



BARGE "CBC 1386"

INNAGE TRIM TABLE

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

(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 00-5/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 28, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 1386"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,030	0	18,737	0	29,430	0	40,126	0	50,833	0	61,540	0	72,248	0	82,955	0	93,660
1/4	58	1/4	8,253	1/4	18,960	1/4	19,652	1/4	40,349	1/4	51,056	1/4	61,763	1/4	72,471	1/4	83,178	1/4	93,883
1/2	76	1/2	8,476	1/2	19,183	1/2	29,875	1/2	40,572	1/2	51,279	1/2	61,986	1/2	72,694	1/2	83,401	1/2	94,106
3/4	95	3/4	8,700	3/4	19,406	3/4	30,097	3/4	40,795	3/4	51,502	3/4	62,209	3/4	72,917	3/4	83,624	3/4	94,329
1	114	1	8,923	1	19,629	1	30,319	1	41,018	1	51,725	1	62,433	1	73,140	1	83,847	1	94,552
1/4	169	1/4	9,146	1/4	19,852	1/4	30,542	1/4	41,241	1/4	51,948	1/4	62,656	1/4	73,363	1/4	84,070	1/4	94,775
1/2	225	1/2	9,369	1/2	20,076	1/2	30,764	1/2	41,464	1/2	52,171	1/2	62,879	1/2	73,586	1/2	84,293	1/2	94,998
3/4	281	3/4	9,592	3/4	20,299	3/4	30,986	3/4	41,687	3/4	52,394	3/4	63,102	3/4	73,809	3/4	84,516	3/4	95,221
2	337	2	9,815	2	20,522	2	31,209	2	41,910	2	52,618	2	63,325	2	74,032	2	84,739	2	95,444
1/4	430	1/4	10,038	1/4	20,745	1/4	31,431	1/4	42,133	1/4	52,841	1/4	63,548	1/4	74,255	1/4	84,962	1/4	95,668
1/2	522	1/2	10,261	1/2	20,968	1/2	31,653	1/2	42,356	1/2	53,064	1/2	63,771	1/2	74,478	1/2	85,185	1/2	95,891
3/4	615	3/4	10,484	3/4	21,191	3/4	31,876	3/4	42,579	3/4	53,287	3/4	63,994	3/4	74,701	3/4	85,408	3/4	96,114
3	708	3	10,707	3	21,414	3	32,098	3	42,802	3	53,510	3	64,217	3	74,924	3	85,631	3	96,337
1/4	838	1/4	10,930	1/4	21,637	1/4	32,320	1/4	43,026	1/4	53,733	1/4	64,440	1/4	75,147	1/4	85,854	1/4	96,560
1/2	969	1/2	11,153	1/2	21,860	1/2	32,543	1/2	43,249	1/2	53,956	1/2	64,663	1/2	75,370	1/2	86,077	1/2	96,783
3/4	1,099	3/4	11,376	3/4	22,083	3/4	32,765	3/4	43,472	3/4	54,179	3/4	64,886	3/4	75,594	3/4	86,300	3/4	97,006
4	1,229	4	11,599	4	22,306	4	32,987	4	43,695	4	54,402	4	65,109	4	75,817	4	86,523	4	97,229
1/4	1,396	1/4	11,822	1/4	22,529	1/4	33,211	1/4	43,918	1/4	54,625	1/4	65,332	1/4	76,040	1/4	86,746	1/4	97,452
1/2	1,563	1/2	12,045	1/2	22,752	1/2	33,434	1/2	44,141	1/2	54,848	1/2	65,555	1/2	76,263	1/2	86,969	1/2	97,675
3/4	1,731	3/4	12,268	3/4	22,975	3/4	33,657	3/4	44,364	3/4	55,071	3/4	65,779	3/4	76,486	3/4	87,192	3/4	97,898
5	1,898	5	12,492	5	23,198	5	33,880	5	44,587	5	55,294	5	66,002	5	76,709	5	87,415	5	98,121
1/4	2,102	1/4	12,715	1/4	23,421	1/4	34,103	1/4	44,810	1/4	55,517	1/4	66,225	1/4	76,932	1/4	87,638	1/4	98,344
1/2	2,306	1/2	12,938	1/2	23,644	1/2	34,326	1/2	45,033	1/2	55,740	1/2	66,448	1/2	77,155	1/2	87,861	1/2	98,567
3/4	2,510	3/4	13,161	3/4	23,868	3/4	34,549	3/4	45,256	3/4	55,964	3/4	66,671	3/4	77,378	3/4	88,084	3/4	98,790
6	2,714	6	13,384	6	24,091	6	34,772	6	45,479	6	56,187	6	66,894	6	77,601	6	88,308	6	99,013
1/4	2,932	1/4	13,607	1/4	24,313	1/4	34,995	1/4	45,702	1/4	56,410	1/4	67,117	1/4	77,824	1/4	88,531	1/4	99,236
1/2	3,151	1/2	13,830	1/2	24,536	1/2	35,218	1/2	45,925	1/2	56,633	1/2	67,340	1/2	78,047	1/2	88,754	1/2	99,459
3/4	3,369	3/4	14,053	3/4	24,759	3/4	35,441	3/4	46,149	3/4	56,856	3/4	67,563	3/4	78,270	3/4	88,977	3/4	99,682
7	3,588	7	14,276	7	24,981	7	35,664	7	46,372	7	57,079	7	67,786	7	78,493	7	89,200	7	99,905
1/4	3,809	1/4	14,499	1/4	25,204	1/4	35,887	1/4	46,595	1/4	57,302	1/4	68,009	1/4	78,716	1/4	89,423	1/4	100,128
1/2	4,029	1/2	14,722	1/2	25,427	1/2	36,110	1/2	46,818	1/2	57,525	1/2	68,232	1/2	78,940	1/2	89,646	1/2	100,351
3/4	4,250	3/4	14,945	3/4	25,650	3/4	36,334	3/4	47,041	3/4	57,748	3/4	68,455	3/4	79,163	3/4	89,869	3/4	100,574
8	4,470	8	15,168	8	25,872	8	36,557	8	47,264	8	57,971	8	68,678	8	79,386	8	90,092	8	100,797
1/4	4,692	1/4	15,391	1/4	26,095	1/4	36,780	1/4	47,487	1/4	58,194	1/4	68,901	1/4	79,609	1/4	90,315	1/4	101,020
1/2	4,914	1/2	15,614	1/2	26,317	1/2	37,003	1/2	47,710	1/2	58,417	1/2	69,125	1/2	79,832	1/2	90,538	1/2	101,243
3/4	5,135	3/4	15,837	3/4	26,539	3/4	37,226	3/4	47,933	3/4	58,640	3/4	69,348	3/4	80,055	3/4	90,761	3/4	101,466
9	5,357	9	16,060	9	26,762	9	37,449	9	48,156	9	58,863	9	69,571	9	80,278	9	90,984	9	101,689
1/4	5,579	1/4	16,284	1/4	26,984	1/4	37,672	1/4	48,379	1/4	59,086	1/4	69,794	1/4	80,501	1/4	91,207	1/4	101,912
1/2	5,802	1/2	16,507	1/2	27,206	1/2	37,895	1/2	48,602	1/2	59,310	1/2	70,017	1/2	80,724	1/2	91,430	1/2	102,135
3/4	6,024	3/4	16,730	3/4	27,429	3/4	38,118	3/4	48,825	3/4	59,533	3/4	70,240	3/4	80,947	3/4	91,653	3/4	102,358
10	6,247	10	16,953	10	27,651	10	38,341	10	49,048	10	59,756	10	70,463	10	81,170	10	91,876	10	102,581
1/4	6,470	1/4	17,176	1/4	27,873	1/4	38,564	1/4	49,271	1/4	59,979	1/4	70,686	1/4	81,393	1/4	92,099	1/4	102,804
1/2	6,692	1/2	17,399	1/2	28,096	1/2	38,787	1/2	49,495	1/2	60,202	1/2	70,909	1/2	81,616	1/2	92,322	1/2	103,028
3/4	6,915	3/4	17,622	3/4	28,318	3/4	39,010	3/4	49,718	3/4	60,425	3/4	71,132	3/4	81,839	3/4	92,545	3/4	103,251
11	7,138	11	17,845	11	28,540	11	39,233	11	49,941	11	60,648	11	71,355	11	82,063	11	92,768	11	103,474
1/4	7,361	1/4	18,068	1/4	28,763	1/4	39,456	1/4	50,164	1/4	60,871	1/4	71,578	1/4	82,286	1/4	92,991	1/4	103,697
1/2	7,584	1/2	18,291	1/2	28,985	1/2	39,680	1/2	50,387	1/2	61,094	1/2	71,801	1/2	82,509	1/2	93,214	1/2	103,920
3/4	7,807	3/4	18,514	3/4	29,208	3/4	39,903	3/4	50,610	3/4	61,317	3/4	72,024	3/4	82,732	3/4	93,437	3/4	104,143

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 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1386"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,366	0	115,071	0	125,777	0	136,423	0	147,037	0		0		0		0		0	
1/4	104,589	1/4	115,294	1/4	125,998	1/4	136,645	1/4	147,257	1/4		1/4		1/4		1/4		1/4	
1/2	104,812	1/2	115,517	1/2	126,220	1/2	136,867	1/2	147,477	1/2		1/2		1/2		1/2		1/2	
3/4	105,035	3/4	115,740	3/4	126,442	3/4	137,089	3/4	147,697	3/4		3/4		3/4		3/4		3/4	
1	105,258	1	115,963	1	126,664	1	137,311	1	147,916	1		1		1		1		1	
1/4	105,481	1/4	116,186	1/4	126,886	1/4	137,532	1/4	148,136	1/4		1/4		1/4		1/4		1/4	
1/2	105,704	1/2	116,409	1/2	127,107	1/2	137,754	1/2	148,356	1/2		1/2		1/2		1/2		1/2	
3/4	105,927	3/4	116,632	3/4	127,329	3/4	137,976	3/4	148,576	3/4		3/4		3/4		3/4		3/4	
2	106,150	2	116,855	2	127,551	2	138,198	2	148,795	2		2		2		2		2	
1/4	106,373	1/4	117,078	1/4	127,773	1/4	138,420	1/4	148,997	1/4		1/4		1/4		1/4		1/4	
1/2	106,596	1/2	117,301	1/2	127,995	1/2	138,641	1/2	149,198	1/2		1/2		1/2		1/2		1/2	
3/4	106,819	3/4	117,524	3/4	128,216	3/4	138,863	3/4	149,399	3/4		3/4		3/4		3/4		3/4	
3	107,042	3	117,748	3	128,438	3	139,085	3	149,600	3		3		3		3		3	
1/4	107,265	1/4	117,971	1/4	128,660	1/4	139,307	1/4	149,764	1/4		1/4		1/4		1/4		1/4	
1/2	107,488	1/2	118,194	1/2	128,882	1/2	139,529	1/2	149,928	1/2		1/2		1/2		1/2		1/2	
3/4	107,711	3/4	118,417	3/4	129,104	3/4	139,750	3/4	150,092	3/4		3/4		3/4		3/4		3/4	
4	107,934	4	118,640	4	129,326	4	139,972	4	150,256	4		4		4		4		4	
1/4	108,157	1/4	118,863	1/4	129,547	1/4	140,194	1/4	150,383	1/4		1/4		1/4		1/4		1/4	
1/2	108,380	1/2	119,086	1/2	129,769	1/2	140,416	1/2	150,510	1/2		1/2		1/2		1/2		1/2	
3/4	108,603	3/4	119,309	3/4	129,991	3/4	140,638	3/4	150,636	3/4		3/4		3/4		3/4		3/4	
5	108,826	5	119,532	5	130,213	5	140,860	5	150,763	5		5		5		5		5	
1/4	109,049	1/4	119,755	1/4	130,435	1/4	141,081	1/4	150,853	1/4		1/4		1/4		1/4		1/4	
1/2	109,272	1/2	119,978	1/2	130,656	1/2	141,303	1/2	150,943	1/2		1/2		1/2		1/2		1/2	
3/4	109,495	3/4	120,201	3/4	130,878	3/4	141,525	3/4	151,032	3/4		3/4		3/4		3/4		3/4	
6	109,718	6	120,424	6	131,100	6	141,747	6	151,122	6		6		6		6		6	
1/4	109,941	1/4	120,647	1/4	131,322	1/4	141,969	1/4	151,174	1/4		1/4		1/4		1/4		1/4	
1/2	110,164	1/2	120,870	1/2	131,544	1/2	142,190	1/2	151,227	1/2		1/2		1/2		1/2		1/2	
3/4	110,388	3/4	121,093	3/4	131,765	3/4	142,412	3/4	151,279	3/4		3/4		3/4		3/4		3/4	
7	110,611	7	121,316	7	131,987	7	142,634	7	151,332	7		7		7		7		7	
1/4	110,834	1/4	121,539	1/4	132,209	1/4	142,856	1/4	151,347	1/4		1/4		1/4		1/4		1/4	
1/2	111,057	1/2	121,762	1/2	132,431	1/2	143,078	1/2	151,362	1/2		1/2		1/2		1/2		1/2	
3/4	111,280	3/4	121,985	3/4	132,653	3/4	143,299	3/4	151,377	3/4		3/4		3/4		3/4		3/4	
8	111,503	8	122,208	8	132,874	8	143,521	8		8		8		8		8		8	
1/4	111,726	1/4	122,431	1/4	133,096	1/4	143,741	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,949	1/2	122,654	1/2	133,318	1/2	143,961	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,172	3/4	122,877	3/4	133,540	3/4	144,181	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,395	9	123,100	9	133,762	9	144,400	9		9		9		9		9		9	
1/4	112,618	1/4	123,323	1/4	133,983	1/4	144,620	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,841	1/2	123,546	1/2	134,205	1/2	144,840	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,064	3/4	123,769	3/4	134,427	3/4	145,060	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,287	10	123,992	10	134,649	10	145,279	10		10		10		10		10		10	
1/4	113,510	1/4	124,215	1/4	134,871	1/4	145,499	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,733	1/2	124,438	1/2	135,093	1/2	145,719	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,956	3/4	124,661	3/4	135,314	3/4	145,939	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,179	11	124,884	11	135,536	11	146,158	11		11		11		11		11		11	
1/4	114,402	1/4	125,108	1/4	135,758	1/4	146,378	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,625	1/2	125,331	1/2	135,980	1/2	146,598	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,848	3/4	125,554	3/4	136,202	3/4	146,818	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2015 SW
CALCULATED: 08/28/2015 CL
PRINTED: 08/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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



BARGE "CBC 1386"

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	9,043	0	21,107	0	33,024	0	44,941	0	57,006	0	69,070	0	81,134	0	93,198	0	105,260
1/4	60	1/4	9,294	1/4	21,358	1/4	33,268	1/4	45,193	1/4	57,257	1/4	69,321	1/4	81,385	1/4	93,450	1/4	105,512
1/2	81	1/2	9,546	1/2	21,610	1/2	33,512	1/2	45,444	1/2	57,508	1/2	69,573	1/2	81,637	1/2	93,701	1/2	105,763
3/4	102	3/4	9,797	3/4	21,861	3/4	33,756	3/4	45,695	3/4	57,760	3/4	69,824	3/4	81,888	3/4	93,952	3/4	106,014
1	123	1	10,048	1	22,112	1	34,000	1	45,947	1	58,011	1	70,075	1	82,139	1	94,203	1	106,266
1/4	186	1/4	10,300	1/4	22,364	1/4	34,244	1/4	46,198	1/4	58,262	1/4	70,327	1/4	82,391	1/4	94,455	1/4	106,517
1/2	249	1/2	10,551	1/2	22,615	1/2	34,488	1/2	46,449	1/2	58,514	1/2	70,578	1/2	82,642	1/2	94,706	1/2	106,768
3/4	311	3/4	10,802	3/4	22,866	3/4	34,732	3/4	46,701	3/4	58,765	3/4	70,829	3/4	82,893	3/4	94,957	3/4	107,019
2	374	2	11,054	2	23,117	2	34,975	2	46,952	2	59,016	2	71,081	2	83,145	2	95,209	2	107,271
1/4	479	1/4	11,305	1/4	23,369	1/4	35,219	1/4	47,203	1/4	59,268	1/4	71,332	1/4	83,396	1/4	95,460	1/4	107,522
1/2	584	1/2	11,556	1/2	23,620	1/2	35,463	1/2	47,455	1/2	59,519	1/2	71,583	1/2	83,647	1/2	95,711	1/2	107,773
3/4	688	3/4	11,808	3/4	23,871	3/4	35,707	3/4	47,706	3/4	59,770	3/4	71,835	3/4	83,899	3/4	95,962	3/4	108,025
3	793	3	12,059	3	24,123	3	35,951	3	47,958	3	60,022	3	72,086	3	84,150	3	96,214	3	108,276
1/4	940	1/4	12,310	1/4	24,374	1/4	36,195	1/4	48,209	1/4	60,273	1/4	72,337	1/4	84,401	1/4	96,465	1/4	108,527
1/2	1,086	1/2	12,562	1/2	24,625	1/2	36,439	1/2	48,460	1/2	60,524	1/2	72,589	1/2	84,653	1/2	96,716	1/2	108,778
3/4	1,233	3/4	12,813	3/4	24,877	3/4	36,683	3/4	48,712	3/4	60,776	3/4	72,840	3/4	84,904	3/4	96,968	3/4	109,030
4	1,380	4	13,064	4	25,128	4	36,927	4	48,963	4	61,027	4	73,091	4	85,155	4	97,219	4	109,281
1/4	1,568	1/4	13,316	1/4	25,379	1/4	37,171	1/4	49,214	1/4	61,278	1/4	73,343	1/4	85,407	1/4	97,470	1/4	109,532
1/2	1,757	1/2	13,567	1/2	25,631	1/2	37,415	1/2	49,466	1/2	61,530	1/2	73,594	1/2	85,658	1/2	97,722	1/2	109,784
3/4	1,945	3/4	13,818	3/4	25,882	3/4	37,660	3/4	49,717	3/4	61,781	3/4	73,845	3/4	85,909	3/4	97,973	3/4	110,035
5	2,134	5	14,070	5	26,133	5	37,904	5	49,968	5	62,032	5	74,097	5	86,161	5	98,224	5	110,286
1/4	2,363	1/4	14,321	1/4	26,385	1/4	38,155	1/4	50,220	1/4	62,284	1/4	74,348	1/4	86,412	1/4	98,475	1/4	110,538
1/2	2,593	1/2	14,572	1/2	26,636	1/2	38,407	1/2	50,471	1/2	62,535	1/2	74,599	1/2	86,663	1/2	98,727	1/2	110,789
3/4	2,823	3/4	14,824	3/4	26,887	3/4	38,658	3/4	50,722	3/4	62,786	3/4	74,851	3/4	86,915	3/4	98,978	3/4	111,040
6	3,052	6	15,075	6	27,139	6	38,909	6	50,974	6	63,038	6	75,102	6	87,166	6	99,229	6	111,291
1/4	3,299	1/4	15,326	1/4	27,390	1/4	39,161	1/4	51,225	1/4	63,289	1/4	75,353	1/4	87,417	1/4	99,481	1/4	111,543
1/2	3,545	1/2	15,578	1/2	27,641	1/2	39,412	1/2	51,476	1/2	63,540	1/2	75,605	1/2	87,669	1/2	99,732	1/2	111,794
3/4	3,791	3/4	15,829	3/4	27,893	3/4	39,663	3/4	51,728	3/4	63,792	3/4	75,856	3/4	87,920	3/4	99,983	3/4	112,045
7	4,038	7	16,080	7	28,144	7	39,915	7	51,979	7	64,043	7	76,107	7	88,172	7	100,234	7	112,297
1/4	4,286	1/4	16,332	1/4	28,388	1/4	40,166	1/4	52,230	1/4	64,294	1/4	76,359	1/4	88,423	1/4	100,486	1/4	112,548
1/2	4,535	1/2	16,583	1/2	28,633	1/2	40,417	1/2	52,482	1/2	64,546	1/2	76,610	1/2	88,674	1/2	100,737	1/2	112,799
3/4	4,783	3/4	16,834	3/4	28,877	3/4	40,669	3/4	52,733	3/4	64,797	3/4	76,861	3/4	88,926	3/4	100,988	3/4	113,051
8	5,032	8	17,086	8	29,121	8	40,920	8	52,984	8	65,048	8	77,113	8	89,177	8	101,240	8	113,302
1/4	5,282	1/4	17,337	1/4	29,365	1/4	41,171	1/4	53,236	1/4	65,300	1/4	77,364	1/4	89,428	1/4	101,491	1/4	113,553
1/2	5,531	1/2	17,588	1/2	29,609	1/2	41,423	1/2	53,487	1/2	65,551	1/2	77,615	1/2	89,680	1/2	101,742	1/2	113,804
3/4	5,781	3/4	17,840	3/4	29,853	3/4	41,674	3/4	53,738	3/4	65,802	3/4	77,867	3/4	89,931	3/4	101,994	3/4	114,056
9	6,031	9	18,091	9	30,097	9	41,925	9	53,990	9	66,054	9	78,118	9	90,182	9	102,245	9	114,307
1/4	6,282	1/4	18,342	1/4	30,341	1/4	42,177	1/4	54,241	1/4	66,305	1/4	78,369	1/4	90,434	1/4	102,496	1/4	114,558
1/2	6,532	1/2	18,594	1/2	30,585	1/2	42,428	1/2	54,492	1/2	66,556	1/2	78,621	1/2	90,685	1/2	102,747	1/2	114,810
3/4	6,783	3/4	18,845	3/4	30,829	3/4	42,679	3/4	54,744	3/4	66,808	3/4	78,872	3/4	90,936	3/4	102,999	3/4	115,061
10	7,033	10	19,096	10	31,073	10	42,931	10	54,995	10	67,059	10	79,123	10	91,188	10	103,250	10	115,312
1/4	7,285	1/4	19,348	1/4	31,317	1/4	43,182	1/4	55,246	1/4	67,310	1/4	79,375	1/4	91,439	1/4	103,501	1/4	115,563
1/2	7,536	1/2	19,599	1/2	31,560	1/2	43,433	1/2	55,498	1/2	67,562	1/2	79,626	1/2	91,690	1/2	103,753	1/2	115,815
3/4	7,787	3/4	19,850	3/4	31,804	3/4	43,685	3/4	55,749	3/4	67,813	3/4	79,877	3/4	91,942	3/4	104,004	3/4	116,066
11	8,038	11	20,102	11	32,048	11	43,936	11	56,000	11	68,065	11	80,129	11	92,193	11	104,255	11	116,317
1/4	8,289	1/4	20,353	1/4	32,292	1/4	44,187	1/4	56,252	1/4	68,316	1/4	80,380	1/4	92,444	1/4	104,506	1/4	116,569
1/2	8,540	1/2	20,604	1/2	32,536	1/2	44,439	1/2	56,503	1/2	68,567	1/2	80,631	1/2	92,696	1/2	104,758	1/2	116,820
3/4	8,792	3/4	20,856	3/4	32,780	3/4	44,690	3/4	56,754	3/4	68,819	3/4	80,883	3/4	92,947	3/4	105,009	3/4	117,071

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 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1386"

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	117,323	0	129,385	0	141,447	0	153,442	0	165,400	0		0		0		0		0	
1/4	117,574	1/4	129,636	1/4	141,697	1/4	153,692	1/4	165,648	1/4		1/4		1/4		1/4		1/4	
1/2	117,825	1/2	129,887	1/2	141,947	1/2	153,942	1/2	165,895	1/2		1/2		1/2		1/2		1/2	
3/4	118,076	3/4	130,139	3/4	142,196	3/4	154,192	3/4	166,143	3/4		3/4		3/4		3/4		3/4	
1	118,328	1	130,390	1	142,446	1	154,441	1	166,390	1		1		1		1		1	
1/4	118,579	1/4	130,641	1/4	142,696	1/4	154,691	1/4	166,638	1/4		1/4		1/4		1/4		1/4	
1/2	118,830	1/2	130,892	1/2	142,946	1/2	154,941	1/2	166,885	1/2		1/2		1/2		1/2		1/2	
3/4	119,082	3/4	131,144	3/4	143,196	3/4	155,191	3/4	167,133	3/4		3/4		3/4		3/4		3/4	
2	119,333	2	131,395	2	143,446	2	155,441	2	167,381	2		2		2		2		2	
1/4	119,584	1/4	131,646	1/4	143,696	1/4	155,691	1/4	167,607	1/4		1/4		1/4		1/4		1/4	
1/2	119,835	1/2	131,898	1/2	143,946	1/2	155,941	1/2	167,834	1/2		1/2		1/2		1/2		1/2	
3/4	120,087	3/4	132,149	3/4	144,196	3/4	156,191	3/4	168,061	3/4		3/4		3/4		3/4		3/4	
3	120,338	3	132,400	3	144,446	3	156,441	3	168,287	3		3		3		3		3	
1/4	120,589	1/4	132,651	1/4	144,695	1/4	156,690	1/4	168,472	1/4		1/4		1/4		1/4		1/4	
1/2	120,841	1/2	132,903	1/2	144,945	1/2	156,940	1/2	168,657	1/2		1/2		1/2		1/2		1/2	
3/4	121,092	3/4	133,154	3/4	145,195	3/4	157,190	3/4	168,841	3/4		3/4		3/4		3/4		3/4	
4	121,343	4	133,405	4	145,445	4	157,440	4	169,026	4		4		4		4		4	
1/4	121,595	1/4	133,657	1/4	145,695	1/4	157,690	1/4	169,169	1/4		1/4		1/4		1/4		1/4	
1/2	121,846	1/2	133,908	1/2	145,945	1/2	157,940	1/2	169,312	1/2		1/2		1/2		1/2		1/2	
3/4	122,097	3/4	134,159	3/4	146,195	3/4	158,190	3/4	169,455	3/4		3/4		3/4		3/4		3/4	
5	122,348	5	134,411	5	146,445	5	158,440	5	169,598	5		5		5		5		5	
1/4	122,600	1/4	134,662	1/4	146,695	1/4	158,690	1/4	169,699	1/4		1/4		1/4		1/4		1/4	
1/2	122,851	1/2	134,913	1/2	146,944	1/2	158,940	1/2	169,800	1/2		1/2		1/2		1/2		1/2	
3/4	123,102	3/4	135,164	3/4	147,194	3/4	159,189	3/4	169,901	3/4		3/4		3/4		3/4		3/4	
6	123,354	6	135,416	6	147,444	6	159,439	6	170,002	6		6		6		6		6	
1/4	123,605	1/4	135,667	1/4	147,694	1/4	159,689	1/4	170,061	1/4		1/4		1/4		1/4		1/4	
1/2	123,856	1/2	135,918	1/2	147,944	1/2	159,939	1/2	170,120	1/2		1/2		1/2		1/2		1/2	
3/4	124,107	3/4	136,170	3/4	148,194	3/4	160,189	3/4	170,179	3/4		3/4		3/4		3/4		3/4	
7	124,359	7	136,421	7	148,444	7	160,439	7	170,238	7		7		7		7		7	
1/4	124,610	1/4	136,672	1/4	148,694	1/4	160,689	1/4	170,255	1/4		1/4		1/4		1/4		1/4	
1/2	124,861	1/2	136,923	1/2	148,944	1/2	160,939	1/2	170,272	1/2		1/2		1/2		1/2		1/2	
3/4	125,113	3/4	137,175	3/4	149,194	3/4	161,189	3/4	170,289	3/4		3/4		3/4		3/4		3/4	
8	125,364	8	137,426	8	149,443	8	161,439	8	170,289	8		8		8		8		8	
1/4	125,615	1/4	137,677	1/4	149,693	1/4	161,686	1/4	170,289	1/4		1/4		1/4		1/4		1/4	
1/2	125,867	1/2	137,929	1/2	149,943	1/2	161,934	1/2	170,289	1/2		1/2		1/2		1/2		1/2	
3/4	126,118	3/4	138,180	3/4	150,193	3/4	162,181	3/4	170,289	3/4		3/4		3/4		3/4		3/4	
9	126,369	9	138,431	9	150,443	9	162,429	9	170,289	9		9		9		9		9	
1/4	126,620	1/4	138,683	1/4	150,693	1/4	162,676	1/4	170,289	1/4		1/4		1/4		1/4		1/4	
1/2	126,872	1/2	138,934	1/2	150,943	1/2	162,924	1/2	170,289	1/2		1/2		1/2		1/2		1/2	
3/4	127,123	3/4	139,185	3/4	151,193	3/4	163,172	3/4	170,289	3/4		3/4		3/4		3/4		3/4	
10	127,374	10	139,436	10	151,443	10	163,419	10	170,289	10		10		10		10		10	
1/4	127,626	1/4	139,688	1/4	151,693	1/4	163,667	1/4	170,289	1/4		1/4		1/4		1/4		1/4	
1/2	127,877	1/2	139,939	1/2	151,942	1/2	163,914	1/2	170,289	1/2		1/2		1/2		1/2		1/2	
3/4	128,128	3/4	140,190	3/4	152,192	3/4	164,162	3/4	170,289	3/4		3/4		3/4		3/4		3/4	
11	128,379	11	140,442	11	152,442	11	164,410	11	170,289	11		11		11		11		11	
1/4	128,631	1/4	140,693	1/4	152,692	1/4	164,657	1/4	170,289	1/4		1/4		1/4		1/4		1/4	
1/2	128,882	1/2	140,944	1/2	152,942	1/2	164,905	1/2	170,289	1/2		1/2		1/2		1/2		1/2	
3/4	129,133	3/4	141,195	3/4	153,192	3/4	165,152	3/4	170,289	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2015 SW
CALCULATED: 08/28/2015 CL
PRINTED: 08/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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



BARGE "CBC 1386"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	8,104	0	18,909	0	29,563	0	40,248	0	51,025	0	61,802	0	72,556	0	83,312	0	94,093
1/4	58	1/4	8,329	1/4	19,134	1/4	29,782	1/4	40,472	1/4	51,249	1/4	62,027	1/4	72,779	1/4	83,537	1/4	94,317
1/2	77	1/2	8,554	1/2	19,359	1/2	30,001	1/2	40,697	1/2	51,474	1/2	62,251	1/2	73,003	1/2	83,761	1/2	94,542
3/4	96	3/4	8,779	3/4	19,584	3/4	30,220	3/4	40,921	3/4	51,698	3/4	62,476	3/4	73,226	3/4	83,986	3/4	94,767
1	114	1	9,004	1	19,809	1	30,438	1	41,146	1	51,923	1	62,700	1	73,449	1	84,211	1	94,991
1/4	171	1/4	9,229	1/4	20,034	1/4	30,657	1/4	41,370	1/4	52,148	1/4	62,925	1/4	73,672	1/4	84,435	1/4	95,216
1/2	227	1/2	9,454	1/2	20,259	1/2	30,876	1/2	41,595	1/2	52,372	1/2	63,149	1/2	73,895	1/2	84,660	1/2	95,440
3/4	283	3/4	9,679	3/4	20,485	3/4	31,094	3/4	41,819	3/4	52,597	3/4	63,374	3/4	74,118	3/4	84,884	3/4	95,665
2	340	2	9,904	2	20,710	2	31,313	2	42,044	2	52,821	2	63,598	2	74,342	2	85,109	2	95,890
1/4	433	1/4	10,130	1/4	20,935	1/4	31,532	1/4	42,268	1/4	53,046	1/4	63,823	1/4	74,565	1/4	85,334	1/4	96,114
1/2	527	1/2	10,355	1/2	21,160	1/2	31,751	1/2	42,493	1/2	53,270	1/2	64,047	1/2	74,788	1/2	85,558	1/2	96,339
3/4	621	3/4	10,580	3/4	21,385	3/4	31,969	3/4	42,717	3/4	53,495	3/4	64,272	3/4	75,011	3/4	85,783	3/4	96,563
3	715	3	10,805	3	21,610	3	32,188	3	42,942	3	53,719	3	64,497	3	75,234	3	86,007	3	96,788
1/4	846	1/4	11,030	1/4	21,835	1/4	32,407	1/4	43,166	1/4	53,944	1/4	64,721	1/4	75,458	1/4	86,232	1/4	97,013
1/2	977	1/2	11,255	1/2	22,060	1/2	32,625	1/2	43,391	1/2	54,168	1/2	64,946	1/2	75,681	1/2	86,457	1/2	97,237
3/4	1,109	3/4	11,480	3/4	22,285	3/4	32,844	3/4	43,616	3/4	54,393	3/4	65,170	3/4	75,904	3/4	86,681	3/4	97,462
4	1,240	4	11,705	4	22,511	4	33,063	4	43,840	4	54,617	4	65,395	4	76,127	4	86,906	4	97,686
1/4	1,409	1/4	11,930	1/4	22,736	1/4	33,287	1/4	44,065	1/4	54,842	1/4	65,619	1/4	76,351	1/4	87,130	1/4	97,911
1/2	1,577	1/2	12,156	1/2	22,961	1/2	33,512	1/2	44,289	1/2	55,066	1/2	65,844	1/2	76,575	1/2	87,355	1/2	98,135
3/4	1,746	3/4	12,381	3/4	23,186	3/4	33,736	3/4	44,514	3/4	55,291	3/4	66,068	3/4	76,799	3/4	87,579	3/4	98,360
5	1,915	5	12,606	5	23,411	5	33,961	5	44,738	5	55,515	5	66,293	5	77,023	5	87,804	5	98,585
1/4	2,121	1/4	12,831	1/4	23,636	1/4	34,185	1/4	44,963	1/4	55,740	1/4	66,517	1/4	77,247	1/4	88,029	1/4	98,809
1/2	2,326	1/2	13,056	1/2	23,861	1/2	34,410	1/2	45,187	1/2	55,965	1/2	66,742	1/2	77,472	1/2	88,253	1/2	99,034
3/4	2,532	3/4	13,281	3/4	24,086	3/4	34,634	3/4	45,412	3/4	56,189	3/4	66,966	3/4	77,696	3/4	88,478	3/4	99,258
6	2,738	6	13,506	6	24,311	6	34,859	6	45,636	6	56,414	6	67,191	6	77,921	6	88,702	6	99,483
1/4	2,959	1/4	13,731	1/4	24,531	1/4	35,084	1/4	45,861	1/4	56,638	1/4	67,415	1/4	78,146	1/4	88,927	1/4	99,708
1/2	3,179	1/2	13,956	1/2	24,750	1/2	35,308	1/2	46,085	1/2	56,863	1/2	67,639	1/2	78,370	1/2	89,152	1/2	99,932
3/4	3,400	3/4	14,182	3/4	24,969	3/4	35,533	3/4	46,310	3/4	57,087	3/4	67,863	3/4	78,595	3/4	89,376	3/4	100,157
7	3,620	7	14,407	7	25,188	7	35,757	7	46,534	7	57,312	7	68,087	7	78,820	7	89,601	7	100,381
1/4	3,843	1/4	14,632	1/4	25,407	1/4	35,982	1/4	46,759	1/4	57,536	1/4	68,311	1/4	79,044	1/4	89,825	1/4	100,606
1/2	4,066	1/2	14,857	1/2	25,626	1/2	36,206	1/2	46,983	1/2	57,761	1/2	68,534	1/2	79,269	1/2	90,050	1/2	100,831
3/4	4,288	3/4	15,082	3/4	25,845	3/4	36,431	3/4	47,208	3/4	57,985	3/4	68,758	3/4	79,493	3/4	90,275	3/4	101,055
8	4,511	8	15,307	8	26,064	8	36,655	8	47,432	8	58,210	8	68,982	8	79,718	8	90,499	8	101,280
1/4	4,734	1/4	15,532	1/4	26,283	1/4	36,880	1/4	47,657	1/4	58,434	1/4	69,206	1/4	79,943	1/4	90,724	1/4	101,504
1/2	4,958	1/2	15,757	1/2	26,502	1/2	37,104	1/2	47,882	1/2	58,659	1/2	69,430	1/2	80,167	1/2	90,948	1/2	101,729
3/4	5,182	3/4	15,982	3/4	26,720	3/4	37,329	3/4	48,106	3/4	58,883	3/4	69,654	3/4	80,392	3/4	91,173	3/4	101,954
9	5,406	9	16,208	9	26,939	9	37,553	9	48,331	9	59,108	9	69,878	9	80,617	9	91,398	9	102,178
1/4	5,630	1/4	16,433	1/4	27,158	1/4	37,778	1/4	48,555	1/4	59,332	1/4	70,101	1/4	80,841	1/4	91,622	1/4	102,403
1/2	5,855	1/2	16,658	1/2	27,376	1/2	38,002	1/2	48,780	1/2	59,557	1/2	70,324	1/2	81,066	1/2	91,847	1/2	102,627
3/4	6,079	3/4	16,883	3/4	27,595	3/4	38,227	3/4	49,004	3/4	59,781	3/4	70,548	3/4	81,290	3/4	92,071	3/4	102,852
10	6,304	10	17,108	10	27,814	10	38,451	10	49,229	10	60,006	10	70,771	10	81,515	10	92,296	10	103,077
1/4	6,529	1/4	17,333	1/4	28,033	1/4	38,676	1/4	49,453	1/4	60,231	1/4	70,994	1/4	81,740	1/4	92,521	1/4	103,301
1/2	6,753	1/2	17,558	1/2	28,251	1/2	38,900	1/2	49,678	1/2	60,455	1/2	71,217	1/2	81,964	1/2	92,745	1/2	103,526
3/4	6,978	3/4	17,783	3/4	28,470	3/4	39,125	3/4	49,902	3/4	60,680	3/4	71,440	3/4	82,189	3/4	92,970	3/4	103,750
11	7,203	11	18,008	11	28,689	11	39,350	11	50,127	11	60,904	11	71,664	11	82,414	11	93,194	11	103,975
1/4	7,428	1/4	18,234	1/4	28,907	1/4	39,574	1/4	50,351	1/4	61,129	1/4	71,887	1/4	82,638	1/4	93,419	1/4	104,200
1/2	7,653	1/2	18,459	1/2	29,126	1/2	39,799	1/2	50,576	1/2	61,353	1/2	72,110	1/2	82,863	1/2	93,644	1/2	104,424
3/4	7,878	3/4	18,684	3/4	29,345	3/4	40,023	3/4	50,800	3/4	61,578	3/4	72,333	3/4	83,088	3/4	93,868	3/4	104,649

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 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 1386"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	104,873	0	114,990	0	124,464	0	133,896	0	143,312	0		0		0		0		0	
1/4	105,098	1/4	115,187	1/4	124,661	1/4	134,093	1/4	143,506	1/4		1/4		1/4		1/4		1/4	
1/2	105,322	1/2	115,384	1/2	124,857	1/2	134,290	1/2	143,701	1/2		1/2		1/2		1/2		1/2	
3/4	105,546	3/4	115,582	3/4	125,054	3/4	134,486	3/4	143,896	3/4		3/4		3/4		3/4		3/4	
1	105,771	1	115,779	1	125,251	1	134,683	1	144,091	1		1		1		1		1	
1/4	105,995	1/4	115,976	1/4	125,448	1/4	134,880	1/4	144,286	1/4		1/4		1/4		1/4		1/4	
1/2	106,219	1/2	116,174	1/2	125,645	1/2	135,077	1/2	144,480	1/2		1/2		1/2		1/2		1/2	
3/4	106,444	3/4	116,371	3/4	125,842	3/4	135,274	3/4	144,675	3/4		3/4		3/4		3/4		3/4	
2	106,668	2	116,569	2	126,039	2	135,471	2	144,870	2		2		2		2		2	
1/4	106,893	1/4	116,766	1/4	126,235	1/4	135,668	1/4	145,074	1/4		1/4		1/4		1/4		1/4	
1/2	107,117	1/2	116,963	1/2	126,432	1/2	135,864	1/2	145,277	1/2		1/2		1/2		1/2		1/2	
3/4	107,341	3/4	117,161	3/4	126,629	3/4	136,061	3/4	145,481	3/4		3/4		3/4		3/4		3/4	
3	107,566	3	117,358	3	126,826	3	136,258	3	145,685	3		3		3		3		3	
1/4	107,790	1/4	117,556	1/4	127,023	1/4	136,455	1/4	145,851	1/4		1/4		1/4		1/4		1/4	
1/2	108,014	1/2	117,753	1/2	127,220	1/2	136,652	1/2	146,017	1/2		1/2		1/2		1/2		1/2	
3/4	108,239	3/4	117,950	3/4	127,417	3/4	136,849	3/4	146,183	3/4		3/4		3/4		3/4		3/4	
4	108,463	4	118,148	4	127,613	4	137,046	4	146,349	4		4		4		4		4	
1/4	108,687	1/4	118,345	1/4	127,810	1/4	137,242	1/4	146,478	1/4		1/4		1/4		1/4		1/4	
1/2	108,912	1/2	118,542	1/2	128,007	1/2	137,439	1/2	146,607	1/2		1/2		1/2		1/2		1/2	
3/4	109,136	3/4	118,740	3/4	128,204	3/4	137,636	3/4	146,735	3/4		3/4		3/4		3/4		3/4	
5	109,360	5	118,937	5	128,401	5	137,833	5	146,864	5		5		5		5		5	
1/4	109,585	1/4	119,135	1/4	128,598	1/4	138,030	1/4	146,955	1/4		1/4		1/4		1/4		1/4	
1/2	109,809	1/2	119,332	1/2	128,795	1/2	138,227	1/2	147,046	1/2		1/2		1/2		1/2		1/2	
3/4	110,033	3/4	119,529	3/4	128,991	3/4	138,423	3/4	147,137	3/4		3/4		3/4		3/4		3/4	
6	110,258	6	119,727	6	129,188	6	138,620	6	147,228	6		6		6		6		6	
1/4	110,455	1/4	119,924	1/4	129,384	1/4	138,817	1/4	147,282	1/4		1/4		1/4		1/4		1/4	
1/2	110,652	1/2	120,121	1/2	129,581	1/2	139,014	1/2	147,336	1/2		1/2		1/2		1/2		1/2	
3/4	110,849	3/4	120,319	3/4	129,777	3/4	139,211	3/4	147,389	3/4		3/4		3/4		3/4		3/4	
7	111,046	7	120,516	7	129,973	7	139,408	7	147,443	7		7		7		7		7	
1/4	111,244	1/4	120,714	1/4	130,169	1/4	139,605	1/4	147,459	1/4		1/4		1/4		1/4		1/4	
1/2	111,441	1/2	120,911	1/2	130,365	1/2	139,801	1/2	147,475	1/2		1/2		1/2		1/2		1/2	
3/4	111,638	3/4	121,108	3/4	130,561	3/4	139,998	3/4	147,491	3/4		3/4		3/4		3/4		3/4	
8	111,835	8	121,306	8	130,757	8	140,195	8		8		8		8		8		8	
1/4	112,032	1/4	121,503	1/4	130,954	1/4	140,390	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,229	1/2	121,700	1/2	131,150	1/2	140,585	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,426	3/4	121,898	3/4	131,346	3/4	140,779	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,624	9	122,095	9	131,542	9	140,974	9		9		9		9		9		9	
1/4	112,821	1/4	122,293	1/4	131,738	1/4	141,169	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,018	1/2	122,490	1/2	131,934	1/2	141,364	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,215	3/4	122,687	3/4	132,131	3/4	141,559	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,412	10	122,885	10	132,327	10	141,753	10		10		10		10		10		10	
1/4	113,609	1/4	123,082	1/4	132,523	1/4	141,948	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,807	1/2	123,279	1/2	132,719	1/2	142,143	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,004	3/4	123,477	3/4	132,915	3/4	142,338	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,201	11	123,674	11	133,111	11	142,533	11		11		11		11		11		11	
1/4	114,398	1/4	123,872	1/4	133,307	1/4	142,727	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,595	1/2	124,069	1/2	133,504	1/2	142,922	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,792	3/4	124,266	3/4	133,700	3/4	143,117	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2015 SW
CALCULATED: 08/28/2015 CL
PRINTED: 08/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1386"

ULLAGE TRIM TABLE

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

(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 - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

August 28, 2015

PRECISION MEASUREMENT
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 Pearland, Texas 77588

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BARGE "CBC 1386"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	151,362	0	143,078	0	132,431	0	121,762	0	111,057	0	100,351	0	89,646	0	78,940
1/4	1/4	1/4	1/4	1/4	151,347	1/4	142,856	1/4	132,209	1/4	121,539	1/4	110,834	1/4	100,128	1/4	89,423	1/4	78,716
1/2	1/2	1/2	1/2	1/2	151,332	1/2	142,634	1/2	131,987	1/2	121,316	1/2	110,611	1/2	99,905	1/2	89,200	1/2	78,493
3/4	3/4	3/4	3/4	3/4	151,279	3/4	142,412	3/4	131,765	3/4	121,093	3/4	110,388	3/4	99,682	3/4	88,977	3/4	78,270
1	1	1	1	1	151,227	1	142,190	1	131,544	1	120,870	1	110,164	1	99,459	1	88,754	1	78,047
1/4	1/4	1/4	1/4	1/4	151,174	1/4	141,969	1/4	131,322	1/4	120,647	1/4	109,941	1/4	99,236	1/4	88,531	1/4	77,824
1/2	1/2	1/2	1/2	1/2	151,122	1/2	141,747	1/2	131,100	1/2	120,424	1/2	109,718	1/2	99,013	1/2	88,308	1/2	77,601
3/4	3/4	3/4	3/4	3/4	151,032	3/4	141,525	3/4	130,878	3/4	120,201	3/4	109,495	3/4	98,790	3/4	88,084	3/4	77,378
2	2	2	2	2	150,943	2	141,303	2	130,656	2	119,978	2	109,272	2	98,567	2	87,861	2	77,155
1/4	1/4	1/4	1/4	1/4	150,853	1/4	141,081	1/4	130,435	1/4	119,755	1/4	109,049	1/4	98,344	1/4	87,638	1/4	76,932
1/2	1/2	1/2	1/2	1/2	150,763	1/2	140,860	1/2	130,213	1/2	119,532	1/2	108,826	1/2	98,121	1/2	87,415	1/2	76,709
3/4	3/4	3/4	3/4	3/4	150,636	3/4	140,638	3/4	129,991	3/4	119,309	3/4	108,603	3/4	97,898	3/4	87,192	3/4	76,486
3	3	3	3	3	150,510	3	140,416	3	129,769	3	119,086	3	108,380	3	97,675	3	86,969	3	76,263
1/4	1/4	1/4	1/4	1/4	150,383	1/4	140,194	1/4	129,547	1/4	118,863	1/4	108,157	1/4	97,452	1/4	86,746	1/4	76,040
1/2	1/2	1/2	1/2	1/2	150,256	1/2	139,972	1/2	129,326	1/2	118,640	1/2	107,934	1/2	97,229	1/2	86,523	1/2	75,817
3/4	3/4	3/4	3/4	3/4	150,092	3/4	139,750	3/4	129,104	3/4	118,417	3/4	107,711	3/4	97,006	3/4	86,300	3/4	75,594
4	4	4	4	4	149,928	4	139,529	4	128,882	4	118,194	4	107,488	4	96,783	4	86,077	4	75,370
1/4	1/4	1/4	1/4	1/4	149,764	1/4	139,307	1/4	128,660	1/4	117,971	1/4	107,265	1/4	96,560	1/4	85,854	1/4	75,147
1/2	1/2	1/2	1/2	1/2	149,600	1/2	139,085	1/2	128,438	1/2	117,748	1/2	107,042	1/2	96,337	1/2	85,631	1/2	74,924
3/4	3/4	3/4	3/4	3/4	149,399	3/4	138,863	3/4	128,216	3/4	117,524	3/4	106,819	3/4	96,114	3/4	85,408	3/4	74,701
5	5	5	5	5	149,198	5	138,641	5	127,995	5	117,301	5	106,596	5	95,891	5	85,185	5	74,478
1/4	1/4	1/4	1/4	1/4	148,997	1/4	138,420	1/4	127,773	1/4	117,078	1/4	106,373	1/4	95,668	1/4	84,962	1/4	74,255
1/2	1/2	1/2	1/2	1/2	148,795	1/2	138,198	1/2	127,551	1/2	116,855	1/2	106,150	1/2	95,444	1/2	84,739	1/2	74,032
3/4	3/4	3/4	3/4	3/4	148,576	3/4	137,976	3/4	127,329	3/4	116,632	3/4	105,927	3/4	95,221	3/4	84,516	3/4	73,809
6	6	6	6	6	148,356	6	137,754	6	127,107	6	116,409	6	105,704	6	94,998	6	84,293	6	73,586
1/4	1/4	1/4	1/4	1/4	148,136	1/4	137,532	1/4	126,886	1/4	116,186	1/4	105,481	1/4	94,775	1/4	84,070	1/4	73,363
1/2	1/2	1/2	1/2	1/2	147,916	1/2	137,311	1/2	126,664	1/2	115,963	1/2	105,258	1/2	94,552	1/2	83,847	1/2	73,140
3/4	3/4	3/4	3/4	3/4	147,697	3/4	137,089	3/4	126,442	3/4	115,740	3/4	105,035	3/4	94,329	3/4	83,624	3/4	72,917
7	7	7	7	7	147,477	7	136,867	7	126,220	7	115,517	7	104,812	7	94,106	7	83,401	7	72,694
1/4	1/4	1/4	1/4	1/4	147,257	1/4	136,645	1/4	125,998	1/4	115,294	1/4	104,589	1/4	93,883	1/4	83,178	1/4	72,471
1/2	1/2	1/2	1/2	1/2	147,037	1/2	136,423	1/2	125,777	1/2	115,071	1/2	104,366	1/2	93,660	1/2	82,955	1/2	72,248
3/4	3/4	3/4	3/4	3/4	146,818	3/4	136,202	3/4	125,554	3/4	114,848	3/4	104,143	3/4	93,437	3/4	82,732	3/4	72,024
8	8	8	8	8	146,598	8	135,980	8	125,331	8	114,625	8	103,920	8	93,214	8	82,509	8	71,801
1/4	1/4	1/4	1/4	1/4	146,378	1/4	135,758	1/4	125,108	1/4	114,402	1/4	103,697	1/4	92,991	1/4	82,286	1/4	71,578
1/2	1/2	1/2	1/2	1/2	146,158	1/2	135,536	1/2	124,884	1/2	114,179	1/2	103,474	1/2	92,768	1/2	82,063	1/2	71,355
3/4	3/4	3/4	3/4	3/4	145,939	3/4	135,314	3/4	124,661	3/4	113,956	3/4	103,251	3/4	92,545	3/4	81,839	3/4	71,132
9	9	9	9	9	145,719	9	135,093	9	124,438	9	113,733	9	103,028	9	92,322	9	81,616	9	70,909
1/4	1/4	1/4	1/4	1/4	145,499	1/4	134,871	1/4	124,215	1/4	113,510	1/4	102,804	1/4	92,099	1/4	81,393	1/4	70,686
1/2	1/2	1/2	1/2	1/2	145,279	1/2	134,649	1/2	123,992	1/2	113,287	1/2	102,581	1/2	91,876	1/2	81,170	1/2	70,463
3/4	3/4	3/4	3/4	3/4	145,060	3/4	134,427	3/4	123,769	3/4	113,064	3/4	102,358	3/4	91,653	3/4	80,947	3/4	70,240
10	10	10	10	10	144,840	10	134,205	10	123,546	10	112,841	10	102,135	10	91,430	10	80,724	10	70,017
1/4	1/4	1/4	1/4	1/4	144,620	1/4	133,983	1/4	123,323	1/4	112,618	1/4	101,912	1/4	91,207	1/4	80,501	1/4	69,794
1/2	1/2	1/2	1/2	1/2	144,400	1/2	133,762	1/2	123,100	1/2	112,395	1/2	101,689	1/2	90,984	1/2	80,278	1/2	69,571
3/4	3/4	3/4	3/4	3/4	144,181	3/4	133,540	3/4	122,877	3/4	112,172	3/4	101,466	3/4	90,761	3/4	80,055	3/4	69,348
11	11	11	11	11	143,961	11	133,318	11	122,654	11	111,949	11	101,243	11	90,538	11	79,832	11	69,125
1/4	1/4	1/4	1/4	1/4	143,741	1/4	133,096	1/4	122,431	1/4	111,726	1/4	101,020	1/4	90,315	1/4	79,609	1/4	68,901
1/2	1/2	1/2	1/2	1/2	143,521	1/2	132,874	1/2	122,208	1/2	111,503	1/2	100,797	1/2	90,092	1/2	79,386	1/2	68,678
3/4	3/4	3/4	3/4	3/4	151,377	3/4	143,299	3/4	132,653	3/4	121,985	3/4	111,280	3/4	100,574	3/4	89,869	3/4	68,455

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 24'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1386"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,232	0	57,525	0	46,818	0	36,110	0	25,427	0	14,722	0	4,029	0		0		0	
1/4	68,009	1/4	57,302	1/4	46,595	1/4	35,887	1/4	25,204	1/4	14,499	1/4	3,809	1/4		1/4		1/4	
1/2	67,786	1/2	57,079	1/2	46,372	1/2	35,664	1/2	24,981	1/2	14,276	1/2	3,588	1/2		1/2		1/2	
3/4	67,563	3/4	56,856	3/4	46,149	3/4	35,441	3/4	24,759	3/4	14,053	3/4	3,369	3/4		3/4		3/4	
1	67,340	1	56,633	1	45,925	1	35,218	1	24,536	1	13,830	1	3,151	1		1		1	
1/4	67,117	1/4	56,410	1/4	45,702	1/4	34,995	1/4	24,313	1/4	13,607	1/4	2,932	1/4		1/4		1/4	
1/2	66,894	1/2	56,187	1/2	45,479	1/2	34,772	1/2	24,091	1/2	13,384	1/2	2,714	1/2		1/2		1/2	
3/4	66,671	3/4	55,964	3/4	45,256	3/4	34,549	3/4	23,868	3/4	13,161	3/4	2,510	3/4		3/4		3/4	
2	66,448	2	55,740	2	45,033	2	34,326	2	23,644	2	12,938	2	2,306	2		2		2	
1/4	66,225	1/4	55,517	1/4	44,810	1/4	34,103	1/4	23,421	1/4	12,715	1/4	2,102	1/4		1/4		1/4	
1/2	66,002	1/2	55,294	1/2	44,587	1/2	33,880	1/2	23,198	1/2	12,492	1/2	1,898	1/2		1/2		1/2	
3/4	65,779	3/4	55,071	3/4	44,364	3/4	33,657	3/4	22,975	3/4	12,268	3/4	1,731	3/4		3/4		3/4	
3	65,555	3	54,848	3	44,141	3	33,434	3	22,752	3	12,045	3	1,563	3		3		3	
1/4	65,332	1/4	54,625	1/4	43,918	1/4	33,211	1/4	22,529	1/4	11,822	1/4	1,396	1/4		1/4		1/4	
1/2	65,109	1/2	54,402	1/2	43,695	1/2	32,987	1/2	22,306	1/2	11,599	1/2	1,229	1/2		1/2		1/2	
3/4	64,886	3/4	54,179	3/4	43,472	3/4	32,765	3/4	22,083	3/4	11,376	3/4	1,099	3/4		3/4		3/4	
4	64,663	4	53,956	4	43,249	4	32,543	4	21,860	4	11,153	4	969	4		4		4	
1/4	64,440	1/4	53,733	1/4	43,026	1/4	32,320	1/4	21,637	1/4	10,930	1/4	838	1/4		1/4		1/4	
1/2	64,217	1/2	53,510	1/2	42,802	1/2	32,098	1/2	21,414	1/2	10,707	1/2	708	1/2		1/2		1/2	
3/4	63,994	3/4	53,287	3/4	42,579	3/4	31,876	3/4	21,191	3/4	10,484	3/4	615	3/4		3/4		3/4	
5	63,771	5	53,064	5	42,356	5	31,653	5	20,968	5	10,261	5	522	5		5		5	
1/4	63,548	1/4	52,841	1/4	42,133	1/4	31,431	1/4	20,745	1/4	10,038	1/4	430	1/4		1/4		1/4	
1/2	63,325	1/2	52,618	1/2	41,910	1/2	31,209	1/2	20,522	1/2	9,815	1/2	337	1/2		1/2		1/2	
3/4	63,102	3/4	52,394	3/4	41,687	3/4	30,986	3/4	20,299	3/4	9,592	3/4	281	3/4		3/4		3/4	
6	62,879	6	52,171	6	41,464	6	30,764	6	20,076	6	9,369	6	225	6		6		6	
1/4	62,656	1/4	51,948	1/4	41,241	1/4	30,542	1/4	19,852	1/4	9,146	1/4	169	1/4		1/4		1/4	
1/2	62,433	1/2	51,725	1/2	41,018	1/2	30,319	1/2	19,629	1/2	8,923	1/2	114	1/2		1/2		1/2	
3/4	62,209	3/4	51,502	3/4	40,795	3/4	30,097	3/4	19,406	3/4	8,700	3/4	95	3/4		3/4		3/4	
7	61,986	7	51,279	7	40,572	7	29,875	7	19,183	7	8,476	7	76	7		7		7	
1/4	61,763	1/4	51,056	1/4	40,349	1/4	29,652	1/4	18,960	1/4	8,253	1/4	58	1/4		1/4		1/4	
1/2	61,540	1/2	50,833	1/2	40,126	1/2	29,430	1/2	18,737	1/2	8,030	1/2	39	1/2		1/2		1/2	
3/4	61,317	3/4	50,610	3/4	39,903	3/4	29,208	3/4	18,514	3/4	7,807	3/4		3/4		3/4		3/4	
8	61,094	8	50,387	8	39,680	8	28,985	8	18,291	8	7,584	8		8		8		8	
1/4	60,871	1/4	50,164	1/4	39,456	1/4	28,763	1/4	18,068	1/4	7,361	1/4		1/4		1/4		1/4	
1/2	60,648	1/2	49,941	1/2	39,233	1/2	28,540	1/2	17,845	1/2	7,138	1/2		1/2		1/2		1/2	
3/4	60,425	3/4	49,718	3/4	39,010	3/4	28,318	3/4	17,622	3/4	6,915	3/4		3/4		3/4		3/4	
9	60,202	9	49,495	9	38,787	9	28,096	9	17,399	9	6,692	9		9		9		9	
1/4	59,979	1/4	49,271	1/4	38,564	1/4	27,873	1/4	17,176	1/4	6,470	1/4		1/4		1/4		1/4	
1/2	59,756	1/2	49,048	1/2	38,341	1/2	27,651	1/2	16,953	1/2	6,247	1/2		1/2		1/2		1/2	
3/4	59,533	3/4	48,825	3/4	38,118	3/4	27,429	3/4	16,730	3/4	6,024	3/4		3/4		3/4		3/4	
10	59,310	10	48,602	10	37,895	10	27,206	10	16,507	10	5,802	10		10		10		10	
1/4	59,086	1/4	48,379	1/4	37,672	1/4	26,984	1/4	16,284	1/4	5,579	1/4		1/4		1/4		1/4	
1/2	58,863	1/2	48,156	1/2	37,449	1/2	26,762	1/2	16,060	1/2	5,357	1/2		1/2		1/2		1/2	
3/4	58,640	3/4	47,933	3/4	37,226	3/4	26,539	3/4	15,837	3/4	5,135	3/4		3/4		3/4		3/4	
11	58,417	11	47,710	11	37,003	11	26,317	11	15,614	11	4,914	11		11		11		11	
1/4	58,194	1/4	47,487	1/4	36,780	1/4	26,095	1/4	15,391	1/4	4,692	1/4		1/4		1/4		1/4	
1/2	57,971	1/2	47,264	1/2	36,557	1/2	25,872	1/2	15,168	1/2	4,470	1/2		1/2		1/2		1/2	
3/4	57,748	3/4	47,041	3/4	36,334	3/4	25,650	3/4	14,945	3/4	4,250	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2015 SW
CALCULATED: 08/28/2015 CL
PRINTED: 08/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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



BARGE "CBC 1386"

2 CENTER ULLAGE 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	170,289	1/4	161,189	1/4	149,194	1/4	137,175	1/4	125,113	1/4	113,051	1/4	100,988	1/4	88,926
1/2	1/2	1/2	1/2	1/2	170,272	1/2	160,939	1/2	148,944	1/2	136,923	1/2	124,861	1/2	112,799	1/2	100,737	1/2	88,674
3/4	3/4	3/4	3/4	3/4	170,255	3/4	160,689	3/4	148,694	3/4	136,672	3/4	124,610	3/4	112,548	3/4	100,486	3/4	88,423
1	1	1	1	1	170,238	1	160,439	1	148,444	1	136,421	1	124,359	1	112,297	1	100,234	1	88,172
1/4	1/4	1/4	1/4	1/4	170,179	1/4	160,189	1/4	148,194	1/4	136,170	1/4	124,107	1/4	112,045	1/4	99,983	1/4	87,920
1/2	1/2	1/2	1/2	1/2	170,120	1/2	159,939	1/2	147,944	1/2	135,918	1/2	123,856	1/2	111,794	1/2	99,732	1/2	87,669
3/4	3/4	3/4	3/4	3/4	170,061	3/4	159,689	3/4	147,694	3/4	135,667	3/4	123,605	3/4	111,543	3/4	99,481	3/4	87,417
2	2	2	2	2	170,002	2	159,439	2	147,444	2	135,416	2	123,354	2	111,291	2	99,229	2	87,166
1/4	1/4	1/4	1/4	1/4	169,901	1/4	159,189	1/4	147,194	1/4	135,164	1/4	123,102	1/4	111,040	1/4	98,978	1/4	86,915
1/2	1/2	1/2	1/2	1/2	169,800	1/2	158,940	1/2	146,944	1/2	134,913	1/2	122,851	1/2	110,789	1/2	98,727	1/2	86,663
3/4	3/4	3/4	3/4	3/4	169,699	3/4	158,690	3/4	146,695	3/4	134,662	3/4	122,600	3/4	110,538	3/4	98,475	3/4	86,412
3	3	3	3	3	169,598	3	158,440	3	146,445	3	134,411	3	122,348	3	110,286	3	98,224	3	86,161
1/4	1/4	1/4	1/4	1/4	169,455	1/4	158,190	1/4	146,195	1/4	134,159	1/4	122,097	1/4	110,035	1/4	97,973	1/4	85,909
1/2	1/2	1/2	1/2	1/2	169,312	1/2	157,940	1/2	145,945	1/2	133,908	1/2	121,846	1/2	109,784	1/2	97,722	1/2	85,658
3/4	3/4	3/4	3/4	3/4	169,169	3/4	157,690	3/4	145,695	3/4	133,657	3/4	121,595	3/4	109,532	3/4	97,470	3/4	85,407
4	4	4	4	4	169,026	4	157,440	4	145,445	4	133,405	4	121,343	4	109,281	4	97,219	4	85,155
1/4	1/4	1/4	1/4	1/4	168,841	1/4	157,190	1/4	145,195	1/4	133,154	1/4	121,092	1/4	109,030	1/4	96,968	1/4	84,904
1/2	1/2	1/2	1/2	1/2	168,657	1/2	156,940	1/2	144,945	1/2	132,903	1/2	120,841	1/2	108,778	1/2	96,716	1/2	84,653
3/4	3/4	3/4	3/4	3/4	168,472	3/4	156,690	3/4	144,695	3/4	132,651	3/4	120,589	3/4	108,527	3/4	96,465	3/4	84,401
5	5	5	5	5	168,287	5	156,441	5	144,446	5	132,400	5	120,338	5	108,276	5	96,214	5	84,150
1/4	1/4	1/4	1/4	1/4	168,061	1/4	156,191	1/4	144,196	1/4	132,149	1/4	120,087	1/4	108,025	1/4	95,962	1/4	83,899
1/2	1/2	1/2	1/2	1/2	167,834	1/2	155,941	1/2	143,946	1/2	131,898	1/2	119,835	1/2	107,773	1/2	95,711	1/2	83,647
3/4	3/4	3/4	3/4	3/4	167,607	3/4	155,691	3/4	143,696	3/4	131,646	3/4	119,584	3/4	107,522	3/4	95,460	3/4	83,396
6	6	6	6	6	167,381	6	155,441	6	143,446	6	131,395	6	119,333	6	107,271	6	95,209	6	83,145
1/4	1/4	1/4	1/4	1/4	167,133	1/4	155,191	1/4	143,196	1/4	131,144	1/4	119,082	1/4	107,019	1/4	94,957	1/4	82,893
1/2	1/2	1/2	1/2	1/2	166,885	1/2	154,941	1/2	142,946	1/2	130,892	1/2	118,830	1/2	106,768	1/2	94,706	1/2	82,642
3/4	3/4	3/4	3/4	3/4	166,638	3/4	154,691	3/4	142,696	3/4	130,641	3/4	118,579	3/4	106,517	3/4	94,455	3/4	82,391
7	7	7	7	7	166,390	7	154,441	7	142,446	7	130,390	7	118,328	7	106,266	7	94,203	7	82,139
1/4	1/4	1/4	1/4	1/4	166,143	1/4	154,192	1/4	142,196	1/4	130,139	1/4	118,076	1/4	106,014	1/4	93,952	1/4	81,888
1/2	1/2	1/2	1/2	1/2	165,895	1/2	153,942	1/2	141,947	1/2	129,887	1/2	117,825	1/2	105,763	1/2	93,701	1/2	81,637
3/4	3/4	3/4	3/4	3/4	165,648	3/4	153,692	3/4	141,697	3/4	129,636	3/4	117,574	3/4	105,512	3/4	93,450	3/4	81,385
8	8	8	8	8	165,400	8	153,442	8	141,447	8	129,385	8	117,323	8	105,260	8	93,198	8	81,134
1/4	1/4	1/4	1/4	1/4	165,152	1/4	153,192	1/4	141,195	1/4	129,133	1/4	117,071	1/4	105,009	1/4	92,947	1/4	80,883
1/2	1/2	1/2	1/2	1/2	164,905	1/2	152,942	1/2	140,944	1/2	128,882	1/2	116,820	1/2	104,758	1/2	92,696	1/2	80,631
3/4	3/4	3/4	3/4	3/4	164,657	3/4	152,692	3/4	140,693	3/4	128,631	3/4	116,569	3/4	104,506	3/4	92,444	3/4	80,380
9	9	9	9	9	164,410	9	152,442	9	140,442	9	128,379	9	116,317	9	104,255	9	92,193	9	80,129
1/4	1/4	1/4	1/4	1/4	164,162	1/4	152,192	1/4	140,190	1/4	128,128	1/4	116,066	1/4	104,004	1/4	91,942	1/4	79,877
1/2	1/2	1/2	1/2	1/2	163,914	1/2	151,942	1/2	139,939	1/2	127,877	1/2	115,815	1/2	103,753	1/2	91,690	1/2	79,626
3/4	3/4	3/4	3/4	3/4	163,667	3/4	151,693	3/4	139,688	3/4	127,626	3/4	115,563	3/4	103,501	3/4	91,439	3/4	79,375
10	10	10	10	10	163,419	10	151,443	10	139,436	10	127,374	10	115,312	10	103,250	10	91,188	10	79,123
1/4	1/4	1/4	1/4	1/4	163,172	1/4	151,193	1/4	139,185	1/4	127,123	1/4	115,061	1/4	102,999	1/4	90,936	1/4	78,872
1/2	1/2	1/2	1/2	1/2	162,924	1/2	150,943	1/2	138,934	1/2	126,872	1/2	114,810	1/2	102,747	1/2	90,685	1/2	78,621
3/4	3/4	3/4	3/4	3/4	162,676	3/4	150,693	3/4	138,683	3/4	126,620	3/4	114,558	3/4	102,496	3/4	90,434	3/4	78,369
11	11	11	11	11	162,429	11	150,443	11	138,431	11	126,369	11	114,307	11	102,245	11	90,182	11	78,118
1/4	1/4	1/4	1/4	1/4	162,181	1/4	150,193	1/4	138,180	1/4	126,118	1/4	114,056	1/4	101,994	1/4	89,931	1/4	77,867
1/2	1/2	1/2	1/2	1/2	161,934	1/2	149,943	1/2	137,929	1/2	125,867	1/2	113,804	1/2	101,742	1/2	89,680	1/2	77,615
3/4	3/4	3/4	3/4	3/4	161,686	3/4	149,693	3/4	137,677	3/4	125,615	3/4	113,553	3/4	101,491	3/4	89,428	3/4	77,364

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 31'-00" 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 1386"

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	77,113	0	65,048	0	52,984	0	40,920	0	29,121	0	17,086	0	5,032	0		0		0	
1/4	76,861	1/4	64,797	1/4	52,733	1/4	40,669	1/4	28,877	1/4	16,834	1/4	4,783	1/4		1/4		1/4	
1/2	76,610	1/2	64,546	1/2	52,482	1/2	40,417	1/2	28,633	1/2	16,583	1/2	4,535	1/2		1/2		1/2	
3/4	76,359	3/4	64,294	3/4	52,230	3/4	40,166	3/4	28,388	3/4	16,332	3/4	4,286	3/4		3/4		3/4	
1	76,107	1	64,043	1	51,979	1	39,915	1	28,144	1	16,080	1	4,038	1		1		1	
1/4	75,856	1/4	63,792	1/4	51,728	1/4	39,663	1/4	27,893	1/4	15,829	1/4	3,791	1/4		1/4		1/4	
1/2	75,605	1/2	63,540	1/2	51,476	1/2	39,412	1/2	27,641	1/2	15,578	1/2	3,545	1/2		1/2		1/2	
3/4	75,353	3/4	63,289	3/4	51,225	3/4	39,161	3/4	27,390	3/4	15,326	3/4	3,299	3/4		3/4		3/4	
2	75,102	2	63,038	2	50,974	2	38,909	2	27,139	2	15,075	2	3,052	2		2		2	
1/4	74,851	1/4	62,786	1/4	50,722	1/4	38,658	1/4	26,887	1/4	14,824	1/4	2,823	1/4		1/4		1/4	
1/2	74,599	1/2	62,535	1/2	50,471	1/2	38,407	1/2	26,636	1/2	14,572	1/2	2,593	1/2		1/2		1/2	
3/4	74,348	3/4	62,284	3/4	50,220	3/4	38,155	3/4	26,385	3/4	14,321	3/4	2,363	3/4		3/4		3/4	
3	74,097	3	62,032	3	49,968	3	37,904	3	26,133	3	14,070	3	2,134	3		3		3	
1/4	73,845	1/4	61,781	1/4	49,717	1/4	37,660	1/4	25,882	1/4	13,818	1/4	1,945	1/4		1/4		1/4	
1/2	73,594	1/2	61,530	1/2	49,466	1/2	37,415	1/2	25,631	1/2	13,567	1/2	1,757	1/2		1/2		1/2	
3/4	73,343	3/4	61,278	3/4	49,214	3/4	37,171	3/4	25,379	3/4	13,316	3/4	1,568	3/4		3/4		3/4	
4	73,091	4	61,027	4	48,963	4	36,927	4	25,128	4	13,064	4	1,380	4		4		4	
1/4	72,840	1/4	60,776	1/4	48,712	1/4	36,683	1/4	24,877	1/4	12,813	1/4	1,233	1/4		1/4		1/4	
1/2	72,589	1/2	60,524	1/2	48,460	1/2	36,439	1/2	24,625	1/2	12,562	1/2	1,086	1/2		1/2		1/2	
3/4	72,337	3/4	60,273	3/4	48,209	3/4	36,195	3/4	24,374	3/4	12,310	3/4	940	3/4		3/4		3/4	
5	72,086	5	60,022	5	47,958	5	35,951	5	24,123	5	12,059	5	793	5		5		5	
1/4	71,835	1/4	59,770	1/4	47,706	1/4	35,707	1/4	23,871	1/4	11,808	1/4	688	1/4		1/4		1/4	
1/2	71,583	1/2	59,519	1/2	47,455	1/2	35,463	1/2	23,620	1/2	11,556	1/2	584	1/2		1/2		1/2	
3/4	71,332	3/4	59,268	3/4	47,203	3/4	35,219	3/4	23,369	3/4	11,305	3/4	479	3/4		3/4		3/4	
6	71,081	6	59,016	6	46,952	6	34,975	6	23,117	6	11,054	6	374	6		6		6	
1/4	70,829	1/4	58,765	1/4	46,701	1/4	34,732	1/4	22,866	1/4	10,802	1/4	311	1/4		1/4		1/4	
1/2	70,578	1/2	58,514	1/2	46,449	1/2	34,488	1/2	22,615	1/2	10,551	1/2	249	1/2		1/2		1/2	
3/4	70,327	3/4	58,262	3/4	46,198	3/4	34,244	3/4	22,364	3/4	10,300	3/4	186	3/4		3/4		3/4	
7	70,075	7	58,011	7	45,947	7	34,000	7	22,112	7	10,048	7	123	7		7		7	
1/4	69,824	1/4	57,760	1/4	45,695	1/4	33,756	1/4	21,861	1/4	9,797	1/4	102	1/4		1/4		1/4	
1/2	69,573	1/2	57,508	1/2	45,444	1/2	33,512	1/2	21,610	1/2	9,546	1/2	81	1/2		1/2		1/2	
3/4	69,321	3/4	57,257	3/4	45,193	3/4	33,268	3/4	21,358	3/4	9,294	3/4	60	3/4		3/4		3/4	
8	69,070	8	57,006	8	44,941	8	33,024	8	21,107	8	9,043	8	39	8		8		8	
1/4	68,819	1/4	56,754	1/4	44,690	1/4	32,780	1/4	20,856	1/4	8,792	1/4		1/4		1/4		1/4	
1/2	68,567	1/2	56,503	1/2	44,439	1/2	32,536	1/2	20,604	1/2	8,540	1/2		1/2		1/2		1/2	
3/4	68,316	3/4	56,252	3/4	44,187	3/4	32,292	3/4	20,353	3/4	8,289	3/4		3/4		3/4		3/4	
9	68,065	9	56,000	9	43,936	9	32,048	9	20,102	9	8,038	9		9		9		9	
1/4	67,813	1/4	55,749	1/4	43,685	1/4	31,804	1/4	19,850	1/4	7,787	1/4		1/4		1/4		1/4	
1/2	67,562	1/2	55,498	1/2	43,433	1/2	31,560	1/2	19,599	1/2	7,536	1/2		1/2		1/2		1/2	
3/4	67,310	3/4	55,246	3/4	43,182	3/4	31,317	3/4	19,348	3/4	7,285	3/4		3/4		3/4		3/4	
10	67,059	10	54,995	10	42,931	10	31,073	10	19,096	10	7,033	10		10		10		10	
1/4	66,808	1/4	54,744	1/4	42,679	1/4	30,829	1/4	18,845	1/4	6,783	1/4		1/4		1/4		1/4	
1/2	66,556	1/2	54,492	1/2	42,428	1/2	30,585	1/2	18,594	1/2	6,532	1/2		1/2		1/2		1/2	
3/4	66,305	3/4	54,241	3/4	42,177	3/4	30,341	3/4	18,342	3/4	6,282	3/4		3/4		3/4		3/4	
11	66,054	11	53,990	11	41,925	11	30,097	11	18,091	11	6,031	11		11		11		11	
1/4	65,802	1/4	53,738	1/4	41,674	1/4	29,853	1/4	17,840	1/4	5,781	1/4		1/4		1/4		1/4	
1/2	65,551	1/2	53,487	1/2	41,423	1/2	29,609	1/2	17,588	1/2	5,531	1/2		1/2		1/2		1/2	
3/4	65,300	3/4	53,236	3/4	41,171	3/4	29,365	3/4	17,337	3/4	5,282	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2015 SW
CALCULATED: 08/28/2015 CL
PRINTED: 08/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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



BARGE "CBC 1386"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	147,459	0	139,605	0	130,169	0	120,714	0	111,244	0	100,606	0	89,825	0	79,044
1/4	1/4	1/4	1/4	1/4	147,443	1/4	139,408	1/4	129,973	1/4	120,516	1/4	111,046	1/4	100,381	1/4	89,601	1/4	78,820
1/2	1/2	1/2	1/2	1/2	147,389	1/2	139,211	1/2	129,777	1/2	120,319	1/2	110,849	1/2	100,157	1/2	89,376	1/2	78,595
3/4	3/4	3/4	3/4	3/4	147,336	3/4	139,014	3/4	129,581	3/4	120,121	3/4	110,652	3/4	99,932	3/4	89,152	3/4	78,370
1	1	1	1	1	147,282	1	138,817	1	129,384	1	119,924	1	110,455	1	99,708	1	88,927	1	78,146
1/4	1/4	1/4	1/4	1/4	147,228	1/4	138,620	1/4	129,188	1/4	119,727	1/4	110,258	1/4	99,483	1/4	88,702	1/4	77,921
1/2	1/2	1/2	1/2	1/2	147,137	1/2	138,423	1/2	128,991	1/2	119,529	1/2	110,033	1/2	99,258	1/2	88,478	1/2	77,696
3/4	3/4	3/4	3/4	3/4	147,046	3/4	138,227	3/4	128,795	3/4	119,332	3/4	109,809	3/4	99,034	3/4	88,253	3/4	77,472
2	2	2	2	2	146,955	2	138,030	2	128,598	2	119,135	2	109,585	2	98,809	2	88,029	2	77,247
1/4	1/4	1/4	1/4	1/4	146,864	1/4	137,833	1/4	128,401	1/4	118,937	1/4	109,360	1/4	98,585	1/4	87,804	1/4	77,023
1/2	1/2	1/2	1/2	1/2	146,735	1/2	137,636	1/2	128,204	1/2	118,740	1/2	109,136	1/2	98,360	1/2	87,579	1/2	76,799
3/4	3/4	3/4	3/4	3/4	146,607	3/4	137,439	3/4	128,007	3/4	118,542	3/4	108,912	3/4	98,135	3/4	87,355	3/4	76,575
3	3	3	3	3	146,478	3	137,242	3	127,810	3	118,345	3	108,687	3	97,911	3	87,130	3	76,351
1/4	1/4	1/4	1/4	1/4	146,349	1/4	137,046	1/4	127,613	1/4	118,148	1/4	108,463	1/4	97,686	1/4	86,906	1/4	76,127
1/2	1/2	1/2	1/2	1/2	146,183	1/2	136,849	1/2	127,417	1/2	117,950	1/2	108,239	1/2	97,462	1/2	86,681	1/2	75,904
3/4	3/4	3/4	3/4	3/4	146,017	3/4	136,652	3/4	127,220	3/4	117,753	3/4	108,014	3/4	97,237	3/4	86,457	3/4	75,681
4	4	4	4	4	145,851	4	136,455	4	127,023	4	117,556	4	107,790	4	97,013	4	86,232	4	75,458
1/4	1/4	1/4	1/4	1/4	145,685	1/4	136,258	1/4	126,826	1/4	117,358	1/4	107,566	1/4	96,788	1/4	86,007	1/4	75,234
1/2	1/2	1/2	1/2	1/2	145,481	1/2	136,061	1/2	126,629	1/2	117,161	1/2	107,341	1/2	96,563	1/2	85,783	1/2	75,011
3/4	3/4	3/4	3/4	3/4	145,277	3/4	135,864	3/4	126,432	3/4	116,963	3/4	107,117	3/4	96,339	3/4	85,558	3/4	74,788
5	5	5	5	5	145,074	5	135,668	5	126,235	5	116,766	5	106,893	5	96,114	5	85,334	5	74,565
1/4	1/4	1/4	1/4	1/4	144,870	1/4	135,471	1/4	126,039	1/4	116,569	1/4	106,668	1/4	95,890	1/4	85,109	1/4	74,342
1/2	1/2	1/2	1/2	1/2	144,675	1/2	135,274	1/2	125,842	1/2	116,371	1/2	106,444	1/2	95,665	1/2	84,884	1/2	74,118
3/4	3/4	3/4	3/4	3/4	144,480	3/4	135,077	3/4	125,645	3/4	116,174	3/4	106,219	3/4	95,440	3/4	84,660	3/4	73,895
6	6	6	6	6	144,286	6	134,880	6	125,448	6	115,976	6	105,995	6	95,216	6	84,435	6	73,672
1/4	1/4	1/4	1/4	1/4	144,091	1/4	134,683	1/4	125,251	1/4	115,779	1/4	105,771	1/4	94,991	1/4	84,211	1/4	73,449
1/2	1/2	1/2	1/2	1/2	143,896	1/2	134,486	1/2	125,054	1/2	115,582	1/2	105,546	1/2	94,767	1/2	83,986	1/2	73,226
3/4	3/4	3/4	3/4	3/4	143,701	3/4	134,290	3/4	124,857	3/4	115,384	3/4	105,322	3/4	94,542	3/4	83,761	3/4	73,003
7	7	7	7	7	143,506	7	134,093	7	124,661	7	115,187	7	105,098	7	94,317	7	83,537	7	72,779
1/4	1/4	1/4	1/4	1/4	143,312	1/4	133,896	1/4	124,464	1/4	114,990	1/4	104,873	1/4	94,093	1/4	83,312	1/4	72,556
1/2	1/2	1/2	1/2	1/2	143,117	1/2	133,700	1/2	124,266	1/2	114,792	1/2	104,649	1/2	93,868	1/2	83,088	1/2	72,333
3/4	3/4	3/4	3/4	3/4	142,922	3/4	133,504	3/4	124,069	3/4	114,595	3/4	104,424	3/4	93,644	3/4	82,863	3/4	72,110
8	8	8	8	8	142,727	8	133,307	8	123,872	8	114,398	8	104,200	8	93,419	8	82,638	8	71,887
1/4	1/4	1/4	1/4	1/4	142,533	1/4	133,111	1/4	123,674	1/4	114,201	1/4	103,975	1/4	93,194	1/4	82,414	1/4	71,664
1/2	1/2	1/2	1/2	1/2	142,338	1/2	132,915	1/2	123,477	1/2	114,004	1/2	103,750	1/2	92,970	1/2	82,189	1/2	71,440
3/4	3/4	3/4	3/4	3/4	142,143	3/4	132,719	3/4	123,279	3/4	113,807	3/4	103,526	3/4	92,745	3/4	81,964	3/4	71,217
9	9	9	9	9	141,948	9	132,523	9	123,082	9	113,609	9	103,301	9	92,521	9	81,740	9	70,994
1/4	1/4	1/4	1/4	1/4	141,753	1/4	132,327	1/4	122,885	1/4	113,412	1/4	103,077	1/4	92,296	1/4	81,515	1/4	70,771
1/2	1/2	1/2	1/2	1/2	141,559	1/2	132,131	1/2	122,687	1/2	113,215	1/2	102,852	1/2	92,071	1/2	81,290	1/2	70,548
3/4	3/4	3/4	3/4	3/4	141,364	3/4	131,934	3/4	122,490	3/4	113,018	3/4	102,627	3/4	91,847	3/4	81,066	3/4	70,324
10	10	10	10	10	141,169	10	131,738	10	122,293	10	112,821	10	102,403	10	91,622	10	80,841	10	70,101
1/4	1/4	1/4	1/4	1/4	140,974	1/4	131,542	1/4	122,095	1/4	112,624	1/4	102,178	1/4	91,398	1/4	80,617	1/4	69,878
1/2	1/2	1/2	1/2	1/2	140,779	1/2	131,346	1/2	121,898	1/2	112,426	1/2	101,954	1/2	91,173	1/2	80,392	1/2	69,654
3/4	3/4	3/4	3/4	3/4	140,585	3/4	131,150	3/4	121,700	3/4	112,229	3/4	101,729	3/4	90,948	3/4	80,167	3/4	69,430
11	11	11	11	11	140,390	11	130,954	11	121,503	11	112,032	11	101,504	11	90,724	11	79,943	11	69,206
1/4	1/4	1/4	1/4	1/4	140,195	1/4	130,757	1/4	121,306	1/4	111,835	1/4	101,280	1/4	90,499	1/4	79,718	1/4	68,982
1/2	1/2	1/2	1/2	1/2	147,491	1/2	139,998	1/2	130,561	1/2	121,108	1/2	111,638	1/2	101,055	1/2	79,493	1/2	68,758
3/4	3/4	3/4	3/4	3/4	147,475	3/4	139,801	3/4	130,365	3/4	120,911	3/4	111,441	3/4	100,831	3/4	79,269	3/4	68,534

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 31'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "CBC 1386"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 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	68,311	0	57,536	0	46,759	0	35,982	0	25,407	0	14,632	0	3,843	0		0		0	
1/4	68,087	1/4	57,312	1/4	46,534	1/4	35,757	1/4	25,188	1/4	14,407	1/4	3,620	1/4		1/4		1/4	
1/2	67,863	1/2	57,087	1/2	46,310	1/2	35,533	1/2	24,969	1/2	14,182	1/2	3,400	1/2		1/2		1/2	
3/4	67,639	3/4	56,863	3/4	46,085	3/4	35,308	3/4	24,750	3/4	13,956	3/4	3,179	3/4		3/4		3/4	
1	67,415	1	56,638	1	45,861	1	35,084	1	24,531	1	13,731	1	2,959	1		1		1	
1/4	67,191	1/4	56,414	1/4	45,636	1/4	34,859	1/4	24,311	1/4	13,506	1/4	2,738	1/4		1/4		1/4	
1/2	66,966	1/2	56,189	1/2	45,412	1/2	34,634	1/2	24,086	1/2	13,281	1/2	2,532	1/2		1/2		1/2	
3/4	66,742	3/4	55,965	3/4	45,187	3/4	34,410	3/4	23,861	3/4	13,056	3/4	2,326	3/4		3/4		3/4	
2	66,517	2	55,740	2	44,963	2	34,185	2	23,636	2	12,831	2	2,121	2		2		2	
1/4	66,293	1/4	55,515	1/4	44,738	1/4	33,961	1/4	23,411	1/4	12,606	1/4	1,915	1/4		1/4		1/4	
1/2	66,068	1/2	55,291	1/2	44,514	1/2	33,736	1/2	23,186	1/2	12,381	1/2	1,746	1/2		1/2		1/2	
3/4	65,844	3/4	55,066	3/4	44,289	3/4	33,512	3/4	22,961	3/4	12,156	3/4	1,577	3/4		3/4		3/4	
3	65,619	3	54,842	3	44,065	3	33,287	3	22,736	3	11,930	3	1,409	3		3		3	
1/4	65,395	1/4	54,617	1/4	43,840	1/4	33,063	1/4	22,511	1/4	11,705	1/4	1,240	1/4		1/4		1/4	
1/2	65,170	1/2	54,393	1/2	43,616	1/2	32,844	1/2	22,285	1/2	11,480	1/2	1,109	1/2		1/2		1/2	
3/4	64,946	3/4	54,168	3/4	43,391	3/4	32,625	3/4	22,060	3/4	11,255	3/4	977	3/4		3/4		3/4	
4	64,721	4	53,944	4	43,166	4	32,407	4	21,835	4	11,030	4	846	4		4		4	
1/4	64,497	1/4	53,719	1/4	42,942	1/4	32,188	1/4	21,610	1/4	10,805	1/4	715	1/4		1/4		1/4	
1/2	64,272	1/2	53,495	1/2	42,717	1/2	31,969	1/2	21,385	1/2	10,580	1/2	621	1/2		1/2		1/2	
3/4	64,047	3/4	53,270	3/4	42,493	3/4	31,751	3/4	21,160	3/4	10,355	3/4	527	3/4		3/4		3/4	
5	63,823	5	53,046	5	42,268	5	31,532	5	20,935	5	10,130	5	433	5		5		5	
1/4	63,598	1/4	52,821	1/4	42,044	1/4	31,313	1/4	20,710	1/4	9,904	1/4	340	1/4		1/4		1/4	
1/2	63,374	1/2	52,597	1/2	41,819	1/2	31,094	1/2	20,485	1/2	9,679	1/2	283	1/2		1/2		1/2	
3/4	63,149	3/4	52,372	3/4	41,595	3/4	30,876	3/4	20,259	3/4	9,454	3/4	227	3/4		3/4		3/4	
6	62,925	6	52,148	6	41,370	6	30,657	6	20,034	6	9,229	6	171	6		6		6	
1/4	62,700	1/4	51,923	1/4	41,146	1/4	30,438	1/4	19,809	1/4	9,004	1/4	114	1/4		1/4		1/4	
1/2	62,476	1/2	51,698	1/2	40,921	1/2	30,220	1/2	19,584	1/2	8,779	1/2	96	1/2		1/2		1/2	
3/4	62,251	3/4	51,474	3/4	40,697	3/4	30,001	3/4	19,359	3/4	8,554	3/4	77	3/4		3/4		3/4	
7	62,027	7	51,249	7	40,472	7	29,782	7	19,134	7	8,329	7	58	7		7		7	
1/4	61,802	1/4	51,025	1/4	40,248	1/4	29,563	1/4	18,909	1/4	8,104	1/4	39	1/4		1/4		1/4	
1/2	61,578	1/2	50,800	1/2	40,023	1/2	29,345	1/2	18,684	1/2	7,878	1/2		1/2		1/2		1/2	
3/4	61,353	3/4	50,576	3/4	39,799	3/4	29,126	3/4	18,459	3/4	7,653	3/4		3/4		3/4		3/4	
8	61,129	8	50,351	8	39,574	8	28,907	8	18,234	8	7,428	8		8		8		8	
1/4	60,904	1/4	50,127	1/4	39,350	1/4	28,689	1/4	18,008	1/4	7,203	1/4		1/4		1/4		1/4	
1/2	60,680	1/2	49,902	1/2	39,125	1/2	28,470	1/2	17,783	1/2	6,978	1/2		1/2		1/2		1/2	
3/4	60,455	3/4	49,678	3/4	38,900	3/4	28,251	3/4	17,558	3/4	6,753	3/4		3/4		3/4		3/4	
9	60,231	9	49,453	9	38,676	9	28,033	9	17,333	9	6,529	9		9		9		9	
1/4	60,006	1/4	49,229	1/4	38,451	1/4	27,814	1/4	17,108	1/4	6,304	1/4		1/4		1/4		1/4	
1/2	59,781	1/2	49,004	1/2	38,227	1/2	27,595	1/2	16,883	1/2	6,079	1/2		1/2		1/2		1/2	
3/4	59,557	3/4	48,780	3/4	38,002	3/4	27,376	3/4	16,658	3/4	5,855	3/4		3/4		3/4		3/4	
10	59,332	10	48,555	10	37,778	10	27,158	10	16,433	10	5,630	10		10		10		10	
1/4	59,108	1/4	48,331	1/4	37,553	1/4	26,939	1/4	16,208	1/4	5,406	1/4		1/4		1/4		1/4	
1/2	58,883	1/2	48,106	1/2	37,329	1/2	26,720	1/2	15,982	1/2	5,182	1/2		1/2		1/2		1/2	
3/4	58,659	3/4	47,882	3/4	37,104	3/4	26,502	3/4	15,757	3/4	4,958	3/4		3/4		3/4		3/4	
11	58,434	11	47,657	11	36,880	11	26,283	11	15,532	11	4,734	11		11		11		11	
1/4	58,210	1/4	47,432	1/4	36,655	1/4	26,064	1/4	15,307	1/4	4,511	1/4		1/4		1/4		1/4	
1/2	57,985	1/2	47,208	1/2	36,431	1/2	25,845	1/2	15,082	1/2	4,288	1/2		1/2		1/2		1/2	
3/4	57,761	3/4	46,983	3/4	36,206	3/4	25,626	3/4	14,857	3/4	4,066	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/28/2015 SW
CALCULATED: 08/28/2015 CL
PRINTED: 08/28/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2015

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Pearland, Texas 77588
<http://www.pmacorp.net>