



BARGE "CBC 1355"

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	00-0/8	- 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
2 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 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"

November 28, 2012

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

<http://www.pmacorp.net>



BARGE "CBC 1355"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	8,077	0	18,847	0	29,466	0	40,115	0	50,857	0	61,599	0	72,317	0	83,038	0	93,783
1/4	58	1/4	8,301	1/4	19,071	1/4	29,684	1/4	40,339	1/4	51,081	1/4	61,822	1/4	72,540	1/4	83,262	1/4	94,007
1/2	77	1/2	8,526	1/2	19,295	1/2	29,902	1/2	40,563	1/2	51,304	1/2	62,046	1/2	72,762	1/2	83,486	1/2	94,231
3/4	95	3/4	8,750	3/4	19,520	3/4	30,120	3/4	40,786	3/4	51,528	3/4	62,270	3/4	72,985	3/4	83,709	3/4	94,455
1	114	1	8,974	1	19,744	1	30,338	1	41,010	1	51,752	1	62,494	1	73,207	1	83,933	1	94,678
1/4	170	1/4	9,199	1/4	19,968	1/4	30,556	1/4	41,234	1/4	51,976	1/4	62,718	1/4	73,430	1/4	84,157	1/4	94,902
1/2	226	1/2	9,423	1/2	20,193	1/2	30,774	1/2	41,458	1/2	52,200	1/2	62,941	1/2	73,652	1/2	84,381	1/2	95,126
3/4	282	3/4	9,647	3/4	20,417	3/4	30,992	3/4	41,682	3/4	52,423	3/4	63,165	3/4	73,874	3/4	84,605	3/4	95,350
2	338	2	9,872	2	20,642	2	31,210	2	41,905	2	52,647	2	63,389	2	74,097	2	84,829	2	95,574
1/4	432	1/4	10,096	1/4	20,866	1/4	31,428	1/4	42,129	1/4	52,871	1/4	63,613	1/4	74,319	1/4	85,053	1/4	95,798
1/2	525	1/2	10,321	1/2	21,090	1/2	31,646	1/2	42,353	1/2	53,095	1/2	63,837	1/2	74,542	1/2	85,276	1/2	96,021
3/4	619	3/4	10,545	3/4	21,315	3/4	31,864	3/4	42,577	3/4	53,319	3/4	64,060	3/4	74,764	3/4	85,500	3/4	96,245
3	712	3	10,769	3	21,539	3	32,082	3	42,801	3	53,542	3	64,284	3	74,987	3	85,724	3	96,469
1/4	843	1/4	10,994	1/4	21,763	1/4	32,300	1/4	43,024	1/4	53,766	1/4	64,508	1/4	75,209	1/4	85,948	1/4	96,693
1/2	974	1/2	11,218	1/2	21,988	1/2	32,518	1/2	43,248	1/2	53,990	1/2	64,732	1/2	75,432	1/2	86,172	1/2	96,917
3/4	1,105	3/4	11,442	3/4	22,212	3/4	32,736	3/4	43,472	3/4	54,214	3/4	64,956	3/4	75,654	3/4	86,396	3/4	97,141
4	1,236	4	11,667	4	22,436	4	32,954	4	43,696	4	54,438	4	65,179	4	75,876	4	86,620	4	97,365
1/4	1,404	1/4	11,891	1/4	22,661	1/4	33,178	1/4	43,919	1/4	54,661	1/4	65,403	1/4	76,100	1/4	86,843	1/4	97,588
1/2	1,572	1/2	12,116	1/2	22,885	1/2	33,401	1/2	44,143	1/2	54,885	1/2	65,627	1/2	76,323	1/2	87,067	1/2	97,812
3/4	1,740	3/4	12,340	3/4	23,110	3/4	33,625	3/4	44,367	3/4	55,109	3/4	65,851	3/4	76,546	3/4	87,291	3/4	98,036
5	1,909	5	12,564	5	23,334	5	33,849	5	44,591	5	55,333	5	66,074	5	76,769	5	87,515	5	98,260
1/4	2,114	1/4	12,789	1/4	23,558	1/4	34,073	1/4	44,815	1/4	55,556	1/4	66,298	1/4	76,993	1/4	87,739	1/4	98,484
1/2	2,319	1/2	13,013	1/2	23,783	1/2	34,297	1/2	45,038	1/2	55,780	1/2	66,522	1/2	77,217	1/2	87,963	1/2	98,708
3/4	2,524	3/4	13,237	3/4	24,007	3/4	34,520	3/4	45,262	3/4	56,004	3/4	66,746	3/4	77,441	3/4	88,187	3/4	98,932
6	2,729	6	13,462	6	24,231	6	34,744	6	45,486	6	56,228	6	66,970	6	77,664	6	88,410	6	99,155
1/4	2,949	1/4	13,686	1/4	24,450	1/4	34,968	1/4	45,710	1/4	56,452	1/4	67,193	1/4	77,888	1/4	88,634	1/4	99,379
1/2	3,169	1/2	13,910	1/2	24,668	1/2	35,192	1/2	45,934	1/2	56,675	1/2	67,416	1/2	78,112	1/2	88,858	1/2	99,603
3/4	3,389	3/4	14,135	3/4	24,887	3/4	35,416	3/4	46,157	3/4	56,899	3/4	67,639	3/4	78,336	3/4	89,082	3/4	99,827
7	3,608	7	14,359	7	25,105	7	35,639	7	46,381	7	57,123	7	67,862	7	78,560	7	89,306	7	100,051
1/4	3,830	1/4	14,584	1/4	25,323	1/4	35,863	1/4	46,605	1/4	57,347	1/4	68,086	1/4	78,784	1/4	89,530	1/4	100,275
1/2	4,052	1/2	14,808	1/2	25,542	1/2	36,087	1/2	46,829	1/2	57,571	1/2	68,309	1/2	79,008	1/2	89,754	1/2	100,499
3/4	4,274	3/4	15,032	3/4	25,760	3/4	36,311	3/4	47,053	3/4	57,794	3/4	68,532	3/4	79,232	3/4	89,977	3/4	100,722
8	4,496	8	15,257	8	25,978	8	36,535	8	47,276	8	58,018	8	68,755	8	79,456	8	90,201	8	100,946
1/4	4,719	1/4	15,481	1/4	26,196	1/4	36,758	1/4	47,500	1/4	58,242	1/4	68,978	1/4	79,679	1/4	90,425	1/4	101,170
1/2	4,942	1/2	15,705	1/2	26,414	1/2	36,982	1/2	47,724	1/2	58,466	1/2	69,202	1/2	79,903	1/2	90,649	1/2	101,394
3/4	5,165	3/4	15,930	3/4	26,632	3/4	37,206	3/4	47,948	3/4	58,689	3/4	69,425	3/4	80,127	3/4	90,873	3/4	101,618
9	5,388	9	16,154	9	26,850	9	37,430	9	48,171	9	58,913	9	69,648	9	80,351	9	91,097	9	101,842
1/4	5,612	1/4	16,379	1/4	27,068	1/4	37,653	1/4	48,395	1/4	59,137	1/4	69,870	1/4	80,575	1/4	91,321	1/4	102,066
1/2	5,835	1/2	16,603	1/2	27,286	1/2	37,877	1/2	48,619	1/2	59,361	1/2	70,093	1/2	80,799	1/2	91,544	1/2	102,289
3/4	6,059	3/4	16,827	3/4	27,504	3/4	38,101	3/4	48,843	3/4	59,585	3/4	70,315	3/4	81,023	3/4	91,768	3/4	102,513
10	6,283	10	17,052	10	27,722	10	38,325	10	49,067	10	59,808	10	70,538	10	81,247	10	91,992	10	102,737
1/4	6,507	1/4	17,276	1/4	27,940	1/4	38,549	1/4	49,290	1/4	60,032	1/4	70,760	1/4	81,471	1/4	92,216	1/4	102,961
1/2	6,731	1/2	17,500	1/2	28,158	1/2	38,772	1/2	49,514	1/2	60,256	1/2	70,983	1/2	81,694	1/2	92,440	1/2	103,185
3/4	6,955	3/4	17,725	3/4	28,376	3/4	38,996	3/4	49,738	3/4	60,480	3/4	71,205	3/4	81,918	3/4	92,664	3/4	103,409
11	7,180	11	17,949	11	28,594	11	39,220	11	49,962	11	60,704	11	71,428	11	82,142	11	92,888	11	103,633
1/4	7,404	1/4	18,173	1/4	28,812	1/4	39,444	1/4	50,186	1/4	60,927	1/4	71,650	1/4	82,366	1/4	93,111	1/4	103,856
1/2	7,628	1/2	18,398	1/2	29,030	1/2	39,668	1/2	50,409	1/2	61,151	1/2	71,872	1/2	82,590	1/2	93,335	1/2	104,080
3/4	7,853	3/4	18,622	3/4	29,248	3/4	39,891	3/4	50,633	3/4	61,375	3/4	72,095	3/4	82,814	3/4	93,559	3/4	104,304

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1355"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	104,528	0	114,611	0	124,054	0	133,455	0	142,840	0		0		0		0		0	
1/4	104,752	1/4	114,808	1/4	124,250	1/4	133,651	1/4	143,034	1/4		1/4		1/4		1/4		1/4	
1/2	104,975	1/2	115,004	1/2	124,446	1/2	133,847	1/2	143,228	1/2		1/2		1/2		1/2		1/2	
3/4	105,199	3/4	115,201	3/4	124,643	3/4	134,044	3/4	143,422	3/4		3/4		3/4		3/4		3/4	
1	105,422	1	115,398	1	124,839	1	134,240	1	143,616	1		1		1		1		1	
1/4	105,646	1/4	115,595	1/4	125,035	1/4	134,436	1/4	143,810	1/4		1/4		1/4		1/4		1/4	
1/2	105,870	1/2	115,791	1/2	125,231	1/2	134,632	1/2	144,005	1/2		1/2		1/2		1/2		1/2	
3/4	106,093	3/4	115,988	3/4	125,427	3/4	134,828	3/4	144,199	3/4		3/4		3/4		3/4		3/4	
2	106,317	2	116,185	2	125,624	2	135,025	2	144,393	2		2		2		2		2	
1/4	106,541	1/4	116,382	1/4	125,820	1/4	135,221	1/4	144,596	1/4		1/4		1/4		1/4		1/4	
1/2	106,764	1/2	116,578	1/2	126,016	1/2	135,417	1/2	144,799	1/2		1/2		1/2		1/2		1/2	
3/4	106,988	3/4	116,775	3/4	126,212	3/4	135,613	3/4	145,002	3/4		3/4		3/4		3/4		3/4	
3	107,211	3	116,972	3	126,408	3	135,809	3	145,205	3		3		3		3		3	
1/4	107,435	1/4	117,168	1/4	126,605	1/4	136,006	1/4	145,371	1/4		1/4		1/4		1/4		1/4	
1/2	107,659	1/2	117,365	1/2	126,801	1/2	136,202	1/2	145,536	1/2		1/2		1/2		1/2		1/2	
3/4	107,882	3/4	117,562	3/4	126,997	3/4	136,398	3/4	145,702	3/4		3/4		3/4		3/4		3/4	
4	108,106	4	117,759	4	127,193	4	136,594	4	145,867	4		4		4		4		4	
1/4	108,329	1/4	117,955	1/4	127,389	1/4	136,790	1/4	145,996	1/4		1/4		1/4		1/4		1/4	
1/2	108,553	1/2	118,152	1/2	127,586	1/2	136,987	1/2	146,124	1/2		1/2		1/2		1/2		1/2	
3/4	108,777	3/4	118,349	3/4	127,782	3/4	137,183	3/4	146,252	3/4		3/4		3/4		3/4		3/4	
5	109,000	5	118,546	5	127,978	5	137,379	5	146,380	5		5		5		5		5	
1/4	109,224	1/4	118,742	1/4	128,174	1/4	137,575	1/4	146,471	1/4		1/4		1/4		1/4		1/4	
1/2	109,447	1/2	118,939	1/2	128,370	1/2	137,771	1/2	146,562	1/2		1/2		1/2		1/2		1/2	
3/4	109,671	3/4	119,136	3/4	128,567	3/4	137,968	3/4	146,653	3/4		3/4		3/4		3/4		3/4	
6	109,895	6	119,332	6	128,763	6	138,164	6	146,744	6		6		6		6		6	
1/4	110,091	1/4	119,529	1/4	128,958	1/4	138,360	1/4	146,797	1/4		1/4		1/4		1/4		1/4	
1/2	110,288	1/2	119,726	1/2	129,154	1/2	138,556	1/2	146,851	1/2		1/2		1/2		1/2		1/2	
3/4	110,484	3/4	119,923	3/4	129,349	3/4	138,752	3/4	146,904	3/4		3/4		3/4		3/4		3/4	
7	110,681	7	120,119	7	129,545	7	138,949	7	146,957	7		7		7		7		7	
1/4	110,877	1/4	120,316	1/4	129,740	1/4	139,145	1/4	146,973	1/4		1/4		1/4		1/4		1/4	
1/2	111,074	1/2	120,513	1/2	129,936	1/2	139,341	1/2	146,990	1/2		1/2		1/2		1/2		1/2	
3/4	111,270	3/4	120,710	3/4	130,131	3/4	139,537	3/4	147,006	3/4		3/4		3/4		3/4		3/4	
8	111,467	8	120,906	8	130,327	8	139,734	8	147,022	8		8		8		8		8	
1/4	111,663	1/4	121,103	1/4	130,522	1/4	139,928	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,860	1/2	121,300	1/2	130,718	1/2	140,122	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,056	3/4	121,496	3/4	130,913	3/4	140,316	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,253	9	121,693	9	131,109	9	140,510	9		9		9		9		9		9	
1/4	112,449	1/4	121,890	1/4	131,304	1/4	140,704	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,646	1/2	122,087	1/2	131,500	1/2	140,898	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,842	3/4	122,283	3/4	131,695	3/4	141,092	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,039	10	122,480	10	131,891	10	141,287	10		10		10		10		10		10	
1/4	113,235	1/4	122,677	1/4	132,086	1/4	141,481	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,432	1/2	122,874	1/2	132,282	1/2	141,675	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,628	3/4	123,070	3/4	132,477	3/4	141,869	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,825	11	123,267	11	132,673	11	142,063	11		11		11		11		11		11	
1/4	114,021	1/4	123,464	1/4	132,868	1/4	142,257	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,218	1/2	123,660	1/2	133,064	1/2	142,451	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,414	3/4	123,857	3/4	133,259	3/4	142,646	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2012 CL - SW
CALCULATED: 11/28/2012 CL
PRINTED: 11/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 1355"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	9,042	0	21,103	0	33,018	0	44,934	0	56,996	0	69,058	0	81,120	0	93,182	0	105,242
1/4	60	1/4	9,293	1/4	21,354	1/4	33,262	1/4	45,185	1/4	57,247	1/4	69,309	1/4	81,371	1/4	93,433	1/4	105,493
1/2	81	1/2	9,544	1/2	21,606	1/2	33,506	1/2	45,436	1/2	57,498	1/2	69,560	1/2	81,623	1/2	93,685	1/2	105,745
3/4	102	3/4	9,795	3/4	21,857	3/4	33,750	3/4	45,688	3/4	57,750	3/4	69,812	3/4	81,874	3/4	93,936	3/4	105,996
1	123	1	10,047	1	22,108	1	33,994	1	45,939	1	58,001	1	70,063	1	82,125	1	94,187	1	106,247
1/4	186	1/4	10,298	1/4	22,360	1/4	34,238	1/4	46,190	1/4	58,252	1/4	70,314	1/4	82,376	1/4	94,438	1/4	106,498
1/2	249	1/2	10,549	1/2	22,611	1/2	34,482	1/2	46,441	1/2	58,504	1/2	70,566	1/2	82,628	1/2	94,690	1/2	106,750
3/4	311	3/4	10,801	3/4	22,862	3/4	34,725	3/4	46,693	3/4	58,755	3/4	70,817	3/4	82,879	3/4	94,941	3/4	107,001
2	374	2	11,052	2	23,113	2	34,969	2	46,944	2	59,006	2	71,068	2	83,130	2	95,192	2	107,252
1/4	479	1/4	11,303	1/4	23,365	1/4	35,213	1/4	47,195	1/4	59,257	1/4	71,319	1/4	83,382	1/4	95,443	1/4	107,503
1/2	584	1/2	11,554	1/2	23,616	1/2	35,457	1/2	47,447	1/2	59,509	1/2	71,571	1/2	83,633	1/2	95,695	1/2	107,755
3/4	688	3/4	11,806	3/4	23,867	3/4	35,701	3/4	47,698	3/4	59,760	3/4	71,822	3/4	83,884	3/4	95,946	3/4	108,006
3	793	3	12,057	3	24,119	3	35,945	3	47,949	3	60,011	3	72,073	3	84,135	3	96,197	3	108,257
1/4	940	1/4	12,308	1/4	24,370	1/4	36,189	1/4	48,200	1/4	60,263	1/4	72,325	1/4	84,387	1/4	96,448	1/4	108,508
1/2	1,086	1/2	12,560	1/2	24,621	1/2	36,433	1/2	48,452	1/2	60,514	1/2	72,576	1/2	84,638	1/2	96,700	1/2	108,760
3/4	1,233	3/4	12,811	3/4	24,872	3/4	36,677	3/4	48,703	3/4	60,765	3/4	72,827	3/4	84,889	3/4	96,951	3/4	109,011
4	1,379	4	13,062	4	25,124	4	36,920	4	48,954	4	61,016	4	73,079	4	85,141	4	97,202	4	109,262
1/4	1,568	1/4	13,313	1/4	25,375	1/4	37,165	1/4	49,206	1/4	61,268	1/4	73,330	1/4	85,392	1/4	97,453	1/4	109,513
1/2	1,756	1/2	13,565	1/2	25,626	1/2	37,409	1/2	49,457	1/2	61,519	1/2	73,581	1/2	85,643	1/2	97,705	1/2	109,765
3/4	1,945	3/4	13,816	3/4	25,878	3/4	37,653	3/4	49,708	3/4	61,770	3/4	73,832	3/4	85,895	3/4	97,956	3/4	110,016
5	2,133	5	14,067	5	26,129	5	37,897	5	49,960	5	62,022	5	74,084	5	86,146	5	98,207	5	110,267
1/4	2,363	1/4	14,319	1/4	26,380	1/4	38,149	1/4	50,211	1/4	62,273	1/4	74,335	1/4	86,397	1/4	98,458	1/4	110,518
1/2	2,593	1/2	14,570	1/2	26,631	1/2	38,400	1/2	50,462	1/2	62,524	1/2	74,586	1/2	86,648	1/2	98,710	1/2	110,770
3/4	2,822	3/4	14,821	3/4	26,883	3/4	38,651	3/4	50,713	3/4	62,776	3/4	74,838	3/4	86,900	3/4	98,961	3/4	111,021
6	3,052	6	15,072	6	27,134	6	38,903	6	50,965	6	63,027	6	75,089	6	87,151	6	99,212	6	111,272
1/4	3,298	1/4	15,324	1/4	27,385	1/4	39,154	1/4	51,216	1/4	63,278	1/4	75,340	1/4	87,402	1/4	99,463	1/4	111,523
1/2	3,544	1/2	15,575	1/2	27,637	1/2	39,405	1/2	51,467	1/2	63,529	1/2	75,591	1/2	87,654	1/2	99,715	1/2	111,775
3/4	3,791	3/4	15,826	3/4	27,888	3/4	39,656	3/4	51,719	3/4	63,781	3/4	75,843	3/4	87,905	3/4	99,966	3/4	112,026
7	4,037	7	16,078	7	28,139	7	39,908	7	51,970	7	64,032	7	76,094	7	88,156	7	100,217	7	112,277
1/4	4,286	1/4	16,329	1/4	28,383	1/4	40,159	1/4	52,221	1/4	64,283	1/4	76,345	1/4	88,407	1/4	100,468	1/4	112,528
1/2	4,534	1/2	16,580	1/2	28,628	1/2	40,410	1/2	52,472	1/2	64,535	1/2	76,597	1/2	88,659	1/2	100,720	1/2	112,780
3/4	4,782	3/4	16,831	3/4	28,872	3/4	40,662	3/4	52,724	3/4	64,786	3/4	76,848	3/4	88,910	3/4	100,971	3/4	113,031
8	5,031	8	17,083	8	29,116	8	40,913	8	52,975	8	65,037	8	77,099	8	89,161	8	101,222	8	113,282
1/4	5,281	1/4	17,334	1/4	29,360	1/4	41,164	1/4	53,226	1/4	65,288	1/4	77,351	1/4	89,413	1/4	101,473	1/4	113,533
1/2	5,530	1/2	17,585	1/2	29,604	1/2	41,416	1/2	53,478	1/2	65,540	1/2	77,602	1/2	89,664	1/2	101,725	1/2	113,785
3/4	5,780	3/4	17,836	3/4	29,848	3/4	41,667	3/4	53,729	3/4	65,791	3/4	77,853	3/4	89,915	3/4	101,976	3/4	114,036
9	6,030	9	18,088	9	30,092	9	41,918	9	53,980	9	66,042	9	78,104	9	90,167	9	102,227	9	114,287
1/4	6,281	1/4	18,339	1/4	30,336	1/4	42,169	1/4	54,232	1/4	66,294	1/4	78,356	1/4	90,418	1/4	102,478	1/4	114,538
1/2	6,531	1/2	18,590	1/2	30,579	1/2	42,421	1/2	54,483	1/2	66,545	1/2	78,607	1/2	90,669	1/2	102,730	1/2	114,790
3/4	6,782	3/4	18,842	3/4	30,823	3/4	42,672	3/4	54,734	3/4	66,796	3/4	78,858	3/4	90,920	3/4	102,981	3/4	115,041
10	7,032	10	19,093	10	31,067	10	42,923	10	54,985	10	67,047	10	79,110	10	91,172	10	103,232	10	115,292
1/4	7,283	1/4	19,344	1/4	31,311	1/4	43,175	1/4	55,237	1/4	67,299	1/4	79,361	1/4	91,423	1/4	103,483	1/4	115,543
1/2	7,534	1/2	19,595	1/2	31,555	1/2	43,426	1/2	55,488	1/2	67,550	1/2	79,612	1/2	91,674	1/2	103,735	1/2	115,795
3/4	7,785	3/4	19,847	3/4	31,799	3/4	43,677	3/4	55,739	3/4	67,801	3/4	79,863	3/4	91,926	3/4	103,986	3/4	116,046
11	8,036	11	20,098	11	32,043	11	43,928	11	55,991	11	68,053	11	80,115	11	92,177	11	104,237	11	116,297
1/4	8,288	1/4	20,349	1/4	32,287	1/4	44,180	1/4	56,242	1/4	68,304	1/4	80,366	1/4	92,428	1/4	104,488	1/4	116,548
1/2	8,539	1/2	20,601	1/2	32,531	1/2	44,431	1/2	56,493	1/2	68,555	1/2	80,617	1/2	92,679	1/2	104,740	1/2	116,800
3/4	8,790	3/4	20,852	3/4	32,774	3/4	44,682	3/4	56,744	3/4	68,807	3/4	80,869	3/4	92,931	3/4	104,991	3/4	117,051

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1355"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	117,302	0	129,362	0	141,422	0	153,415	0	165,371	0		0		0		0		0	
1/4	117,553	1/4	129,613	1/4	141,672	1/4	153,665	1/4	165,619	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,805	1/2	129,865	1/2	141,922	1/2	153,915	1/2	165,866	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,056	3/4	130,116	3/4	142,172	3/4	154,165	3/4	166,114	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,307	1	130,367	1	142,422	1	154,415	1	166,361	1	1	1	1	1	1	1	1	1	1
1/4	118,558	1/4	130,618	1/4	142,671	1/4	154,664	1/4	166,609	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,810	1/2	130,870	1/2	142,921	1/2	154,914	1/2	166,856	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,061	3/4	131,121	3/4	143,171	3/4	155,164	3/4	167,104	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,312	2	131,372	2	143,421	2	155,414	2	167,352	2	2	2	2	2	2	2	2	2	2
1/4	119,563	1/4	131,623	1/4	143,671	1/4	155,664	1/4	167,578	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,815	1/2	131,875	1/2	143,921	1/2	155,914	1/2	167,805	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,066	3/4	132,126	3/4	144,171	3/4	156,164	3/4	168,031	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,317	3	132,377	3	144,420	3	156,413	3	168,258	3	3	3	3	3	3	3	3	3	3
1/4	120,568	1/4	132,628	1/4	144,670	1/4	156,663	1/4	168,443	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,820	1/2	132,880	1/2	144,920	1/2	156,913	1/2	168,627	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,071	3/4	133,131	3/4	145,170	3/4	157,163	3/4	168,812	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,322	4	133,382	4	145,420	4	157,413	4	168,997	4	4	4	4	4	4	4	4	4	4
1/4	121,573	1/4	133,633	1/4	145,670	1/4	157,663	1/4	169,140	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,825	1/2	133,885	1/2	145,920	1/2	157,913	1/2	169,283	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,076	3/4	134,136	3/4	146,169	3/4	158,162	3/4	169,425	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,327	5	134,387	5	146,419	5	158,412	5	169,568	5	5	5	5	5	5	5	5	5	5
1/4	122,578	1/4	134,638	1/4	146,669	1/4	158,662	1/4	169,669	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,830	1/2	134,890	1/2	146,919	1/2	158,912	1/2	169,770	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,081	3/4	135,141	3/4	147,169	3/4	159,162	3/4	169,871	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,332	6	135,392	6	147,419	6	159,412	6	169,972	6	6	6	6	6	6	6	6	6	6
1/4	123,583	1/4	135,643	1/4	147,668	1/4	159,661	1/4	170,031	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,835	1/2	135,895	1/2	147,918	1/2	159,911	1/2	170,090	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,086	3/4	136,146	3/4	148,168	3/4	160,161	3/4	170,149	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,337	7	136,397	7	148,418	7	160,411	7	170,208	7	7	7	7	7	7	7	7	7	7
1/4	124,588	1/4	136,648	1/4	148,668	1/4	160,661	1/4	170,225	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,840	1/2	136,900	1/2	148,918	1/2	160,911	1/2	170,243	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,091	3/4	137,151	3/4	149,168	3/4	161,161	3/4	170,260	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,342	8	137,402	8	149,417	8	161,410	8	170,277	8	8	8	8	8	8	8	8	8	8
1/4	125,593	1/4	137,653	1/4	149,667	1/4	161,658	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,845	1/2	137,905	1/2	149,917	1/2	161,906	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,096	3/4	138,156	3/4	150,167	3/4	162,153	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,347	9	138,407	9	150,417	9	162,401	9		9	9	9	9	9	9	9	9	9	9
1/4	126,598	1/4	138,658	1/4	150,667	1/4	162,648	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,850	1/2	138,910	1/2	150,917	1/2	162,896	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,101	3/4	139,161	3/4	151,166	3/4	163,143	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,352	10	139,412	10	151,416	10	163,391	10		10	10	10	10	10	10	10	10	10	10
1/4	127,603	1/4	139,663	1/4	151,666	1/4	163,638	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,855	1/2	139,915	1/2	151,916	1/2	163,886	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,106	3/4	140,166	3/4	152,166	3/4	164,133	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,357	11	140,417	11	152,416	11	164,381	11		11	11	11	11	11	11	11	11	11	11
1/4	128,608	1/4	140,668	1/4	152,666	1/4	164,629	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,860	1/2	140,920	1/2	152,915	1/2	164,876	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,111	3/4	141,171	3/4	153,165	3/4	165,124	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2012 CL - SW
CALCULATED: 11/28/2012 CL
PRINTED: 11/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 1355"

3 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	8,041	0	18,763	0	29,470	0	40,180	0	50,902	0	61,624	0	72,346	0	83,068	0	93,788
1/4	58	1/4	8,265	1/4	18,986	1/4	29,693	1/4	40,404	1/4	51,126	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	29,915	1/2	40,627	1/2	51,349	1/2	62,071	1/2	72,793	1/2	83,514	1/2	94,235
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	83,738	3/4	94,458
1	114	1	8,935	1	19,656	1	30,361	1	41,074	1	51,796	1	62,518	1	73,239	1	83,961	1	94,681
1/4	170	1/4	9,158	1/4	19,880	1/4	30,583	1/4	41,297	1/4	52,019	1/4	62,741	1/4	73,463	1/4	84,184	1/4	94,905
1/2	225	1/2	9,381	1/2	20,103	1/2	30,806	1/2	41,521	1/2	52,242	1/2	62,964	1/2	73,686	1/2	84,408	1/2	95,128
3/4	281	3/4	9,605	3/4	20,326	3/4	31,029	3/4	41,744	3/4	52,466	3/4	63,188	3/4	73,910	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	95,575
1/4	430	1/4	10,052	1/4	20,773	1/4	31,474	1/4	42,191	1/4	52,913	1/4	63,634	1/4	74,356	1/4	85,078	1/4	95,798
1/2	523	1/2	10,275	1/2	20,996	1/2	31,697	1/2	42,414	1/2	53,136	1/2	63,858	1/2	74,580	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	96,245
3	709	3	10,722	3	21,443	3	32,142	3	42,861	3	53,583	3	64,305	3	75,026	3	85,748	3	96,468
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	75,250	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	43,308	1/2	54,029	1/2	64,751	1/2	75,473	1/2	86,194	1/2	96,915
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	64,975	3/4	75,697	3/4	86,418	3/4	97,138
4	1,230	4	11,615	4	22,337	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	43,978	1/4	54,700	1/4	65,421	1/4	76,143	1/4	86,864	1/4	97,585
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	65,645	1/2	76,367	1/2	87,088	1/2	97,808
3/4	1,733	3/4	12,285	3/4	23,007	3/4	33,703	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	12,509	5	23,230	5	33,926	5	44,648	5	55,370	5	66,092	5	76,813	5	87,534	5	98,255
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	77,037	1/4	87,758	1/4	98,478
1/2	2,309	1/2	12,955	1/2	23,677	1/2	34,373	1/2	45,095	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	66,762	3/4	77,483	3/4	88,204	3/4	98,925
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	88,428	6	99,148
1/4	2,936	1/4	13,625	1/4	24,346	1/4	35,043	1/4	45,765	1/4	56,487	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	67,432	1/2	78,154	1/2	88,874	1/2	99,595
3/4	3,374	3/4	14,072	3/4	24,792	3/4	35,490	3/4	46,211	3/4	56,933	3/4	67,655	3/4	78,377	3/4	89,098	3/4	99,818
7	3,593	7	14,295	7	25,015	7	35,713	7	46,435	7	57,157	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	78,824	1/4	89,544	1/4	100,265
1/2	4,035	1/2	14,742	1/2	25,461	1/2	36,160	1/2	46,882	1/2	57,603	1/2	68,325	1/2	79,047	1/2	89,768	1/2	100,488
3/4	4,255	3/4	14,966	3/4	25,684	3/4	36,383	3/4	47,105	3/4	57,827	3/4	68,549	3/4	79,270	3/4	89,991	3/4	100,711
8	4,476	8	15,189	8	25,908	8	36,606	8	47,328	8	58,050	8	68,772	8	79,494	8	90,214	8	100,935
1/4	4,698	1/4	15,412	1/4	26,130	1/4	36,830	1/4	47,552	1/4	58,273	1/4	68,995	1/4	79,717	1/4	90,438	1/4	101,158
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	69,219	1/2	79,941	1/2	90,661	1/2	101,381
3/4	5,142	3/4	15,859	3/4	26,575	3/4	37,277	3/4	47,998	3/4	58,720	3/4	69,442	3/4	80,164	3/4	90,885	3/4	101,605
9	5,364	9	16,082	9	26,798	9	37,500	9	48,222	9	58,944	9	69,665	9	80,387	9	91,108	9	101,828
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	80,611	1/4	91,331	1/4	102,051
1/2	5,810	1/2	16,529	1/2	27,243	1/2	37,947	1/2	48,668	1/2	59,390	1/2	70,112	1/2	80,834	1/2	91,555	1/2	102,275
3/4	6,033	3/4	16,752	3/4	27,466	3/4	38,170	3/4	48,892	3/4	59,614	3/4	70,336	3/4	81,057	3/4	91,778	3/4	102,498
10	6,255	10	16,976	10	27,689	10	38,393	10	49,115	10	59,837	10	70,559	10	81,281	10	92,001	10	102,721
1/4	6,478	1/4	17,199	1/4	27,911	1/4	38,617	1/4	49,339	1/4	60,060	1/4	70,782	1/4	81,504	1/4	92,225	1/4	102,945
1/2	6,702	1/2	17,423	1/2	28,134	1/2	38,840	1/2	49,562	1/2	60,284	1/2	71,006	1/2	81,728	1/2	92,448	1/2	103,168
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	60,731	11	71,452	11	82,174	11	92,895	11	103,615
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	82,398	1/4	93,118	1/4	103,838
1/2	7,595	1/2	18,316	1/2	29,025	1/2	39,734	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	61,401	3/4	72,123	3/4	82,844	3/4	93,565	3/4	104,285

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
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1355"

3 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	104,508	0	115,228	0	125,948	0	136,609	0	147,238	0		0		0		0		0	
1/4	104,731	1/4	115,451	1/4	126,170	1/4	136,831	1/4	147,458	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,955	1/2	115,675	1/2	126,392	1/2	137,053	1/2	147,678	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,178	3/4	115,898	3/4	126,614	3/4	137,276	3/4	147,898	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,401	1	116,121	1	126,836	1	137,498	1	148,118	1	1	1	1	1	1	1	1	1	1
1/4	105,625	1/4	116,345	1/4	127,059	1/4	137,720	1/4	148,338	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,848	1/2	116,568	1/2	127,281	1/2	137,942	1/2	148,558	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,071	3/4	116,791	3/4	127,503	3/4	138,164	3/4	148,778	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,295	2	117,015	2	127,725	2	138,386	2	148,998	2	2	2	2	2	2	2	2	2	2
1/4	106,518	1/4	117,238	1/4	127,947	1/4	138,608	1/4	149,200	1/4	1/4	1/4	1/4	1/4	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	149,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,965	3/4	117,685	3/4	128,391	3/4	139,052	3/4	149,602	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,188	3	117,908	3	128,613	3	139,275	3	149,804	3	3	3	3	3	3	3	3	3	3
1/4	107,411	1/4	118,131	1/4	128,835	1/4	139,497	1/4	149,968	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,635	1/2	118,355	1/2	129,058	1/2	139,719	1/2	150,132	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,858	3/4	118,578	3/4	129,280	3/4	139,941	3/4	150,297	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,081	4	118,801	4	129,502	4	140,163	4	150,461	4	4	4	4	4	4	4	4	4	4
1/4	108,305	1/4	119,025	1/4	129,724	1/4	140,385	1/4	150,588	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,528	1/2	119,248	1/2	129,946	1/2	140,607	1/2	150,715	1/2	1/2	1/2	1/2	1/2	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	150,842	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,975	5	119,695	5	130,390	5	141,051	5	150,969	5	5	5	5	5	5	5	5	5	5
1/4	109,198	1/4	119,918	1/4	130,612	1/4	141,274	1/4	151,058	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,421	1/2	120,141	1/2	130,834	1/2	141,496	1/2	151,148	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,645	3/4	120,365	3/4	131,057	3/4	141,718	3/4	151,238	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,868	6	120,588	6	131,279	6	141,940	6	151,328	6	6	6	6	6	6	6	6	6	6
1/4	110,091	1/4	120,811	1/4	131,501	1/4	142,162	1/4	151,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,315	1/2	121,035	1/2	131,723	1/2	142,384	1/2	151,433	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,538	3/4	121,258	3/4	131,945	3/4	142,606	3/4	151,485	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,761	7	121,481	7	132,167	7	142,828	7	151,538	7	7	7	7	7	7	7	7	7	7
1/4	110,985	1/4	121,705	1/4	132,389	1/4	143,050	1/4	151,553	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,208	1/2	121,928	1/2	132,611	1/2	143,273	1/2	151,568	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,431	3/4	122,151	3/4	132,833	3/4	143,495	3/4	151,584	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,655	8	122,375	8	133,056	8	143,717	8	151,599	8	8	8	8	8	8	8	8	8	8
1/4	111,878	1/4	122,598	1/4	133,278	1/4	143,937	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,101	1/2	122,821	1/2	133,500	1/2	144,157	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,325	3/4	123,045	3/4	133,722	3/4	144,377	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,548	9	123,268	9	133,944	9	144,597	9		9	9	9	9	9	9	9	9	9	9
1/4	112,771	1/4	123,491	1/4	134,166	1/4	144,817	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,995	1/2	123,715	1/2	134,388	1/2	145,037	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,218	3/4	123,938	3/4	134,610	3/4	145,257	3/4		3/4	3/4	3/4	3/4	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	10	10	10	10	10
1/4	113,665	1/4	124,385	1/4	135,054	1/4	145,697	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,888	1/2	124,608	1/2	135,277	1/2	145,917	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,111	3/4	124,831	3/4	135,499	3/4	146,137	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,335	11	125,055	11	135,721	11	146,357	11		11	11	11	11	11	11	11	11	11	11
1/4	114,558	1/4	125,278	1/4	135,943	1/4	146,578	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,781	1/2	125,501	1/2	136,165	1/2	146,798	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,005	3/4	125,725	3/4	136,387	3/4	147,018	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2012 CL - SW
CALCULATED: 11/28/2012 CL
PRINTED: 11/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 1355"

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	- 00-0/8	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
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 CENTER	- 00-1/4	00-1/4	- 00-3/8	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"

November 28, 2012

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

<http://www.pmacorp.net>



BARGE "CBC 1355"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	147,022	0	139,734	0	130,327	0	120,906	0	111,467	0	100,946	0	90,201	0	79,456
1/4	1/4	1/4	1/4	1/4	147,006	1/4	139,537	1/4	130,131	1/4	120,710	1/4	111,270	1/4	100,722	1/4	89,977	1/4	79,232
1/2	1/2	1/2	1/2	1/2	146,990	1/2	139,341	1/2	129,936	1/2	120,513	1/2	111,074	1/2	100,499	1/2	89,754	1/2	79,008
3/4	3/4	3/4	3/4	3/4	146,973	3/4	139,145	3/4	129,740	3/4	120,316	3/4	110,877	3/4	100,275	3/4	89,530	3/4	78,784
1		1		1	146,957	1	138,949	1	129,545	1	120,119	1	110,681	1	100,051	1	89,306	1	78,560
1/4	1/4	1/4	1/4	1/4	146,904	1/4	138,752	1/4	129,349	1/4	119,923	1/4	110,484	1/4	99,827	1/4	89,082	1/4	78,336
1/2	1/2	1/2	1/2	1/2	146,851	1/2	138,556	1/2	129,154	1/2	119,726	1/2	110,288	1/2	99,603	1/2	88,858	1/2	78,112
3/4	3/4	3/4	3/4	3/4	146,797	3/4	138,360	3/4	128,958	3/4	119,529	3/4	110,091	3/4	99,379	3/4	88,634	3/4	77,888
2		2		2	146,744	2	138,164	2	128,763	2	119,332	2	109,895	2	99,155	2	88,410	2	77,664
1/4	1/4	1/4	1/4	1/4	146,653	1/4	137,968	1/4	128,567	1/4	119,136	1/4	109,671	1/4	98,932	1/4	88,187	1/4	77,441
1/2	1/2	1/2	1/2	1/2	146,562	1/2	137,771	1/2	128,370	1/2	118,939	1/2	109,447	1/2	98,708	1/2	87,963	1/2	77,217
3/4	3/4	3/4	3/4	3/4	146,471	3/4	137,575	3/4	128,174	3/4	118,742	3/4	109,224	3/4	98,484	3/4	87,739	3/4	76,993
3		3		3	146,380	3	137,379	3	127,978	3	118,546	3	109,000	3	98,260	3	87,515	3	76,769
1/4	1/4	1/4	1/4	1/4	146,252	1/4	137,183	1/4	127,782	1/4	118,349	1/4	108,777	1/4	98,036	1/4	87,291	1/4	76,546
1/2	1/2	1/2	1/2	1/2	146,124	1/2	136,987	1/2	127,586	1/2	118,152	1/2	108,553	1/2	97,812	1/2	87,067	1/2	76,323
3/4	3/4	3/4	3/4	3/4	145,996	3/4	136,790	3/4	127,389	3/4	117,955	3/4	108,329	3/4	97,588	3/4	86,843	3/4	76,100
4		4		4	145,867	4	136,594	4	127,193	4	117,759	4	108,106	4	97,365	4	86,620	4	75,876
1/4	1/4	1/4	1/4	1/4	145,702	1/4	136,398	1/4	126,997	1/4	117,562	1/4	107,882	1/4	97,141	1/4	86,396	1/4	75,654
1/2	1/2	1/2	1/2	1/2	145,536	1/2	136,202	1/2	126,801	1/2	117,365	1/2	107,659	1/2	96,917	1/2	86,172	1/2	75,432
3/4	3/4	3/4	3/4	3/4	145,371	3/4	136,006	3/4	126,605	3/4	117,168	3/4	107,435	3/4	96,693	3/4	85,948	3/4	75,209
5		5		5	145,205	5	135,809	5	126,408	5	116,972	5	107,211	5	96,469	5	85,724	5	74,987
1/4	1/4	1/4	1/4	1/4	145,002	1/4	135,613	1/4	126,212	1/4	116,775	1/4	106,988	1/4	96,245	1/4	85,500	1/4	74,764
1/2	1/2	1/2	1/2	1/2	144,799	1/2	135,417	1/2	126,016	1/2	116,578	1/2	106,764	1/2	96,021	1/2	85,276	1/2	74,542
3/4	3/4	3/4	3/4	3/4	144,596	3/4	135,221	3/4	125,820	3/4	116,382	3/4	106,541	3/4	95,798	3/4	85,053	3/4	74,319
6		6		6	144,393	6	135,025	6	125,624	6	116,185	6	106,317	6	95,574	6	84,829	6	74,097
1/4	1/4	1/4	1/4	1/4	144,199	1/4	134,828	1/4	125,427	1/4	115,988	1/4	106,093	1/4	95,350	1/4	84,605	1/4	73,874
1/2	1/2	1/2	1/2	1/2	144,005	1/2	134,632	1/2	125,231	1/2	115,791	1/2	105,870	1/2	95,126	1/2	84,381	1/2	73,652
3/4	3/4	3/4	3/4	3/4	143,810	3/4	134,436	3/4	125,035	3/4	115,595	3/4	105,646	3/4	94,902	3/4	84,157	3/4	73,430
7		7		7	143,616	7	134,240	7	124,839	7	115,398	7	105,422	7	94,678	7	83,933	7	73,207
1/4	1/4	1/4	1/4	1/4	143,422	1/4	134,044	1/4	124,643	1/4	115,201	1/4	105,199	1/4	94,455	1/4	83,709	1/4	72,985
1/2	1/2	1/2	1/2	1/2	143,228	1/2	133,847	1/2	124,446	1/2	115,004	1/2	104,975	1/2	94,231	1/2	83,486	1/2	72,762
3/4	3/4	3/4	3/4	3/4	143,034	3/4	133,651	3/4	124,250	3/4	114,808	3/4	104,752	3/4	94,007	3/4	83,262	3/4	72,540
8		8		8	142,840	8	133,455	8	124,054	8	114,611	8	104,528	8	93,783	8	83,038	8	72,317
1/4	1/4	1/4	1/4	1/4	142,646	1/4	133,259	1/4	123,857	1/4	114,414	1/4	104,304	1/4	93,559	1/4	82,814	1/4	72,095
1/2	1/2	1/2	1/2	1/2	142,451	1/2	133,064	1/2	123,660	1/2	114,218	1/2	104,080	1/2	93,335	1/2	82,590	1/2	71,872
3/4	3/4	3/4	3/4	3/4	142,257	3/4	132,868	3/4	123,464	3/4	114,021	3/4	103,856	3/4	93,111	3/4	82,366	3/4	71,650
9		9		9	142,063	9	132,673	9	123,267	9	113,825	9	103,633	9	92,888	9	82,142	9	71,428
1/4	1/4	1/4	1/4	1/4	141,869	1/4	132,477	1/4	123,070	1/4	113,628	1/4	103,409	1/4	92,664	1/4	81,918	1/4	71,205
1/2	1/2	1/2	1/2	1/2	141,675	1/2	132,282	1/2	122,874	1/2	113,432	1/2	103,185	1/2	92,440	1/2	81,694	1/2	70,983
3/4	3/4	3/4	3/4	3/4	141,481	3/4	132,086	3/4	122,677	3/4	113,235	3/4	102,961	3/4	92,216	3/4	81,471	3/4	70,760
10		10		10	141,287	10	131,891	10	122,480	10	113,039	10	102,737	10	91,992	10	81,247	10	70,538
1/4	1/4	1/4	1/4	1/4	141,092	1/4	131,695	1/4	122,283	1/4	112,842	1/4	102,513	1/4	91,768	1/4	81,023	1/4	70,315
1/2	1/2	1/2	1/2	1/2	140,898	1/2	131,500	1/2	122,087	1/2	112,646	1/2	102,289	1/2	91,544	1/2	80,799	1/2	70,093
3/4	3/4	3/4	3/4	3/4	140,704	3/4	131,304	3/4	121,890	3/4	112,449	3/4	102,066	3/4	91,321	3/4	80,575	3/4	69,870
11		11		11	140,510	11	131,109	11	121,693	11	112,253	11	101,842	11	91,097	11	80,351	11	69,648
1/4	1/4	1/4	1/4	1/4	140,316	1/4	130,913	1/4	121,496	1/4	112,056	1/4	101,618	1/4	90,873	1/4	80,127	1/4	69,425
1/2	1/2	1/2	1/2	1/2	140,122	1/2	130,718	1/2	121,300	1/2	111,860	1/2	101,394	1/2	90,649	1/2	79,903	1/2	69,202
3/4	3/4	3/4	3/4	3/4	139,928	3/4	130,522	3/4	121,103	3/4	111,663	3/4	101,170	3/4	90,425	3/4	79,679	3/4	68,978

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1355"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	68,755	0	58,018	0	47,276	0	36,535	0	25,978	0	15,257	0	4,496	0		0		0	
1/4	68,532	1/4	57,794	1/4	47,053	1/4	36,311	1/4	25,760	1/4	15,032	1/4	4,274	1/4	1/4		1/4		1/4
1/2	68,309	1/2	57,571	1/2	46,829	1/2	36,087	1/2	25,542	1/2	14,808	1/2	4,052	1/2	1/2		1/2		1/2
3/4	68,086	3/4	57,347	3/4	46,605	3/4	35,863	3/4	25,323	3/4	14,584	3/4	3,830	3/4	3/4		3/4		3/4
1	67,862	1	57,123	1	46,381	1	35,639	1	25,105	1	14,359	1	3,608	1	1		1		1
1/4	67,639	1/4	56,899	1/4	46,157	1/4	35,416	1/4	24,887	1/4	14,135	1/4	3,389	1/4	1/4		1/4		1/4
1/2	67,416	1/2	56,675	1/2	45,934	1/2	35,192	1/2	24,668	1/2	13,910	1/2	3,169	1/2	1/2		1/2		1/2
3/4	67,193	3/4	56,452	3/4	45,710	3/4	34,968	3/4	24,450	3/4	13,686	3/4	2,949	3/4	3/4		3/4		3/4
2	66,970	2	56,228	2	45,486	2	34,744	2	24,231	2	13,462	2	2,729	2	2		2		2
1/4	66,746	1/4	56,004	1/4	45,262	1/4	34,520	1/4	24,007	1/4	13,237	1/4	2,524	1/4	1/4		1/4		1/4
1/2	66,522	1/2	55,780	1/2	45,038	1/2	34,297	1/2	23,783	1/2	13,013	1/2	2,319	1/2	1/2		1/2		1/2
3/4	66,298	3/4	55,556	3/4	44,815	3/4	34,073	3/4	23,558	3/4	12,789	3/4	2,114	3/4	3/4		3/4		3/4
3	66,074	3	55,333	3	44,591	3	33,849	3	23,334	3	12,564	3	1,909	3	3		3		3
1/4	65,851	1/4	55,109	1/4	44,367	1/4	33,625	1/4	23,110	1/4	12,340	1/4	1,740	1/4	1/4		1/4		1/4
1/2	65,627	1/2	54,885	1/2	44,143	1/2	33,401	1/2	22,885	1/2	12,116	1/2	1,572	1/2	1/2		1/2		1/2
3/4	65,403	3/4	54,661	3/4	43,919	3/4	33,178	3/4	22,661	3/4	11,891	3/4	1,404	3/4	3/4		3/4		3/4
4	65,179	4	54,438	4	43,696	4	32,954	4	22,436	4	11,667	4	1,236	4	4		4		4
1/4	64,956	1/4	54,214	1/4	43,472	1/4	32,736	1/4	22,212	1/4	11,442	1/4	1,105	1/4	1/4		1/4		1/4
1/2	64,732	1/2	53,990	1/2	43,248	1/2	32,518	1/2	21,988	1/2	11,218	1/2	974	1/2	1/2		1/2		1/2
3/4	64,508	3/4	53,766	3/4	43,024	3/4	32,300	3/4	21,763	3/4	10,994	3/4	843	3/4	3/4		3/4		3/4
5	64,284	5	53,542	5	42,801	5	32,082	5	21,539	5	10,769	5	712	5	5		5		5
1/4	64,060	1/4	53,319	1/4	42,577	1/4	31,864	1/4	21,315	1/4	10,545	1/4	619	1/4	1/4		1/4		1/4
1/2	63,837	1/2	53,095	1/2	42,353	1/2	31,646	1/2	21,090	1/2	10,321	1/2	525	1/2	1/2		1/2		1/2
3/4	63,613	3/4	52,871	3/4	42,129	3/4	31,428	3/4	20,866	3/4	10,096	3/4	432	3/4	3/4		3/4		3/4
6	63,389	6	52,647	6	41,905	6	31,210	6	20,642	6	9,872	6	338	6	6		6		6
1/4	63,165	1/4	52,423	1/4	41,682	1/4	30,992	1/4	20,417	1/4	9,647	1/4	282	1/4	1/4		1/4		1/4
1/2	62,941	1/2	52,200	1/2	41,458	1/2	30,774	1/2	20,193	1/2	9,423	1/2	226	1/2	1/2		1/2		1/2
3/4	62,718	3/4	51,976	3/4	41,234	3/4	30,556	3/4	19,968	3/4	9,199	3/4	170	3/4	3/4		3/4		3/4
7	62,494	7	51,752	7	41,010	7	30,338	7	19,744	7	8,974	7	114	7	7		7		7
1/4	62,270	1/4	51,528	1/4	40,786	1/4	30,120	1/4	19,520	1/4	8,750	1/4	95	1/4	1/4		1/4		1/4
1/2	62,046	1/2	51,304	1/2	40,563	1/2	29,902	1/2	19,295	1/2	8,526	1/2	77	1/2	1/2		1/2		1/2
3/4	61,822	3/4	51,081	3/4	40,339	3/4	29,684	3/4	19,071	3/4	8,301	3/4	58	3/4	3/4		3/4		3/4
8	61,599	8	50,857	8	40,115	8	29,466	8	18,847	8	8,077	8	39	8	8		8		8
1/4	61,375	1/4	50,633	1/4	39,891	1/4	29,248	1/4	18,622	1/4	7,853	1/4		1/4	1/4		1/4		1/4
1/2	61,151	1/2	50,409	1/2	39,668	1/2	29,030	1/2	18,398	1/2	7,628	1/2		1/2	1/2		1/2		1/2
3/4	60,927	3/4	50,186	3/4	39,444	3/4	28,812	3/4	18,173	3/4	7,404	3/4		3/4	3/4		3/4		3/4
9	60,704	9	49,962	9	39,220	9	28,594	9	17,949	9	7,180	9		9	9		9		9
1/4	60,480	1/4	49,738	1/4	38,996	1/4	28,376	1/4	17,725	1/4	6,955	1/4		1/4	1/4		1/4		1/4
1/2	60,256	1/2	49,514	1/2	38,772	1/2	28,158	1/2	17,500	1/2	6,731	1/2		1/2	1/2		1/2		1/2
3/4	60,032	3/4	49,290	3/4	38,549	3/4	27,940	3/4	17,276	3/4	6,507	3/4		3/4	3/4		3/4		3/4
10	59,808	10	49,067	10	38,325	10	27,722	10	17,052	10	6,283	10		10	10		10		10
1/4	59,585	1/4	48,843	1/4	38,101	1/4	27,504	1/4	16,827	1/4	6,059	1/4		1/4	1/4		1/4		1/4
1/2	59,361	1/2	48,619	1/2	37,877	1/2	27,286	1/2	16,603	1/2	5,835	1/2		1/2	1/2		1/2		1/2
3/4	59,137	3/4	48,395	3/4	37,653	3/4	27,068	3/4	16,379	3/4	5,612	3/4		3/4	3/4		3/4		3/4
11	58,913	11	48,171	11	37,430	11	26,850	11	16,154	11	5,388	11		11	11		11		11
1/4	58,689	1/4	47,948	1/4	37,206	1/4	26,632	1/4	15,930	1/4	5,165	1/4		1/4	1/4		1/4		1/4
1/2	58,466	1/2	47,724	1/2	36,982	1/2	26,414	1/2	15,705	1/2	4,942	1/2		1/2	1/2		1/2		1/2
3/4	58,242	3/4	47,500	3/4	36,758	3/4	26,196	3/4	15,481	3/4	4,719	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2012 CL - SW
CALCULATED: 11/28/2012 CL
PRINTED: 11/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 1355"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	170,277	0	161,410	0	149,417	0	137,402	0	125,342	0	113,282	0	101,222	0	89,161
1/4	1/4	1/4	1/4	1/4	170,260	1/4	161,161	1/4	149,168	1/4	137,151	1/4	125,091	1/4	113,031	1/4	100,971	1/4	88,910
1/2	1/2	1/2	1/2	1/2	170,243	1/2	160,911	1/2	148,918	1/2	136,900	1/2	124,840	1/2	112,780	1/2	100,720	1/2	88,659
3/4	3/4	3/4	3/4	3/4	170,225	3/4	160,661	3/4	148,668	3/4	136,648	3/4	124,588	3/4	112,528	3/4	100,468	3/4	88,407
1		1		1	170,208	1	160,411	1	148,418	1	136,397	1	124,337	1	112,277	1	100,217	1	88,156
1/4	1/4	1/4	1/4	1/4	170,149	1/4	160,161	1/4	148,168	1/4	136,146	1/4	124,086	1/4	112,026	1/4	99,966	1/4	87,905
1/2	1/2	1/2	1/2	1/2	170,090	1/2	159,911	1/2	147,918	1/2	135,895	1/2	123,835	1/2	111,775	1/2	99,715	1/2	87,654
3/4	3/4	3/4	3/4	3/4	170,031	3/4	159,661	3/4	147,668	3/4	135,643	3/4	123,583	3/4	111,523	3/4	99,463	3/4	87,402
2		2		2	169,972	2	159,412	2	147,419	2	135,392	2	123,332	2	111,272	2	99,212	2	87,151
1/4	1/4	1/4	1/4	1/4	169,871	1/4	159,162	1/4	147,169	1/4	135,141	1/4	123,081	1/4	111,021	1/4	98,961	1/4	86,900
1/2	1/2	1/2	1/2	1/2	169,770	1/2	158,912	1/2	146,919	1/2	134,890	1/2	122,830	1/2	110,770	1/2	98,710	1/2	86,648
3/4	3/4	3/4	3/4	3/4	169,669	3/4	158,662	3/4	146,669	3/4	134,638	3/4	122,578	3/4	110,518	3/4	98,458	3/4	86,397
3		3		3	169,568	3	158,412	3	146,419	3	134,387	3	122,327	3	110,267	3	98,207	3	86,146
1/4	1/4	1/4	1/4	1/4	169,425	1/4	158,162	1/4	146,169	1/4	134,136	1/4	122,076	1/4	110,016	1/4	97,956	1/4	85,895
1/2	1/2	1/2	1/2	1/2	169,283	1/2	157,913	1/2	145,920	1/2	133,885	1/2	121,825	1/2	109,765	1/2	97,705	1/2	85,643
3/4	3/4	3/4	3/4	3/4	169,140	3/4	157,663	3/4	145,670	3/4	133,633	3/4	121,573	3/4	109,513	3/4	97,453	3/4	85,392
4		4		4	168,997	4	157,413	4	145,420	4	133,382	4	121,322	4	109,262	4	97,202	4	85,141
1/4	1/4	1/4	1/4	1/4	168,812	1/4	157,163	1/4	145,170	1/4	133,131	1/4	121,071	1/4	109,011	1/4	96,951	1/4	84,889
1/2	1/2	1/2	1/2	1/2	168,627	1/2	156,913	1/2	144,920	1/2	132,880	1/2	120,820	1/2	108,760	1/2	96,700	1/2	84,638
3/4	3/4	3/4	3/4	3/4	168,443	3/4	156,663	3/4	144,670	3/4	132,628	3/4	120,568	3/4	108,508	3/4	96,448	3/4	84,387
5		5		5	168,258	5	156,413	5	144,420	5	132,377	5	120,317	5	108,257	5	96,197	5	84,135
1/4	1/4	1/4	1/4	1/4	168,031	1/4	156,164	1/4	144,171	1/4	132,126	1/4	120,066	1/4	108,006	1/4	95,946	1/4	83,884
1/2	1/2	1/2	1/2	1/2	167,805	1/2	155,914	1/2	143,921	1/2	131,875	1/2	119,815	1/2	107,755	1/2	95,695	1/2	83,633
3/4	3/4	3/4	3/4	3/4	167,578	3/4	155,664	3/4	143,671	3/4	131,623	3/4	119,563	3/4	107,503	3/4	95,443	3/4	83,382
6		6		6	167,352	6	155,414	6	143,421	6	131,372	6	119,312	6	107,252	6	95,192	6	83,130
1/4	1/4	1/4	1/4	1/4	167,104	1/4	155,164	1/4	143,171	1/4	131,121	1/4	119,061	1/4	107,001	1/4	94,941	1/4	82,879
1/2	1/2	1/2	1/2	1/2	166,856	1/2	154,914	1/2	142,921	1/2	130,870	1/2	118,810	1/2	106,750	1/2	94,690	1/2	82,628
3/4	3/4	3/4	3/4	3/4	166,609	3/4	154,664	3/4	142,671	3/4	130,618	3/4	118,558	3/4	106,498	3/4	94,438	3/4	82,376
7		7		7	166,361	7	154,415	7	142,422	7	130,367	7	118,307	7	106,247	7	94,187	7	82,125
1/4	1/4	1/4	1/4	1/4	166,114	1/4	154,165	1/4	142,172	1/4	130,116	1/4	118,056	1/4	105,996	1/4	93,936	1/4	81,874
1/2	1/2	1/2	1/2	1/2	165,866	1/2	153,915	1/2	141,922	1/2	129,865	1/2	117,805	1/2	105,745	1/2	93,685	1/2	81,623
3/4	3/4	3/4	3/4	3/4	165,619	3/4	153,665	3/4	141,672	3/4	129,613	3/4	117,553	3/4	105,493	3/4	93,433	3/4	81,371
8		8		8	165,371	8	153,415	8	141,422	8	129,362	8	117,302	8	105,242	8	93,182	8	81,120
1/4	1/4	1/4	1/4	1/4	165,124	1/4	153,165	1/4	141,171	1/4	129,111	1/4	117,051	1/4	104,991	1/4	92,931	1/4	80,869
1/2	1/2	1/2	1/2	1/2	164,876	1/2	152,915	1/2	140,920	1/2	128,860	1/2	116,800	1/2	104,740	1/2	92,679	1/2	80,617
3/4	3/4	3/4	3/4	3/4	164,629	3/4	152,666	3/4	140,668	3/4	128,608	3/4	116,548	3/4	104,488	3/4	92,428	3/4	80,366
9		9		9	164,381	9	152,416	9	140,417	9	128,357	9	116,297	9	104,237	9	92,177	9	80,115
1/4	1/4	1/4	1/4	1/4	164,133	1/4	152,166	1/4	140,166	1/4	128,106	1/4	116,046	1/4	103,986	1/4	91,926	1/4	79,863
1/2	1/2	1/2	1/2	1/2	163,886	1/2	151,916	1/2	139,915	1/2	127,855	1/2	115,795	1/2	103,735	1/2	91,675	1/2	79,612
3/4	3/4	3/4	3/4	3/4	163,638	3/4	151,666	3/4	139,663	3/4	127,603	3/4	115,543	3/4	103,483	3/4	91,423	3/4	79,361
10		10		10	163,391	10	151,416	10	139,412	10	127,352	10	115,292	10	103,232	10	91,172	10	79,110
1/4	1/4	1/4	1/4	1/4	163,143	1/4	151,166	1/4	139,161	1/4	127,101	1/4	115,041	1/4	102,981	1/4	90,920	1/4	78,858
1/2	1/2	1/2	1/2	1/2	162,896	1/2	150,917	1/2	138,910	1/2	126,850	1/2	114,790	1/2	102,730	1/2	90,669	1/2	78,607
3/4	3/4	3/4	3/4	3/4	162,648	3/4	150,667	3/4	138,658	3/4	126,598	3/4	114,538	3/4	102,478	3/4	90,418	3/4	78,356
11		11		11	162,401	11	150,417	11	138,407	11	126,347	11	114,287	11	102,227	11	90,167	11	78,104
1/4	1/4	1/4	1/4	1/4	162,153	1/4	150,167	1/4	138,156	1/4	126,096	1/4	114,036	1/4	101,976	1/4	89,915	1/4	77,853
1/2	1/2	1/2	1/2	1/2	161,906	1/2	149,917	1/2	137,905	1/2	125,845	1/2	113,785	1/2	101,725	1/2	89,664	1/2	77,602
3/4	3/4	3/4	3/4	3/4	161,658	3/4	149,667	3/4	137,653	3/4	125,593	3/4	113,533	3/4	101,473	3/4	89,413	3/4	77,351

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 1355"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08"

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	77,099	0	65,037	0	52,975	0	40,913	0	29,116	0	17,083	0	5,031	0		0		0	
1/4	76,848	1/4	64,786	1/4	52,724	1/4	40,662	1/4	28,872	1/4	16,831	1/4	4,782	1/4		1/4		1/4	
1/2	76,597	1/2	64,535	1/2	52,472	1/2	40,410	1/2	28,628	1/2	16,580	1/2	4,534	1/2		1/2		1/2	
3/4	76,345	3/4	64,283	3/4	52,221	3/4	40,159	3/4	28,383	3/4	16,329	3/4	4,286	3/4		3/4		3/4	
1	76,094	1	64,032	1	51,970	1	39,908	1	28,139	1	16,078	1	4,037	1		1		1	
1/4	75,843	1/4	63,781	1/4	51,719	1/4	39,656	1/4	27,888	1/4	15,826	1/4	3,791	1/4		1/4		1/4	
1/2	75,591	1/2	63,529	1/2	51,467	1/2	39,405	1/2	27,637	1/2	15,575	1/2	3,544	1/2		1/2		1/2	
3/4	75,340	3/4	63,278	3/4	51,216	3/4	39,154	3/4	27,385	3/4	15,324	3/4	3,298	3/4		3/4		3/4	
2	75,089	2	63,027	2	50,965	2	38,903	2	27,134	2	15,072	2	3,052	2		2		2	
1/4	74,838	1/4	62,776	1/4	50,713	1/4	38,651	1/4	26,883	1/4	14,821	1/4	2,822	1/4		1/4		1/4	
1/2	74,586	1/2	62,524	1/2	50,462	1/2	38,400	1/2	26,631	1/2	14,570	1/2	2,593	1/2		1/2		1/2	
3/4	74,335	3/4	62,273	3/4	50,211	3/4	38,149	3/4	26,380	3/4	14,319	3/4	2,363	3/4		3/4		3/4	
3	74,084	3	62,022	3	49,960	3	37,897	3	26,129	3	14,067	3	2,133	3		3		3	
1/4	73,832	1/4	61,770	1/4	49,708	1/4	37,653	1/4	25,878	1/4	13,816	1/4	1,945	1/4		1/4		1/4	
1/2	73,581	1/2	61,519	1/2	49,457	1/2	37,409	1/2	25,626	1/2	13,565	1/2	1,756	1/2		1/2		1/2	
3/4	73,330	3/4	61,268	3/4	49,206	3/4	37,165	3/4	25,375	3/4	13,313	3/4	1,568	3/4		3/4		3/4	
4	73,079	4	61,016	4	48,954	4	36,920	4	25,124	4	13,062	4	1,379	4		4		4	
1/4	72,827	1/4	60,765	1/4	48,703	1/4	36,677	1/4	24,872	1/4	12,811	1/4	1,233	1/4		1/4		1/4	
1/2	72,576	1/2	60,514	1/2	48,452	1/2	36,433	1/2	24,621	1/2	12,560	1/2	1,086	1/2		1/2		1/2	
3/4	72,325	3/4	60,263	3/4	48,200	3/4	36,189	3/4	24,370	3/4	12,308	3/4	940	3/4		3/4		3/4	
5	72,073	5	60,011	5	47,949	5	35,945	5	24,119	5	12,057	5	793	5		5		5	
1/4	71,822	1/4	59,760	1/4	47,698	1/4	35,701	1/4	23,867	1/4	11,806	1/4	688	1/4		1/4		1/4	
1/2	71,571	1/2	59,509	1/2	47,447	1/2	35,457	1/2	23,616	1/2	11,554	1/2	584	1/2		1/2		1/2	
3/4	71,319	3/4	59,257	3/4	47,195	3/4	35,213	3/4	23,365	3/4	11,303	3/4	479	3/4		3/4		3/4	
6	71,068	6	59,006	6	46,944	6	34,969	6	23,113	6	11,052	6	374	6		6		6	
1/4	70,817	1/4	58,755	1/4	46,693	1/4	34,725	1/4	22,862	1/4	10,801	1/4	311	1/4		1/4		1/4	
1/2	70,566	1/2	58,504	1/2	46,441	1/2	34,482	1/2	22,611	1/2	10,549	1/2	249	1/2		1/2		1/2	
3/4	70,314	3/4	58,252	3/4	46,190	3/4	34,238	3/4	22,360	3/4	10,298	3/4	186	3/4		3/4		3/4	
7	70,063	7	58,001	7	45,939	7	33,994	7	22,108	7	10,047	7	123	7		7		7	
1/4	69,812	1/4	57,750	1/4	45,688	1/4	33,750	1/4	21,857	1/4	9,795	1/4	102	1/4		1/4		1/4	
1/2	69,560	1/2	57,498	1/2	45,436	1/2	33,506	1/2	21,606	1/2	9,544	1/2	81	1/2		1/2		1/2	
3/4	69,309	3/4	57,247	3/4	45,185	3/4	33,262	3/4	21,354	3/4	9,293	3/4	60	3/4		3/4		3/4	
8	69,058	8	56,996	8	44,934	8	33,018	8	21,103	8	9,042	8	39	8		8		8	
1/4	68,807	1/4	56,744	1/4	44,682	1/4	32,774	1/4	20,852	1/4	8,790	1/4		1/4		1/4		1/4	
1/2	68,555	1/2	56,493	1/2	44,431	1/2	32,531	1/2	20,601	1/2	8,539	1/2		1/2		1/2		1/2	
3/4	68,304	3/4	56,242	3/4	44,180	3/4	32,287	3/4	20,349	3/4	8,288	3/4		3/4		3/4		3/4	
9	68,053	9	55,991	9	43,928	9	32,043	9	20,098	9	8,036	9		9		9		9	
1/4	67,801	1/4	55,739	1/4	43,677	1/4	31,799	1/4	19,847	1/4	7,785	1/4		1/4		1/4		1/4	
1/2	67,550	1/2	55,488	1/2	43,426	1/2	31,555	1/2	19,595	1/2	7,534	1/2		1/2		1/2		1/2	
3/4	67,299	3/4	55,237	3/4	43,175	3/4	31,311	3/4	19,344	3/4	7,283	3/4		3/4		3/4		3/4	
10	67,047	10	54,985	10	42,923	10	31,067	10	19,093	10	7,032	10		10		10		10	
1/4	66,796	1/4	54,734	1/4	42,672	1/4	30,823	1/4	18,842	1/4	6,782	1/4		1/4		1/4		1/4	
1/2	66,545	1/2	54,483	1/2	42,421	1/2	30,579	1/2	18,590	1/2	6,531	1/2		1/2		1/2		1/2	
3/4	66,294	3/4	54,232	3/4	42,169	3/4	30,336	3/4	18,339	3/4	6,281	3/4		3/4		3/4		3/4	
11	66,042	11	53,980	11	41,918	11	30,092	11	18,088	11	6,030	11		11		11		11	
1/4	65,791	1/4	53,729	1/4	41,667	1/4	29,848	1/4	17,836	1/4	5,780	1/4		1/4		1/4		1/4	
1/2	65,540	1/2	53,478	1/2	41,416	1/2	29,604	1/2	17,585	1/2	5,530	1/2		1/2		1/2		1/2	
3/4	65,288	3/4	53,226	3/4	41,164	3/4	29,360	3/4	17,334	3/4	5,281	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2012 CL - SW
CALCULATED: 11/28/2012 CL
PRINTED: 11/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "CBC 1355"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	143,937	0	133,278	0	122,598	0	111,878	0	101,158	0	90,438	0	79,717
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,599	1/4	143,717	1/4	133,056	1/4	122,375	1/4	111,655	1/4	100,935	1/4	90,214
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,584	1/2	143,495	1/2	132,833	1/2	122,151	1/2	111,431	1/2	100,711	1/2	89,991
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,568	3/4	143,273	3/4	132,611	3/4	121,928	3/4	111,208	3/4	100,488	3/4	89,768
1		1		1		1	151,553	1	143,050	1	132,389	1	121,705	1	110,985	1	100,265	1	89,544
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,538	1/4	142,828	1/4	132,167	1/4	121,481	1/4	110,761	1/4	100,041	1/4	89,321
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,485	1/2	142,606	1/2	131,945	1/2	121,258	1/2	110,538	1/2	99,818	1/2	89,098
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,433	3/4	142,384	3/4	131,723	3/4	121,035	3/4	110,315	3/4	99,595	3/4	88,874
2		2		2		2	151,380	2	142,162	2	131,501	2	120,811	2	110,091	2	99,371	2	88,651
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,328	1/4	141,940	1/4	131,279	1/4	120,588	1/4	109,868	1/4	99,148	1/4	88,428
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,238	1/2	141,718	1/2	131,057	1/2	120,365	1/2	109,645	1/2	98,925	1/2	88,204
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,148	3/4	141,496	3/4	130,834	3/4	120,141	3/4	109,421	3/4	98,701	3/4	87,981
3		3		3		3	151,058	3	141,274	3	130,612	3	119,918	3	109,198	3	98,478	3	87,758
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,969	1/4	141,051	1/4	130,390	1/4	119,695	1/4	108,975	1/4	98,255	1/4	87,534
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,842	1/2	140,829	1/2	130,168	1/2	119,471	1/2	108,751	1/2	98,031	1/2	87,311
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,715	3/4	140,607	3/4	129,946	3/4	119,248	3/4	108,528	3/4	97,808	3/4	87,088
4		4		4		4	150,588	4	140,385	4	129,724	4	119,025	4	108,305	4	97,585	4	86,864
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,461	1/4	140,163	1/4	129,502	1/4	118,801	1/4	108,081	1/4	97,361	1/4	86,641
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,297	1/2	139,941	1/2	129,280	1/2	118,578	1/2	107,858	1/2	97,138	1/2	86,418
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,132	3/4	139,719	3/4	129,058	3/4	118,355	3/4	107,635	3/4	96,915	3/4	86,194
5		5		5		5	149,968	5	139,497	5	128,835	5	118,131	5	107,411	5	96,691	5	85,971
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,804	1/4	139,275	1/4	128,613	1/4	117,908	1/4	107,188	1/4	96,468	1/4	85,748
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,602	1/2	139,052	1/2	128,391	1/2	117,685	1/2	106,965	1/2	96,245	1/2	85,524
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,401	3/4	138,830	3/4	128,169	3/4	117,461	3/4	106,741	3/4	96,021	3/4	85,301
6		6		6		6	149,200	6	138,608	6	127,947	6	117,238	6	106,518	6	95,798	6	85,078
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,998	1/4	138,386	1/4	127,725	1/4	117,015	1/4	106,295	1/4	95,575	1/4	84,854
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,778	1/2	138,164	1/2	127,503	1/2	116,791	1/2	106,071	1/2	95,351	1/2	84,631
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,558	3/4	137,942	3/4	127,281	3/4	116,568	3/4	105,848	3/4	95,128	3/4	84,408
7		7		7		7	148,338	7	137,720	7	127,059	7	116,345	7	105,625	7	94,905	7	84,184
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,118	1/4	137,498	1/4	126,836	1/4	116,121	1/4	105,401	1/4	94,681	1/4	83,961
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,898	1/2	137,276	1/2	126,614	1/2	115,898	1/2	105,178	1/2	94,458	1/2	83,738
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,678	3/4	137,053	3/4	126,392	3/4	115,675	3/4	104,955	3/4	94,235	3/4	83,514
8		8		8		8	147,458	8	136,831	8	126,170	8	115,451	8	104,731	8	94,011	8	83,291
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,238	1/4	136,609	1/4	125,948	1/4	115,228	1/4	104,508	1/4	93,788	1/4	83,068
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,018	1/2	136,387	1/2	125,725	1/2	115,005	1/2	104,285	1/2	93,565	1/2	82,844
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,798	3/4	136,165	3/4	125,501	3/4	114,781	3/4	104,061	3/4	93,341	3/4	82,621
9		9		9		9	146,578	9	135,943	9	125,278	9	114,558	9	103,838	9	93,118	9	82,398
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,357	1/4	135,721	1/4	125,055	1/4	114,335	1/4	103,615	1/4	92,895	1/4	82,174
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,137	1/2	135,499	1/2	124,831	1/2	114,111	1/2	103,391	1/2	92,671	1/2	81,951
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,917	3/4	135,277	3/4	124,608	3/4	113,888	3/4	103,168	3/4	92,448	3/4	81,728
10		10		10		10	145,697	10	135,054	10	124,385	10	113,665	10	102,945	10	92,225	10	81,504
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,477	1/4	134,832	1/4	124,161	1/4	113,441	1/4	102,721	1/4	92,001	1/4	81,281
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,257	1/2	134,610	1/2	123,938	1/2	113,218	1/2	102,498	1/2	91,778	1/2	81,057
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,037	3/4	134,388	3/4	123,715	3/4	112,995	3/4	102,275	3/4	91,555	3/4	80,834
11		11		11		11	144,817	11	134,166	11	123,491	11	112,771	11	102,051	11	91,331	11	80,611
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,597	1/4	133,944	1/4	123,268	1/4	112,548	1/4	101,828	1/4	91,108	1/4	80,387
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,377	1/2	133,722	1/2	123,045	1/2	112,325	1/2	101,605	1/2	90,885	1/2	80,164
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,157	3/4	133,500	3/4	122,821	3/4	112,101	3/4	101,381	3/4	90,661	3/4	79,941

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 1355"

3 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	68,995	0	58,273	0	47,552	0	36,830	0	26,130	0	15,412	0	4,698	0		0		0	
1/4	68,772	1/4	58,050	1/4	47,328	1/4	36,606	1/4	25,908	1/4	15,189	1/4	4,476	1/4	1/4		1/4		1/4
1/2	68,549	1/2	57,827	1/2	47,105	1/2	36,383	1/2	25,684	1/2	14,966	1/2	4,255	1/2	1/2		1/2		1/2
3/4	68,325	3/4	57,603	3/4	46,882	3/4	36,160	3/4	25,461	3/4	14,742	3/4	4,035	3/4	3/4		3/4		3/4
1	68,102	1	57,380	1	46,658	1	35,936	1	25,238	1	14,519	1	3,814	1	1		1		1
1/4	67,878	1/4	57,157	1/4	46,435	1/4	35,713	1/4	25,015	1/4	14,295	1/4	3,593	1/4	1/4		1/4		1/4
1/2	67,655	1/2	56,933	1/2	46,211	1/2	35,490	1/2	24,792	1/2	14,072	1/2	3,374	1/2	1/2		1/2		1/2
3/4	67,432	3/4	56,710	3/4	45,988	3/4	35,266	3/4	24,569	3/4	13,849	3/4	3,155	3/4	3/4		3/4		3/4
2	67,208	2	56,487	2	45,765	2	35,043	2	24,346	2	13,625	2	2,936	2	2		2		2
1/4	66,985	1/4	56,263	1/4	45,541	1/4	34,819	1/4	24,123	1/4	13,402	1/4	2,717	1/4	1/4		1/4		1/4
1/2	66,762	1/2	56,040	1/2	45,318	1/2	34,596	1/2	23,900	1/2	13,179	1/2	2,513	1/2	1/2		1/2		1/2
3/4	66,538	3/4	55,816	3/4	45,095	3/4	34,373	3/4	23,677	3/4	12,955	3/4	2,309	3/4	3/4		3/4		3/4
3	66,315	3	55,593	3	44,871	3	34,149	3	23,453	3	12,732	3	2,105	3	3		3		3
1/4	66,092	1/4	55,370	1/4	44,648	1/4	33,926	1/4	23,230	1/4	12,509	1/4	1,901	1/4	1/4		1/4		1/4
1/2	65,868	1/2	55,146	1/2	44,424	1/2	33,703	1/2	23,007	1/2	12,285	1/2	1,733	1/2	1/2		1/2		1/2
3/4	65,645	3/4	54,923	3/4	44,201	3/4	33,479	3/4	22,783	3/4	12,062	3/4	1,566	3/4	3/4		3/4		3/4
4	65,421	4	54,700	4	43,978	4	33,256	4	22,560	4	11,838	4	1,398	4	4		4		4
1/4	65,198	1/4	54,476	1/4	43,754	1/4	33,032	1/4	22,337	1/4	11,615	1/4	1,230	1/4	1/4		1/4		1/4
1/2	64,975	1/2	54,253	1/2	43,531	1/2	32,810	1/2	22,113	1/2	11,392	1/2	1,100	1/2	1/2		1/2		1/2
3/4	64,751	3/4	54,029	3/4	43,308	3/4	32,587	3/4	21,890	3/4	11,168	3/4	970	3/4	3/4		3/4		3/4
5	64,528	5	53,806	5	43,084	5	32,364	5	21,666	5	10,945	5	840	5	5		5		5
1/4	64,305	1/4	53,583	1/4	42,861	1/4	32,142	1/4	21,443	1/4	10,722	1/4	709	1/4	1/4		1/4		1/4
1/2	64,081	1/2	53,359	1/2	42,637	1/2	31,919	1/2	21,220	1/2	10,498	1/2	616	1/2	1/2		1/2		1/2
3/4	63,858	3/4	53,136	3/4	42,414	3/4	31,697	3/4	20,996	3/4	10,275	3/4	523	3/4	3/4		3/4		3/4
6	63,634	6	52,913	6	42,191	6	31,474	6	20,773	6	10,052	6	430	6	6		6		6
1/4	63,411	1/4	52,689	1/4	41,967	1/4	31,251	1/4	20,550	1/4	9,828	1/4	337	1/4	1/4		1/4		1/4
1/2	63,188	1/2	52,466	1/2	41,744	1/2	31,029	1/2	20,326	1/2	9,605	1/2	281	1/2	1/2		1/2		1/2
3/4	62,964	3/4	52,242	3/4	41,521	3/4	30,806	3/4	20,103	3/4	9,381	3/4	225	3/4	3/4		3/4		3/4
7	62,741	7	52,019	7	41,297	7	30,583	7	19,880	7	9,158	7	170	7	7		7		7
1/4	62,518	1/4	51,796	1/4	41,074	1/4	30,361	1/4	19,656	1/4	8,935	1/4	114	1/4	1/4		1/4		1/4
1/2	62,294	1/2	51,572	1/2	40,850	1/2	30,138	1/2	19,433	1/2	8,711	1/2	95	1/2	1/2		1/2		1/2
3/4	62,071	3/4	51,349	3/4	40,627	3/4	29,915	3/4	19,209	3/4	8,488	3/4	77	3/4	3/4		3/4		3/4
8	61,847	8	51,126	8	40,404	8	29,693	8	18,986	8	8,265	8	58	8	8		8		8
1/4	61,624	1/4	50,902	1/4	40,180	1/4	29,470	1/4	18,763	1/4	8,041	1/4	39	1/4	1/4		1/4		1/4
1/2	61,401	1/2	50,679	1/2	39,957	1/2	29,247	1/2	18,539	1/2	7,818	1/2		1/2	1/2		1/2		1/2
3/4	61,177	3/4	50,455	3/4	39,734	3/4	29,025	3/4	18,316	3/4	7,595	3/4		3/4	3/4		3/4		3/4
9	60,954	9	50,232	9	39,510	9	28,802	9	18,093	9	7,371	9	9	9	9		9		9
1/4	60,731	1/4	50,009	1/4	39,287	1/4	28,579	1/4	17,869	1/4	7,148	1/4		1/4	1/4		1/4		1/4
1/2	60,507	1/2	49,785	1/2	39,063	1/2	28,357	1/2	17,646	1/2	6,925	1/2		1/2	1/2		1/2		1/2
3/4	60,284	3/4	49,562	3/4	38,840	3/4	28,134	3/4	17,423	3/4	6,702	3/4		3/4	3/4		3/4		3/4
10	60,060	10	49,339	10	38,617	10	27,911	10	17,199	10	6,478	10	10	10	10		10		10
1/4	59,837	1/4	49,115	1/4	38,393	1/4	27,689	1/4	16,976	1/4	6,255	1/4		1/4	1/4		1/4		1/4
1/2	59,614	1/2	48,892	1/2	38,170	1/2	27,466	1/2	16,752	1/2	6,033	1/2		1/2	1/2		1/2		1/2
3/4	59,390	3/4	48,668	3/4	37,947	3/4	27,243	3/4	16,529	3/4	5,810	3/4		3/4	3/4		3/4		3/4
11	59,167	11	48,445	11	37,723	11	27,021	11	16,306	11	5,587	11	11	11	11		11		11
1/4	58,944	1/4	48,222	1/4	37,500	1/4	26,798	1/4	16,082	1/4	5,364	1/4		1/4	1/4		1/4		1/4
1/2	58,720	1/2	47,998	1/2	37,277	1/2	26,575	1/2	15,859	1/2	5,142	1/2		1/2	1/2		1/2		1/2
3/4	58,497	3/4	47,775	3/4	37,053	3/4	26,353	3/4	15,636	3/4	4,920	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/28/2012 CL - SW
CALCULATED: 11/28/2012 CL
PRINTED: 11/28/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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