1/2	51,300	1/2	39,218	1/2	27,430	1/2	15,349	1/2	3,304	1/2					
3/4	75,212	3/4	63,130	3/4	51,048	3/4	38,967	3/4	27,179	3/4	15,097	3/4	3,057	3/4					
3	74,961	3	62,879	3	50,797	3	38,715	3	26,927	3	14,845	3	2,827	3					
1/4	74,709	1/4	62,627	1/4	50,545	1/4	38,463	1/4	26,675	1/4	14,594	1/4	2,597	1/4					
1/2	74,457	1/2	62,375	1/2	50,293	1/2	38,211	1/2	26,424	1/2	14,342	1/2	2,367	1/2					
3/4	74,206	3/4	62,124	3/4	50,042	3/4	37,960	3/4	26,172	3/4	14,090	3/4	2,137	3/4					
4	73,954	4	61,872	4	49,790	4	37,715	4	25,920	4	13,839	4	1,948	4					
1/4	73,702	1/4	61,620	1/4	49,538	1/4	37,470	1/4	25,668	1/4	13,587	1/4	1,759	1/4					
1/2	73,450	1/2	61,368	1/2	49,287	1/2	37,226	1/2	25,417	1/2	13,335	1/2	1,570	1/2					
3/4	73,199	3/4	61,117	3/4	49,035	3/4	36,981	3/4	25,165	3/4	13,084	3/4	1,382	3/4					
5	72,947	5	60,865	5	48,783	5	36,737	5	24,913	5	12,832	5	1,235	5					
1/4	72,695	1/4	60,613	1/4	48,531	1/4	36,493	1/4	24,662	1/4	12,580	1/4	1,088	1/4					
1/2	72,444	1/2	60,362	1/2	48,280	1/2	36,248	1/2	24,410	1/2	12,328	1/2	941	1/2					
3/4	72,192	3/4	60,110	3/4	48,028	3/4	36,004	3/4	24,158	3/4	12,077	3/4	794	3/4					
6	71,940	6	59,858	6	47,776	6	35,760	6	23,907	6	11,825	6	689	6					
1/4	71,688	1/4	59,607	1/4	47,525	1/4	35,515	1/4	23,655	1/4	11,573	1/4	585	1/4					
1/2	71,437	1/2	59,355	1/2	47,273	1/2	35,271	1/2	23,403	1/2	11,322	1/2	480	1/2					
3/4	71,185	3/4	59,103	3/4	47,021	3/4	35,027	3/4	23,151	3/4	11,070	3/4	375	3/4					
7	70,933	7	58,851	7	46,769	7	34,783	7	22,900	7	10,818	7	312	7					
1/4	70,682	1/4	58,600	1/4	46,518	1/4	34,538	1/4	22,648	1/4	10,567	1/4	249	1/4					
1/2	70,430	1/2	58,348	1/2	46,266	1/2	34,294	1/2	22,396	1/2	10,315	1/2	186	1/2					
3/4	70,178	3/4	58,096	3/4	46,014	3/4	34,050	3/4	22,145	3/4	10,063	3/4	123	3/4					
8	69,927	8	57,845	8	45,763	8	33,805	8	21,893	8	9,811	8	102	8					
1/4	69,675	1/4	57,593	1/4	45,511	1/4	33,561	1/4	21,641	1/4	9,560	1/4	81	1/4					
1/2	69,423	1/2	57,341	1/2	45,259	1/2	33,317	1/2	21,390	1/2	9,308	1/2	60	1/2					
3/4	69,171	3/4	57,089	3/4	45,008	3/4	33,073	3/4	21,138	3/4	9,056	3/4	39	3/4					
9	68,920	9	56,838	9	44,756	9	32,828	9	20,886	9	8,805	9		9					
1/4	68,668	1/4	56,586	1/4	44,504	1/4	32,584	1/4	20,635	1/4	8,553	1/4		1/4					
1/2	68,416	1/2	56,334	1/2	44,252	1/2	32,340	1/2	20,383	1/2	8,301	1/2		1/2					
3/4	68,165	3/4	56,083	3/4	44,001	3/4	32,095	3/4	20,131	3/4	8,050	3/4		3/4					
10	67,913	10	55,831	10	43,749	10	31,851	10	19,879	10	7,798	10		10					
1/4	67,661	1/4	55,579	1/4	43,497	1/4	31,607	1/4	19,628	1/4	7,547	1/4		1/4					
1/2	67,409	1/2	55,328	1/2	43,246	1/2	31,363	1/2	19,376	1/2	7,295	1/2		1/2					
3/4	67,158	3/4	55,076	3/4	42,994	3/4	31,118	3/4	19,124	3/4	7,044	3/4		3/4					
11	66,906	11	54,824	11	42,742	11	30,874	11	18,873	11	6,793	11		11					
1/4	66,654	1/4	54,572	1/4	42,490	1/4	30,630	1/4	18,621	1/4	6,542	1/4		1/4					
1/2	66,403	1/2	54,321	1/2	42,239	1/2	30,385	1/2	18,369	1/2	6,291	1/2		1/2					
3/4	66,151	3/4	54,069	3/4	41,987	3/4	30,141	3/4	18,118	3/4	6,040	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/01/2014 CL  
CALCULATED: 04/01/2014 CL  
PRINTED: 04/01/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "CBC 1374"

## 3 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	144,156	0	133,499	0	122,821	0	112,101	0	101,381	0	90,661	0	79,940		
1/4	1/4	1/4	1/4	1/4	133,936	1/4	122,597	1/4	111,877	1/4	101,157	1/4	90,437	1/4	79,717				
1/2	1/2	1/2	1/2	1/2	151,598	1/2	143,716	1/2	133,055	1/2	122,374	1/2	111,654	1/2	100,934	1/2	90,214	1/2	79,493
3/4	3/4	3/4	3/4	3/4	151,583	3/4	143,494	3/4	132,833	3/4	122,151	3/4	111,431	3/4	100,711	3/4	89,991	3/4	79,270
1	1	1	1	1	151,568	1	143,272	1	132,611	1	121,927	1	111,207	1	100,487	1	89,767	1	79,047
1/4	1/4	1/4	1/4	1/4	151,552	1/4	143,050	1/4	132,389	1/4	121,704	1/4	110,984	1/4	100,264	1/4	89,544	1/4	78,823
1/2	1/2	1/2	1/2	1/2	151,537	1/2	142,828	1/2	132,166	1/2	121,481	1/2	110,761	1/2	100,041	1/2	89,321	1/2	78,600
3/4	3/4	3/4	3/4	3/4	151,485	3/4	142,606	3/4	131,944	3/4	121,257	3/4	110,537	3/4	99,817	3/4	89,097	3/4	78,377
2	2	2	2	2	151,432	2	142,383	2	131,722	2	121,034	2	110,314	2	99,594	2	88,874	2	78,153
1/4	1/4	1/4	1/4	1/4	151,380	1/4	142,161	1/4	131,500	1/4	120,811	1/4	110,091	1/4	99,371	1/4	88,651	1/4	77,930
1/2	1/2	1/2	1/2	1/2	151,327	1/2	141,939	1/2	131,278	1/2	120,587	1/2	109,867	1/2	99,147	1/2	88,427	1/2	77,707
3/4	3/4	3/4	3/4	3/4	151,237	3/4	141,717	3/4	131,056	3/4	120,364	3/4	109,644	3/4	98,924	3/4	88,204	3/4	77,483
3	3	3	3	3	151,148	3	141,495	3	130,834	3	120,141	3	109,421	3	98,701	3	87,981	3	77,260
1/4	1/4	1/4	1/4	1/4	151,058	1/4	141,273	1/4	130,612	1/4	119,197	1/4	109,197	1/4	98,477	1/4	87,757	1/4	77,036
1/2	1/2	1/2	1/2	1/2	150,968	1/2	141,051	1/2	130,390	1/2	119,694	1/2	108,974	1/2	98,254	1/2	87,534	1/2	76,813
3/4	3/4	3/4	3/4	3/4	150,841	3/4	140,829	3/4	130,168	3/4	119,471	3/4	108,751	3/4	98,031	3/4	87,311	3/4	76,590
4	4	4	4	4	150,714	4	140,607	4	129,945	4	119,247	4	108,527	4	97,807	4	87,087	4	76,366
1/4	1/4	1/4	1/4	1/4	150,587	1/4	140,385	1/4	129,723	1/4	119,024	1/4	108,304	1/4	97,584	1/4	86,864	1/4	76,143
1/2	1/2	1/2	1/2	1/2	150,460	1/2	140,162	1/2	129,501	1/2	118,801	1/2	108,081	1/2	97,361	1/2	86,641	1/2	75,920
3/4	3/4	3/4	3/4	3/4	150,296	3/4	139,940	3/4	129,279	3/4	118,577	3/4	107,857	3/4	97,137	3/4	86,417	3/4	75,696
5	5	5	5	5	150,132	5	139,718	5	129,057	5	118,354	5	107,634	5	96,914	5	86,194	5	75,473
1/4	1/4	1/4	1/4	1/4	149,967	1/4	139,496	1/4	128,835	1/4	118,131	1/4	107,411	1/4	96,691	1/4	85,971	1/4	75,249
1/2	1/2	1/2	1/2	1/2	149,803	1/2	139,274	1/2	128,613	1/2	117,907	1/2	107,187	1/2	96,467	1/2	85,747	1/2	75,026
3/4	3/4	3/4	3/4	3/4	149,602	3/4	139,052	3/4	128,391	3/4	117,684	3/4	106,964	3/4	96,244	3/4	85,524	3/4	74,803
6	6	6	6	6	149,400	6	138,830	6	128,169	6	117,461	6	106,741	6	96,021	6	85,301	6	74,579
1/4	1/4	1/4	1/4	1/4	149,199	1/4	138,608	1/4	127,946	1/4	117,237	1/4	106,517	1/4	95,797	1/4	85,077	1/4	74,356
1/2	1/2	1/2	1/2	1/2	148,997	1/2	138,386	1/2	127,724	1/2	117,014	1/2	106,294	1/2	95,574	1/2	84,854	1/2	74,133
3/4	3/4	3/4	3/4	3/4	148,777	3/4	138,163	3/4	127,502	3/4	116,791	3/4	106,071	3/4	95,351	3/4	84,631	3/4	73,909
7	7	7	7	7	148,557	7	137,941	7	127,280	7	116,567	7	105,847	7	95,127	7	84,407	7	73,686
1/4	1/4	1/4	1/4	1/4	148,337	1/4	137,719	1/4	127,058	1/4	116,344	1/4	105,624	1/4	94,904	1/4	84,184	1/4	73,462
1/2	1/2	1/2	1/2	1/2	148,117	1/2	137,497	1/2	126,836	1/2	116,121	1/2	105,401	1/2	94,681	1/2	83,961	1/2	73,239
3/4	3/4	3/4	3/4	3/4	147,897	3/4	137,275	3/4	126,614	3/4	115,897	3/4	105,177	3/4	94,457	3/4	83,737	3/4	73,016
8	8	8	8	8	147,677	8	137,053	8	126,392	8	115,674	8	104,954	8	94,234	8	83,514	8	72,792
1/4	1/4	1/4	1/4	1/4	147,457	1/4	136,831	1/4	126,170	1/4	115,451	1/4	104,731	1/4	94,011	1/4	83,291	1/4	72,569
1/2	1/2	1/2	1/2	1/2	147,237	1/2	136,609	1/2	125,947	1/2	115,227	1/2	104,507	1/2	93,787	1/2	83,067	1/2	72,346
3/4	3/4	3/4	3/4	3/4	147,017	3/4	136,387	3/4	125,724	3/4	115,004	3/4	104,284	3/4	93,564	3/4	82,844	3/4	72,122
9	9	9	9	9	146,797	9	136,164	9	125,501	9	114,781	9	104,061	9	93,341	9	82,621	9	71,899
1/4	1/4	1/4	1/4	1/4	146,577	1/4	135,942	1/4	125,277	1/4	114,557	1/4	103,837	1/4	93,117	1/4	82,397	1/4	71,676
1/2	1/2	1/2	1/2	1/2	146,357	1/2	135,720	1/2	125,054	1/2	114,334	1/2	103,614	1/2	92,894	1/2	82,174	1/2	71,452
3/4	3/4	3/4	3/4	3/4	146,137	3/4	135,498	3/4	124,831	3/4	114,111	3/4	103,391	3/4	92,671	3/4	81,951	3/4	71,229
10	10	10	10	10	145,917	10	135,276	10	124,607	10	113,887	10	103,167	10	92,447	10	81,727	10	71,005
1/4	1/4	1/4	1/4	1/4	145,697	1/4	135,054	1/4	124,384	1/4	113,664	1/4	102,944	1/4	92,224	1/4	81,504	1/4	70,782
1/2	1/2	1/2	1/2	1/2	145,477	1/2	134,832	1/2	124,161	1/2	113,441	1/2	102,721	1/2	92,001	1/2	81,280	1/2	70,559
3/4	3/4	3/4	3/4	3/4	145,257	3/4	134,610	3/4	123,937	3/4	113,217	3/4	102,497	3/4	91,777	3/4	81,057	3/4	70,335
11	11	11	11	11	145,036	11	134,388	11	123,714	11	112,994	11	102,274	11	91,554	11	80,834	11	70,112
1/4	1/4	1/4	1/4	1/4	144,816	1/4	134,165	1/4	123,491	1/4	112,771	1/4	102,051	1/4	91,331	1/4	80,610	1/4	69,889
1/2	1/2	1/2	1/2	1/2	144,596	1/2	133,943	1/2	123,267	1/2	112,547	1/2	101,827	1/2	91,107	1/2	80,387	1/2	69,665
3/4	3/4	3/4	3/4	3/4	144,376	3/4	133,721	3/4	123,044	3/4	112,324	3/4	101,604	3/4	90,884	3/4	80,164	3/4	69,442

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE  
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
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# BARGE "CBC 1374"

## 3 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	69,218	0	58,497	0	47,775	0	37,053	0	26,353	0	15,636	0	4,920	0		0		0	
1/4	68,995	1/4	58,273	1/4	47,551	1/4	36,830	1/4	26,130	1/4	15,412	1/4	4,698	1/4		1/4		1/4	
1/2	68,772	1/2	58,050	1/2	47,328	1/2	36,606	1/2	25,907	1/2	15,189	1/2	4,476	1/2		1/2		1/2	
3/4	68,548	3/4	57,826	3/4	47,105	3/4	36,383	3/4	25,684	3/4	14,965	3/4	4,255	3/4		3/4		3/4	
1	68,325	1	57,603	1	46,881	1	36,159	1	25,461	1	14,742	1	4,035	1		1		1	
1/4	68,102	1/4	57,380	1/4	46,658	1/4	35,936	1/4	25,238	1/4	14,519	1/4	3,814	1/4		1/4		1/4	
1/2	67,878	1/2	57,156	1/2	46,435	1/2	35,713	1/2	25,015	1/2	14,295	1/2	3,593	1/2		1/2		1/2	
3/4	67,655	3/4	56,933	3/4	46,211	3/4	35,489	3/4	24,792	3/4	14,072	3/4	3,374	3/4		3/4		3/4	
2	67,431	2	56,710	2	45,988	2	35,266	2	24,569	2	13,849	2	3,155	2		2		2	
1/4	67,208	1/4	56,486	1/4	45,764	1/4	35,043	1/4	24,346	1/4	13,625	1/4	2,936	1/4		1/4		1/4	
1/2	66,985	1/2	56,263	1/2	45,541	1/2	34,819	1/2	24,123	1/2	13,402	1/2	2,717	1/2		1/2		1/2	
3/4	66,761	3/4	56,040	3/4	45,318	3/4	34,596	3/4	23,900	3/4	13,179	3/4	2,513	3/4		3/4		3/4	
3	66,538	3	55,816	3	45,094	3	34,373	3	23,677	3	12,955	3	2,309	3		3		3	
1/4	66,315	1/4	55,593	1/4	44,871	1/4	34,149	1/4	23,453	1/4	12,732	1/4	2,105	1/4		1/4		1/4	
1/2	66,091	1/2	55,369	1/2	44,648	1/2	33,926	1/2	23,230	1/2	12,508	1/2	1,901	1/2		1/2		1/2	
3/4	65,868	3/4	55,146	3/4	44,424	3/4	33,702	3/4	23,007	3/4	12,285	3/4	1,733	3/4		3/4		3/4	
4	65,644	4	54,923	4	44,201	4	33,479	4	22,783	4	12,062	4	1,566	4		4		4	
1/4	65,421	1/4	54,699	1/4	43,977	1/4	33,256	1/4	22,560	1/4	11,838	1/4	1,398	1/4		1/4		1/4	
1/2	65,198	1/2	54,476	1/2	43,754	1/2	33,032	1/2	22,336	1/2	11,615	1/2	1,230	1/2		1/2		1/2	
3/4	64,974	3/4	54,253	3/4	43,531	3/4	32,810	3/4	22,113	3/4	11,392	3/4	1,100	3/4		3/4		3/4	
5	64,751	5	54,029	5	43,307	5	32,587	5	21,890	5	11,168	5	970	5		5		5	
1/4	64,528	1/4	53,806	1/4	43,084	1/4	32,364	1/4	21,666	1/4	10,945	1/4	840	1/4		1/4		1/4	
1/2	64,304	1/2	53,582	1/2	42,861	1/2	32,142	1/2	21,443	1/2	10,722	1/2	709	1/2		1/2		1/2	
3/4	64,081	3/4	53,359	3/4	42,637	3/4	31,919	3/4	21,220	3/4	10,498	3/4	616	3/4		3/4		3/4	
6	63,858	6	53,136	6	42,414	6	31,696	6	20,996	6	10,275	6	523	6		6		6	
1/4	63,634	1/4	52,912	1/4	42,191	1/4	31,474	1/4	20,773	1/4	10,052	1/4	430	1/4		1/4		1/4	
1/2	63,411	1/2	52,689	1/2	41,967	1/2	31,251	1/2	20,550	1/2	9,828	1/2	337	1/2		1/2		1/2	
3/4	63,187	3/4	52,466	3/4	41,744	3/4	31,028	3/4	20,326	3/4	9,605	3/4	281	3/4		3/4		3/4	
7	62,964	7	52,242	7	41,520	7	30,806	7	20,103	7	9,381	7	225	7		7		7	
1/4	62,741	1/4	52,019	1/4	41,297	1/4	30,583	1/4	19,879	1/4	9,158	1/4	170	1/4		1/4		1/4	
1/2	62,517	1/2	51,795	1/2	41,074	1/2	30,360	1/2	19,656	1/2	8,935	1/2	114	1/2		1/2		1/2	
3/4	62,294	3/4	51,572	3/4	40,850	3/4	30,138	3/4	19,433	3/4	8,711	3/4	95	3/4		3/4		3/4	
8	62,071	8	51,349	8	40,627	8	29,915	8	19,209	8	8,488	8	77	8		8		8	
1/4	61,847	1/4	51,125	1/4	40,404	1/4	29,693	1/4	18,986	1/4	8,265	1/4	58	1/4		1/4		1/4	
1/2	61,624	1/2	50,902	1/2	40,180	1/2	29,470	1/2	18,763	1/2	8,041	1/2	39	1/2		1/2		1/2	
3/4	61,400	3/4	50,679	3/4	39,957	3/4	29,247	3/4	18,539	3/4	7,818	3/4		3/4		3/4		3/4	
9	61,177	9	50,455	9	39,733	9	29,025	9	18,316	9	7,595	9		9		9		9	
1/4	60,954	1/4	50,232	1/4	39,510	1/4	28,802	1/4	18,093	1/4	7,371	1/4		1/4		1/4		1/4	
1/2	60,730	1/2	50,009	1/2	39,287	1/2	28,579	1/2	17,869	1/2	7,148	1/2		1/2		1/2		1/2	
3/4	60,507	3/4	49,785	3/4	39,063	3/4	28,357	3/4	17,646	3/4	6,925	3/4		3/4		3/4		3/4	
10	60,284	10	49,562	10	38,840	10	28,134	10	17,422	10	6,702	10		10		10		10	
1/4	60,060	1/4	49,338	1/4	38,617	1/4	27,911	1/4	17,199	1/4	6,478	1/4		1/4		1/4		1/4	
1/2	59,837	1/2	49,115	1/2	38,393	1/2	27,689	1/2	16,976	1/2	6,255	1/2		1/2		1/2		1/2	
3/4	59,613	3/4	48,892	3/4	38,170	3/4	27,466	3/4	16,752	3/4	6,033	3/4		3/4		3/4		3/4	
11	59,390	11	48,668	11	37,946	11	27,243	11	16,529	11	5,810	11		11		11		11	
1/4	59,167	1/4	48,445	1/4	37,723	1/4	27,021	1/4	16,306	1/4	5,587	1/4		1/4		1/4		1/4	
1/2	58,943	1/2	48,222	1/2	37,500	1/2	26,798	1/2	16,082	1/2	5,364	1/2		1/2		1/2		1/2	
3/4	58,720	3/4	47,998	3/4	37,276	3/4	26,575	3/4	15,859	3/4	5,142	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/01/2014 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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