



BARGE "CBC 1383"

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	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-5/8	01-5/8	- 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	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(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"

June 16, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 1383"

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	8,035	0	18,748	0	29,447	0	40,149	0	50,862	0	61,576	0	72,289	0	83,003	0	93,715
1/4	58	1/4	8,258	1/4	19,971	1/4	29,669	1/4	40,372	1/4	51,086	1/4	61,799	1/4	72,513	1/4	83,226	1/4	93,938
1/2	76	1/2	8,481	1/2	19,194	1/2	29,892	1/2	40,595	1/2	51,309	1/2	62,022	1/2	72,736	1/2	83,449	1/2	94,161
3/4	95	3/4	8,705	3/4	19,418	3/4	30,114	3/4	40,819	3/4	51,532	3/4	62,246	3/4	72,959	3/4	83,672	3/4	94,384
1	114	1	8,928	1	19,641	1	30,337	1	41,042	1	51,755	1	62,469	1	73,182	1	83,896	1	94,607
1/4	169	1/4	9,151	1/4	19,864	1/4	30,559	1/4	41,265	1/4	51,978	1/4	62,692	1/4	73,405	1/4	84,119	1/4	94,830
1/2	225	1/2	9,374	1/2	20,087	1/2	30,782	1/2	41,488	1/2	52,202	1/2	62,915	1/2	73,629	1/2	84,342	1/2	95,053
3/4	281	3/4	9,597	3/4	20,310	3/4	31,004	3/4	41,711	3/4	52,425	3/4	63,138	3/4	73,852	3/4	84,565	3/4	95,277
2	337	2	9,821	2	20,534	2	31,227	2	41,935	2	52,648	2	63,361	2	74,075	2	84,788	2	95,500
1/4	430	1/4	10,044	1/4	20,757	1/4	31,449	1/4	42,158	1/4	52,871	1/4	63,585	1/4	74,298	1/4	85,011	1/4	95,723
1/2	523	1/2	10,267	1/2	20,980	1/2	31,672	1/2	42,381	1/2	53,094	1/2	63,808	1/2	74,521	1/2	85,234	1/2	95,946
3/4	616	3/4	10,490	3/4	21,203	3/4	31,894	3/4	42,604	3/4	53,318	3/4	64,031	3/4	74,745	3/4	85,458	3/4	96,169
3	709	3	10,713	3	21,426	3	32,117	3	42,827	3	53,541	3	64,254	3	74,968	3	85,681	3	96,392
1/4	839	1/4	10,936	1/4	21,650	1/4	32,339	1/4	43,051	1/4	53,764	1/4	64,477	1/4	75,191	1/4	85,904	1/4	96,616
1/2	969	1/2	11,160	1/2	21,873	1/2	32,562	1/2	43,274	1/2	53,987	1/2	64,701	1/2	75,414	1/2	86,127	1/2	96,839
3/4	1,099	3/4	11,383	3/4	22,096	3/4	32,784	3/4	43,497	3/4	54,210	3/4	64,924	3/4	75,637	3/4	86,350	3/4	97,062
4	1,230	4	11,606	4	22,319	4	33,007	4	43,720	4	54,434	4	65,147	4	75,861	4	86,573	4	97,285
1/4	1,397	1/4	11,829	1/4	22,542	1/4	33,230	1/4	43,943	1/4	54,657	1/4	65,370	1/4	76,084	1/4	86,797	1/4	97,508
1/2	1,564	1/2	12,052	1/2	22,765	1/2	33,453	1/2	44,167	1/2	54,880	1/2	65,593	1/2	76,307	1/2	87,020	1/2	97,731
3/4	1,732	3/4	12,276	3/4	22,989	3/4	33,676	3/4	44,390	3/4	55,103	3/4	65,817	3/4	76,530	3/4	87,243	3/4	97,955
5	1,899	5	12,499	5	23,212	5	33,899	5	44,613	5	55,326	5	66,040	5	76,753	5	87,466	5	98,178
1/4	2,103	1/4	12,722	1/4	23,435	1/4	34,123	1/4	44,836	1/4	55,550	1/4	66,263	1/4	76,977	1/4	87,689	1/4	98,401
1/2	2,307	1/2	12,945	1/2	23,658	1/2	34,346	1/2	45,059	1/2	55,773	1/2	66,486	1/2	77,200	1/2	87,912	1/2	98,624
3/4	2,511	3/4	13,168	3/4	23,881	3/4	34,569	3/4	45,282	3/4	55,996	3/4	66,709	3/4	77,423	3/4	88,136	3/4	98,847
6	2,715	6	13,392	6	24,105	6	34,792	6	45,506	6	56,219	6	66,933	6	77,646	6	88,359	6	99,070
1/4	2,934	1/4	13,615	1/4	24,327	1/4	35,015	1/4	45,729	1/4	56,442	1/4	67,156	1/4	77,869	1/4	88,582	1/4	99,294
1/2	3,153	1/2	13,838	1/2	24,550	1/2	35,239	1/2	45,952	1/2	56,666	1/2	67,379	1/2	78,093	1/2	88,805	1/2	99,517
3/4	3,371	3/4	14,061	3/4	24,773	3/4	35,462	3/4	46,175	3/4	56,889	3/4	67,602	3/4	78,316	3/4	89,028	3/4	99,740
7	3,590	7	14,284	7	24,996	7	35,685	7	46,398	7	57,112	7	67,825	7	78,539	7	89,251	7	99,963
1/4	3,811	1/4	14,507	1/4	25,219	1/4	35,908	1/4	46,622	1/4	57,335	1/4	68,049	1/4	78,762	1/4	89,475	1/4	100,186
1/2	4,031	1/2	14,731	1/2	25,442	1/2	36,131	1/2	46,845	1/2	57,558	1/2	68,272	1/2	78,985	1/2	89,698	1/2	100,409
3/4	4,252	3/4	14,954	3/4	25,664	3/4	36,355	3/4	47,068	3/4	57,782	3/4	68,495	3/4	79,209	3/4	89,921	3/4	100,632
8	4,473	8	15,177	8	25,887	8	36,578	8	47,291	8	58,005	8	68,718	8	79,432	8	90,144	8	100,856
1/4	4,695	1/4	15,400	1/4	26,110	1/4	36,801	1/4	47,514	1/4	58,228	1/4	68,941	1/4	79,655	1/4	90,367	1/4	101,079
1/2	4,916	1/2	15,623	1/2	26,332	1/2	37,024	1/2	47,738	1/2	58,451	1/2	69,165	1/2	79,878	1/2	90,590	1/2	101,302
3/4	5,138	3/4	15,847	3/4	26,555	3/4	37,247	3/4	47,961	3/4	58,674	3/4	69,388	3/4	80,101	3/4	90,813	3/4	101,525
9	5,360	9	16,070	9	26,777	9	37,471	9	48,184	9	58,898	9	69,611	9	80,325	9	91,037	9	101,748
1/4	5,583	1/4	16,293	1/4	27,000	1/4	37,694	1/4	48,407	1/4	59,121	1/4	69,834	1/4	80,548	1/4	91,260	1/4	101,971
1/2	5,805	1/2	16,516	1/2	27,222	1/2	37,917	1/2	48,630	1/2	59,344	1/2	70,057	1/2	80,771	1/2	91,483	1/2	102,195
3/4	6,028	3/4	16,739	3/4	27,445	3/4	38,140	3/4	48,854	3/4	59,567	3/4	70,281	3/4	80,994	3/4	91,706	3/4	102,418
10	6,250	10	16,963	10	27,667	10	38,363	10	49,077	10	59,790	10	70,504	10	81,217	10	91,929	10	102,641
1/4	6,473	1/4	17,186	1/4	27,890	1/4	38,587	1/4	49,300	1/4	60,014	1/4	70,727	1/4	81,440	1/4	92,152	1/4	102,864
1/2	6,696	1/2	17,409	1/2	28,112	1/2	38,810	1/2	49,523	1/2	60,237	1/2	70,950	1/2	81,664	1/2	92,376	1/2	103,087
3/4	6,919	3/4	17,632	3/4	28,335	3/4	39,033	3/4	49,746	3/4	60,460	3/4	71,173	3/4	81,887	3/4	92,599	3/4	103,310
11	7,142	11	17,855	11	28,557	11	39,256	11	49,970	11	60,683	11	71,397	11	82,110	11	92,822	11	103,534
1/4	7,365	1/4	18,078	1/4	28,780	1/4	39,479	1/4	50,193	1/4	60,906	1/4	71,620	1/4	82,333	1/4	93,045	1/4	103,757
1/2	7,589	1/2	18,302	1/2	29,002	1/2	39,703	1/2	50,416	1/2	61,130	1/2	71,843	1/2	82,556	1/2	93,268	1/2	103,980
3/4	7,812	3/4	18,525	3/4	29,224	3/4	39,926	3/4	50,639	3/4	61,353	3/4	72,066	3/4	82,780	3/4	93,491	3/4	104,203

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 1383"

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	104,426	0	115,138	0	125,850	0	136,562	0	147,274	0		0		0		0		0	
1/4	104,649	1/4	115,361	1/4	126,071	1/4	136,724	1/4	147,343	1/4		1/4		1/4		1/4		1/4	
1/2	104,873	1/2	115,584	1/2	126,293	1/2	136,946	1/2	147,562	1/2		1/2		1/2		1/2		1/2	
3/4	105,096	3/4	115,807	3/4	126,515	3/4	137,168	3/4	147,782	3/4		3/4		3/4		3/4		3/4	
1	105,319	1	116,031	1	126,737	1	137,390	1	148,002	1		1		1		1		1	
1/4	105,542	1/4	116,254	1/4	126,959	1/4	137,612	1/4	148,222	1/4		1/4		1/4		1/4		1/4	
1/2	105,765	1/2	116,477	1/2	127,181	1/2	137,834	1/2	148,442	1/2		1/2		1/2		1/2		1/2	
3/4	105,988	3/4	116,700	3/4	127,403	3/4	138,056	3/4	148,662	3/4		3/4		3/4		3/4		3/4	
2	106,211	2	116,923	2	127,625	2	138,278	2	148,882	2		2		2		2		2	
1/4	106,435	1/4	117,146	1/4	127,847	1/4	138,500	1/4	149,083	1/4		1/4		1/4		1/4		1/4	
1/2	106,658	1/2	117,369	1/2	128,069	1/2	138,722	1/2	149,284	1/2		1/2		1/2		1/2		1/2	
3/4	106,881	3/4	117,593	3/4	128,291	3/4	138,944	3/4	149,486	3/4		3/4		3/4		3/4		3/4	
3	107,104	3	117,816	3	128,513	3	139,166	3	149,687	3		3		3		3		3	
1/4	107,327	1/4	118,039	1/4	128,735	1/4	139,388	1/4	149,851	1/4		1/4		1/4		1/4		1/4	
1/2	107,550	1/2	118,262	1/2	128,957	1/2	139,610	1/2	150,015	1/2		1/2		1/2		1/2		1/2	
3/4	107,774	3/4	118,485	3/4	129,179	3/4	139,832	3/4	150,179	3/4		3/4		3/4		3/4		3/4	
4	107,997	4	118,708	4	129,401	4	140,053	4	150,343	4		4		4		4		4	
1/4	108,220	1/4	118,932	1/4	129,622	1/4	140,275	1/4	150,470	1/4		1/4		1/4		1/4		1/4	
1/2	108,443	1/2	119,155	1/2	129,844	1/2	140,497	1/2	150,597	1/2		1/2		1/2		1/2		1/2	
3/4	108,666	3/4	119,378	3/4	130,066	3/4	140,719	3/4	150,724	3/4		3/4		3/4		3/4		3/4	
5	108,889	5	119,601	5	130,288	5	140,941	5	150,851	5		5		5		5		5	
1/4	109,113	1/4	119,824	1/4	130,510	1/4	141,163	1/4	150,940	1/4		1/4		1/4		1/4		1/4	
1/2	109,336	1/2	120,047	1/2	130,732	1/2	141,385	1/2	151,030	1/2		1/2		1/2		1/2		1/2	
3/4	109,559	3/4	120,271	3/4	130,954	3/4	141,607	3/4	151,120	3/4		3/4		3/4		3/4		3/4	
6	109,782	6	120,494	6	131,176	6	141,829	6	151,209	6		6		6		6		6	
1/4	110,005	1/4	120,717	1/4	131,398	1/4	142,051	1/4	151,262	1/4		1/4		1/4		1/4		1/4	
1/2	110,228	1/2	120,940	1/2	131,620	1/2	142,273	1/2	151,314	1/2		1/2		1/2		1/2		1/2	
3/4	110,452	3/4	121,163	3/4	131,842	3/4	142,495	3/4	151,367	3/4		3/4		3/4		3/4		3/4	
7	110,675	7	121,386	7	132,064	7	142,717	7	151,419	7		7		7		7		7	
1/4	110,898	1/4	121,610	1/4	132,286	1/4	142,939	1/4	151,435	1/4		1/4		1/4		1/4		1/4	
1/2	111,121	1/2	121,833	1/2	132,508	1/2	143,161	1/2	151,450	1/2		1/2		1/2		1/2		1/2	
3/4	111,344	3/4	122,056	3/4	132,730	3/4	143,383	3/4	151,465	3/4		3/4		3/4		3/4		3/4	
8	111,567	8	122,279	8	132,952	8	143,604	8	151,481	8		8		8		8		8	
1/4	111,790	1/4	122,502	1/4	133,173	1/4	143,824	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,014	1/2	122,725	1/2	133,395	1/2	144,044	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,237	3/4	122,948	3/4	133,617	3/4	144,264	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,460	9	123,172	9	133,839	9	144,484	9		9		9		9		9		9	
1/4	112,683	1/4	123,395	1/4	134,061	1/4	144,704	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,906	1/2	123,618	1/2	134,283	1/2	144,924	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,129	3/4	123,841	3/4	134,505	3/4	145,144	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,353	10	124,064	10	134,727	10	145,364	10		10		10		10		10		10	
1/4	113,576	1/4	124,287	1/4	134,949	1/4	145,583	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,799	1/2	124,511	1/2	135,171	1/2	145,803	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,022	3/4	124,734	3/4	135,393	3/4	146,023	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,245	11	124,957	11	135,615	11	146,243	11		11		11		11		11		11	
1/4	114,468	1/4	125,180	1/4	135,837	1/4	146,463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,692	1/2	125,403	1/2	136,059	1/2	146,683	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,915	3/4	125,626	3/4	136,281	3/4	146,903	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/15/2015 SW
CALCULATED: 06/16/2014 CL
PRINTED: 06/16/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1383"

2 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	9,067	0	21,162	0	33,110	0	45,058	0	57,153	0	69,249	0	81,344	0	93,440	0	105,533
1/4	60	1/4	9,319	1/4	21,414	1/4	33,354	1/4	45,310	1/4	57,405	1/4	69,501	1/4	81,596	1/4	93,692	1/4	105,785
1/2	81	1/2	9,570	1/2	21,666	1/2	33,599	1/2	45,562	1/2	57,657	1/2	69,753	1/2	81,848	1/2	93,944	1/2	106,037
3/4	102	3/4	9,822	3/4	21,917	3/4	33,843	3/4	45,814	3/4	57,909	3/4	70,005	3/4	82,100	3/4	94,196	3/4	106,289
1	123	1	10,074	1	22,169	1	34,088	1	46,066	1	58,161	1	70,257	1	82,352	1	94,448	1	106,541
1/4	186	1/4	10,326	1/4	22,421	1/4	34,332	1/4	46,318	1/4	58,413	1/4	70,509	1/4	82,604	1/4	94,699	1/4	106,793
1/2	249	1/2	10,578	1/2	22,673	1/2	34,577	1/2	46,570	1/2	58,665	1/2	70,761	1/2	82,856	1/2	94,951	1/2	107,045
3/4	312	3/4	10,830	3/4	22,925	3/4	34,821	3/4	46,822	3/4	58,917	3/4	71,013	3/4	83,108	3/4	95,203	3/4	107,297
2	375	2	11,082	2	23,177	2	35,066	2	47,074	2	59,169	2	71,265	2	83,360	2	95,455	2	107,549
1/4	480	1/4	11,334	1/4	23,429	1/4	35,311	1/4	47,326	1/4	59,421	1/4	71,517	1/4	83,612	1/4	95,707	1/4	107,801
1/2	585	1/2	11,586	1/2	23,681	1/2	35,555	1/2	47,578	1/2	59,673	1/2	71,769	1/2	83,864	1/2	95,959	1/2	108,053
3/4	690	3/4	11,838	3/4	23,933	3/4	35,800	3/4	47,830	3/4	59,925	3/4	72,021	3/4	84,116	3/4	96,211	3/4	108,305
3	795	3	12,090	3	24,185	3	36,044	3	48,082	3	60,177	3	72,273	3	84,368	3	96,463	3	108,556
1/4	942	1/4	12,342	1/4	24,437	1/4	36,289	1/4	48,334	1/4	60,429	1/4	72,525	1/4	84,620	1/4	96,715	1/4	108,808
1/2	1,089	1/2	12,594	1/2	24,689	1/2	36,533	1/2	48,586	1/2	60,681	1/2	72,777	1/2	84,872	1/2	96,967	1/2	109,060
3/4	1,236	3/4	12,846	3/4	24,941	3/4	36,778	3/4	48,838	3/4	60,933	3/4	73,029	3/4	85,124	3/4	97,219	3/4	109,312
4	1,383	4	13,098	4	25,193	4	37,023	4	49,090	4	61,185	4	73,281	4	85,376	4	97,471	4	109,564
1/4	1,572	1/4	13,350	1/4	25,445	1/4	37,267	1/4	49,342	1/4	61,437	1/4	73,533	1/4	85,628	1/4	97,723	1/4	109,816
1/2	1,761	1/2	13,602	1/2	25,697	1/2	37,512	1/2	49,594	1/2	61,689	1/2	73,785	1/2	85,880	1/2	97,975	1/2	110,068
3/4	1,950	3/4	13,854	3/4	25,949	3/4	37,757	3/4	49,846	3/4	61,941	3/4	74,037	3/4	86,132	3/4	98,227	3/4	110,320
5	2,139	5	14,106	5	26,201	5	38,002	5	50,098	5	62,193	5	74,289	5	86,384	5	98,479	5	110,572
1/4	2,369	1/4	14,358	1/4	26,453	1/4	38,254	1/4	50,350	1/4	62,445	1/4	74,541	1/4	86,636	1/4	98,731	1/4	110,824
1/2	2,600	1/2	14,610	1/2	26,705	1/2	38,506	1/2	50,602	1/2	62,697	1/2	74,793	1/2	86,888	1/2	98,983	1/2	111,076
3/4	2,830	3/4	14,862	3/4	26,957	3/4	38,758	3/4	50,854	3/4	62,949	3/4	75,045	3/4	87,140	3/4	99,234	3/4	111,328
6	3,060	6	15,114	6	27,209	6	39,010	6	51,106	6	63,201	6	75,297	6	87,392	6	99,486	6	111,580
1/4	3,307	1/4	15,366	1/4	27,461	1/4	39,262	1/4	51,358	1/4	63,453	1/4	75,549	1/4	87,644	1/4	99,738	1/4	111,832
1/2	3,554	1/2	15,618	1/2	27,713	1/2	39,514	1/2	51,610	1/2	63,705	1/2	75,801	1/2	87,896	1/2	99,990	1/2	112,084
3/4	3,801	3/4	15,870	3/4	27,965	3/4	39,766	3/4	51,862	3/4	63,957	3/4	76,053	3/4	88,148	3/4	100,242	3/4	112,336
7	4,048	7	16,122	7	28,217	7	40,018	7	52,114	7	64,209	7	76,305	7	88,400	7	100,494	7	112,588
1/4	4,297	1/4	16,374	1/4	28,462	1/4	40,270	1/4	52,366	1/4	64,461	1/4	76,556	1/4	88,652	1/4	100,746	1/4	112,840
1/2	4,547	1/2	16,626	1/2	28,707	1/2	40,522	1/2	52,618	1/2	64,713	1/2	76,808	1/2	88,904	1/2	100,998	1/2	113,091
3/4	4,796	3/4	16,878	3/4	28,952	3/4	40,774	3/4	52,870	3/4	64,965	3/4	77,060	3/4	89,156	3/4	101,250	3/4	113,343
8	5,045	8	17,130	8	29,197	8	41,026	8	53,122	8	65,217	8	77,312	8	89,408	8	101,502	8	113,595
1/4	5,295	1/4	17,382	1/4	29,441	1/4	41,278	1/4	53,374	1/4	65,469	1/4	77,564	1/4	89,660	1/4	101,754	1/4	113,847
1/2	5,546	1/2	17,634	1/2	29,686	1/2	41,530	1/2	53,626	1/2	65,721	1/2	77,816	1/2	89,912	1/2	102,006	1/2	114,099
3/4	5,796	3/4	17,886	3/4	29,930	3/4	41,782	3/4	53,878	3/4	65,973	3/4	78,068	3/4	90,164	3/4	102,258	3/4	114,351
9	6,047	9	18,138	9	30,175	9	42,034	9	54,129	9	66,225	9	78,320	9	90,416	9	102,510	9	114,603
1/4	6,298	1/4	18,390	1/4	30,419	1/4	42,286	1/4	54,381	1/4	66,477	1/4	78,572	1/4	90,668	1/4	102,762	1/4	114,855
1/2	6,549	1/2	18,642	1/2	30,664	1/2	42,538	1/2	54,633	1/2	66,729	1/2	78,824	1/2	90,920	1/2	103,014	1/2	115,107
3/4	6,800	3/4	18,894	3/4	30,909	3/4	42,790	3/4	54,885	3/4	66,981	3/4	79,076	3/4	91,172	3/4	103,266	3/4	115,359
10	7,052	10	19,146	10	31,153	10	43,042	10	55,137	10	67,233	10	79,328	10	91,424	10	103,518	10	115,611
1/4	7,303	1/4	19,398	1/4	31,398	1/4	43,294	1/4	55,389	1/4	67,485	1/4	79,580	1/4	91,676	1/4	103,769	1/4	115,863
1/2	7,555	1/2	19,650	1/2	31,642	1/2	43,546	1/2	55,641	1/2	67,737	1/2	79,832	1/2	91,928	1/2	104,021	1/2	116,115
3/4	7,807	3/4	19,902	3/4	31,887	3/4	43,798	3/4	55,893	3/4	67,989	3/4	80,084	3/4	92,180	3/4	104,273	3/4	116,367
11	8,059	11	20,154	11	32,131	11	44,050	11	56,145	11	68,241	11	80,336	11	92,432	11	104,525	11	116,619
1/4	8,311	1/4	20,406	1/4	32,376	1/4	44,302	1/4	56,397	1/4	68,493	1/4	80,588	1/4	92,684	1/4	104,777	1/4	116,871
1/2	8,563	1/2	20,658	1/2	32,620	1/2	44,554	1/2	56,649	1/2	68,745	1/2	80,840	1/2	92,936	1/2	105,029	1/2	117,123
3/4	8,815	3/4	20,910	3/4	32,865	3/4	44,806	3/4	56,901	3/4	68,997	3/4	81,092	3/4	93,188	3/4	105,281	3/4	117,375

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.
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 Pearland, Texas 77588
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BARGE "CBC 1383"

2 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	117,626	0	129,720	0	141,813	0	153,839	0	165,828	0		0		0		0		0	
1/4	117,878	1/4	129,972	1/4	142,064	1/4	154,090	1/4	166,077	1/4		1/4		1/4		1/4		1/4	
1/2	118,130	1/2	130,224	1/2	142,314	1/2	154,340	1/2	166,325	1/2		1/2		1/2		1/2		1/2	
3/4	118,382	3/4	130,476	3/4	142,565	3/4	154,591	3/4	166,573	3/4		3/4		3/4		3/4		3/4	
1	118,634	1	130,728	1	142,815	1	154,842	1	166,821	1		1		1		1		1	
1/4	118,886	1/4	130,980	1/4	143,066	1/4	155,092	1/4	167,070	1/4		1/4		1/4		1/4		1/4	
1/2	119,138	1/2	131,232	1/2	143,317	1/2	155,343	1/2	167,318	1/2		1/2		1/2		1/2		1/2	
3/4	119,390	3/4	131,483	3/4	143,567	3/4	155,593	3/4	167,566	3/4		3/4		3/4		3/4		3/4	
2	119,642	2	131,735	2	143,818	2	155,844	2	167,814	2		2		2		2		2	
1/4	119,894	1/4	131,987	1/4	144,068	1/4	156,094	1/4	168,042	1/4		1/4		1/4		1/4		1/4	
1/2	120,146	1/2	132,239	1/2	144,319	1/2	156,345	1/2	168,269	1/2		1/2		1/2		1/2		1/2	
3/4	120,398	3/4	132,491	3/4	144,569	3/4	156,595	3/4	168,496	3/4		3/4		3/4		3/4		3/4	
3	120,650	3	132,743	3	144,820	3	156,846	3	168,723	3		3		3		3		3	
1/4	120,902	1/4	132,995	1/4	145,070	1/4	157,096	1/4	168,908	1/4		1/4		1/4		1/4		1/4	
1/2	121,154	1/2	133,247	1/2	145,321	1/2	157,347	1/2	169,094	1/2		1/2		1/2		1/2		1/2	
3/4	121,406	3/4	133,499	3/4	145,571	3/4	157,598	3/4	169,279	3/4		3/4		3/4		3/4		3/4	
4	121,658	4	133,751	4	145,822	4	157,848	4	169,464	4		4		4		4		4	
1/4	121,910	1/4	134,003	1/4	146,073	1/4	158,099	1/4	169,607	1/4		1/4		1/4		1/4		1/4	
1/2	122,162	1/2	134,255	1/2	146,323	1/2	158,349	1/2	169,751	1/2		1/2		1/2		1/2		1/2	
3/4	122,413	3/4	134,507	3/4	146,574	3/4	158,600	3/4	169,894	3/4		3/4		3/4		3/4		3/4	
5	122,665	5	134,759	5	146,824	5	158,850	5	170,037	5		5		5		5		5	
1/4	122,917	1/4	135,011	1/4	147,075	1/4	159,101	1/4	170,138	1/4		1/4		1/4		1/4		1/4	
1/2	123,169	1/2	135,263	1/2	147,325	1/2	159,351	1/2	170,240	1/2		1/2		1/2		1/2		1/2	
3/4	123,421	3/4	135,515	3/4	147,576	3/4	159,602	3/4	170,341	3/4		3/4		3/4		3/4		3/4	
6	123,673	6	135,767	6	147,826	6	159,852	6	170,442	6		6		6		6		6	
1/4	123,925	1/4	136,019	1/4	148,077	1/4	160,103	1/4	170,501	1/4		1/4		1/4		1/4		1/4	
1/2	124,177	1/2	136,270	1/2	148,327	1/2	160,354	1/2	170,561	1/2		1/2		1/2		1/2		1/2	
3/4	124,429	3/4	136,522	3/4	148,578	3/4	160,604	3/4	170,620	3/4		3/4		3/4		3/4		3/4	
7	124,681	7	136,774	7	148,828	7	160,855	7	170,679	7		7		7		7		7	
1/4	124,933	1/4	137,026	1/4	149,079	1/4	161,105	1/4	170,696	1/4		1/4		1/4		1/4		1/4	
1/2	125,185	1/2	137,278	1/2	149,330	1/2	161,356	1/2	170,713	1/2		1/2		1/2		1/2		1/2	
3/4	125,437	3/4	137,530	3/4	149,580	3/4	161,606	3/4	170,731	3/4		3/4		3/4		3/4		3/4	
8	125,689	8	137,782	8	149,831	8	161,857	8	170,748	8		8		8		8		8	
1/4	125,941	1/4	138,034	1/4	150,081	1/4	162,105	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,193	1/2	138,286	1/2	150,332	1/2	162,353	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,445	3/4	138,538	3/4	150,582	3/4	162,601	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,697	9	138,790	9	150,833	9	162,850	9		9		9		9		9		9	
1/4	126,948	1/4	139,042	1/4	151,083	1/4	163,098	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,200	1/2	139,294	1/2	151,334	1/2	163,346	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,452	3/4	139,546	3/4	151,584	3/4	163,594	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,704	10	139,798	10	151,835	10	163,843	10		10		10		10		10		10	
1/4	127,956	1/4	140,050	1/4	152,086	1/4	164,091	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,208	1/2	140,302	1/2	152,336	1/2	164,339	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,460	3/4	140,554	3/4	152,587	3/4	164,587	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,712	11	140,805	11	152,837	11	164,836	11		11		11		11		11		11	
1/4	128,964	1/4	141,057	1/4	153,088	1/4	165,084	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,216	1/2	141,309	1/2	153,338	1/2	165,332	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,468	3/4	141,561	3/4	153,589	3/4	165,580	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/15/2015 SW
CALCULATED: 06/16/2014 CL
PRINTED: 06/16/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1383"

1 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	8,102	0	18,905	0	29,558	0	40,240	0	51,015	0	61,790	0	72,542	0	83,296	0	94,074
1/4	58	1/4	8,327	1/4	19,130	1/4	29,776	1/4	40,464	1/4	51,239	1/4	62,015	1/4	72,765	1/4	83,521	1/4	94,299
1/2	77	1/2	8,552	1/2	19,355	1/2	29,995	1/2	40,689	1/2	51,464	1/2	62,239	1/2	72,988	1/2	83,745	1/2	94,524
3/4	96	3/4	8,777	3/4	19,580	3/4	30,214	3/4	40,913	3/4	51,688	3/4	62,464	3/4	73,212	3/4	83,970	3/4	94,748
1	114	1	9,002	1	19,805	1	30,432	1	41,138	1	51,913	1	62,688	1	73,435	1	84,194	1	94,973
1/4	171	1/4	9,227	1/4	20,030	1/4	30,651	1/4	41,362	1/4	52,137	1/4	62,913	1/4	73,658	1/4	84,419	1/4	95,197
1/2	227	1/2	9,452	1/2	20,256	1/2	30,870	1/2	41,587	1/2	52,362	1/2	63,137	1/2	73,881	1/2	84,643	1/2	95,422
3/4	283	3/4	9,677	3/4	20,481	3/4	31,088	3/4	41,811	3/4	52,586	3/4	63,362	3/4	74,104	3/4	84,868	3/4	95,646
2	339	2	9,903	2	20,706	2	31,307	2	42,036	2	52,811	2	63,586	2	74,327	2	85,092	2	95,871
1/4	433	1/4	10,128	1/4	20,931	1/4	31,526	1/4	42,260	1/4	53,035	1/4	63,811	1/4	74,550	1/4	85,317	1/4	96,095
1/2	527	1/2	10,353	1/2	21,156	1/2	31,744	1/2	42,485	1/2	53,260	1/2	64,035	1/2	74,773	1/2	85,541	1/2	96,320
3/4	621	3/4	10,578	3/4	21,381	3/4	31,963	3/4	42,709	3/4	53,484	3/4	64,260	3/4	74,997	3/4	85,766	3/4	96,545
3	715	3	10,803	3	21,606	3	32,182	3	42,934	3	53,709	3	64,484	3	75,220	3	85,991	3	96,769
1/4	846	1/4	11,028	1/4	21,831	1/4	32,400	1/4	43,158	1/4	53,933	1/4	64,708	1/4	75,443	1/4	86,215	1/4	96,994
1/2	977	1/2	11,253	1/2	22,056	1/2	32,619	1/2	43,383	1/2	54,158	1/2	64,933	1/2	75,666	1/2	86,440	1/2	97,218
3/4	1,108	3/4	11,478	3/4	22,281	3/4	32,838	3/4	43,607	3/4	54,382	3/4	65,157	3/4	75,889	3/4	86,664	3/4	97,443
4	1,240	4	11,703	4	22,506	4	33,056	4	43,832	4	54,607	4	65,382	4	76,112	4	86,889	4	97,667
1/4	1,408	1/4	11,928	1/4	22,731	1/4	33,281	1/4	44,056	1/4	54,831	1/4	65,606	1/4	76,336	1/4	87,113	1/4	97,892
1/2	1,577	1/2	12,153	1/2	22,956	1/2	33,505	1/2	44,281	1/2	55,056	1/2	65,831	1/2	76,560	1/2	87,338	1/2	98,116
3/4	1,746	3/4	12,378	3/4	23,181	3/4	33,730	3/4	44,505	3/4	55,280	3/4	66,055	3/4	76,784	3/4	87,562	3/4	98,341
5	1,915	5	12,603	5	23,406	5	33,954	5	44,729	5	55,505	5	66,280	5	77,008	5	87,787	5	98,566
1/4	2,120	1/4	12,828	1/4	23,632	1/4	34,179	1/4	44,954	1/4	55,729	1/4	66,504	1/4	77,232	1/4	88,012	1/4	98,790
1/2	2,326	1/2	13,053	1/2	23,857	1/2	34,403	1/2	45,178	1/2	55,954	1/2	66,729	1/2	77,457	1/2	88,236	1/2	99,015
3/4	2,532	3/4	13,279	3/4	24,082	3/4	34,628	3/4	45,403	3/4	56,178	3/4	66,953	3/4	77,681	3/4	88,461	3/4	99,239
6	2,737	6	13,504	6	24,307	6	34,852	6	45,627	6	56,403	6	67,178	6	77,906	6	88,685	6	99,464
1/4	2,958	1/4	13,729	1/4	24,526	1/4	35,077	1/4	45,852	1/4	56,627	1/4	67,402	1/4	78,131	1/4	88,910	1/4	99,688
1/2	3,179	1/2	13,954	1/2	24,745	1/2	35,301	1/2	46,076	1/2	56,852	1/2	67,626	1/2	78,355	1/2	89,134	1/2	99,913
3/4	3,399	3/4	14,179	3/4	24,964	3/4	35,526	3/4	46,301	3/4	57,076	3/4	67,849	3/4	78,580	3/4	89,359	3/4	100,137
7	3,620	7	14,404	7	25,183	7	35,750	7	46,525	7	57,301	7	68,073	7	78,804	7	89,583	7	100,362
1/4	3,842	1/4	14,629	1/4	25,402	1/4	35,975	1/4	46,750	1/4	57,525	1/4	68,297	1/4	79,029	1/4	89,808	1/4	100,586
1/2	4,065	1/2	14,854	1/2	25,621	1/2	36,199	1/2	46,974	1/2	57,749	1/2	68,521	1/2	79,253	1/2	90,033	1/2	100,811
3/4	4,287	3/4	15,079	3/4	25,840	3/4	36,424	3/4	47,199	3/4	57,974	3/4	68,745	3/4	79,478	3/4	90,257	3/4	101,036
8	4,510	8	15,304	8	26,059	8	36,648	8	47,423	8	58,198	8	68,969	8	79,703	8	90,482	8	101,260
1/4	4,734	1/4	15,529	1/4	26,278	1/4	36,873	1/4	47,648	1/4	58,423	1/4	69,193	1/4	79,927	1/4	90,706	1/4	101,485
1/2	4,957	1/2	15,754	1/2	26,496	1/2	37,097	1/2	47,872	1/2	58,647	1/2	69,417	1/2	80,152	1/2	90,931	1/2	101,709
3/4	5,181	3/4	15,979	3/4	26,715	3/4	37,322	3/4	48,097	3/4	58,872	3/4	69,641	3/4	80,376	3/4	91,155	3/4	101,934
9	5,405	9	16,204	9	26,934	9	37,546	9	48,321	9	59,096	9	69,865	9	80,601	9	91,380	9	102,158
1/4	5,629	1/4	16,429	1/4	27,152	1/4	37,770	1/4	48,546	1/4	59,321	1/4	70,088	1/4	80,826	1/4	91,604	1/4	102,383
1/2	5,854	1/2	16,655	1/2	27,371	1/2	37,995	1/2	48,770	1/2	59,545	1/2	70,311	1/2	81,050	1/2	91,829	1/2	102,607
3/4	6,078	3/4	16,880	3/4	27,590	3/4	38,219	3/4	48,995	3/4	59,770	3/4	70,534	3/4	81,275	3/4	92,054	3/4	102,832
10	6,302	10	17,105	10	27,808	10	38,444	10	49,219	10	59,994	10	70,757	10	81,499	10	92,278	10	103,057
1/4	6,527	1/4	17,330	1/4	28,027	1/4	38,668	1/4	49,444	1/4	60,219	1/4	70,980	1/4	81,724	1/4	92,503	1/4	103,281
1/2	6,752	1/2	17,555	1/2	28,246	1/2	38,893	1/2	49,668	1/2	60,443	1/2	71,203	1/2	81,948	1/2	92,727	1/2	103,506
3/4	6,977	3/4	17,780	3/4	28,464	3/4	39,117	3/4	49,893	3/4	60,668	3/4	71,426	3/4	82,173	3/4	92,952	3/4	103,730
11	7,202	11	18,005	11	28,683	11	39,342	11	50,117	11	60,892	11	71,650	11	82,398	11	93,176	11	103,955
1/4	7,427	1/4	18,230	1/4	28,902	1/4	39,566	1/4	50,342	1/4	61,117	1/4	71,873	1/4	82,622	1/4	93,401	1/4	104,179
1/2	7,652	1/2	18,455	1/2	29,120	1/2	39,791	1/2	50,566	1/2	61,341	1/2	72,096	1/2	82,847	1/2	93,625	1/2	104,404
3/4	7,877	3/4	18,680	3/4	29,339	3/4	40,015	3/4	50,791	3/4	61,566	3/4	72,319	3/4	83,071	3/4	93,850	3/4	104,628

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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 Pearland, Texas 77588
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BARGE "CBC 1383"

1 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	104,853	0	114,967	0	124,440	0	133,870	0	143,284	0		0		0		0		0	
1/4	105,077	1/4	115,165	1/4	124,636	1/4	134,067	1/4	143,479	1/4		1/4		1/4		1/4		1/4	
1/2	105,302	1/2	115,362	1/2	124,833	1/2	134,263	1/2	143,673	1/2		1/2		1/2		1/2		1/2	
3/4	105,526	3/4	115,559	3/4	125,030	3/4	134,460	3/4	143,868	3/4		3/4		3/4		3/4		3/4	
1	105,750	1	115,757	1	125,227	1	134,657	1	144,063	1		1		1		1		1	
1/4	105,975	1/4	115,954	1/4	125,424	1/4	134,854	1/4	144,257	1/4		1/4		1/4		1/4		1/4	
1/2	106,199	1/2	116,151	1/2	125,620	1/2	135,051	1/2	144,452	1/2		1/2		1/2		1/2		1/2	
3/4	106,423	3/4	116,349	3/4	125,817	3/4	135,248	3/4	144,647	3/4		3/4		3/4		3/4		3/4	
2	106,647	2	116,546	2	126,014	2	135,444	2	144,842	2		2		2		2		2	
1/4	106,872	1/4	116,743	1/4	126,211	1/4	135,641	1/4	145,045	1/4		1/4		1/4		1/4		1/4	
1/2	107,096	1/2	116,941	1/2	126,408	1/2	135,838	1/2	145,249	1/2		1/2		1/2		1/2		1/2	
3/4	107,320	3/4	117,138	3/4	126,605	3/4	136,035	3/4	145,453	3/4		3/4		3/4		3/4		3/4	
3	107,545	3	117,335	3	126,801	3	136,232	3	145,656	3		3		3		3		3	
1/4	107,769	1/4	117,533	1/4	126,998	1/4	136,428	1/4	145,822	1/4		1/4		1/4		1/4		1/4	
1/2	107,993	1/2	117,730	1/2	127,195	1/2	136,625	1/2	145,989	1/2		1/2		1/2		1/2		1/2	
3/4	108,218	3/4	117,927	3/4	127,392	3/4	136,822	3/4	146,155	3/4		3/4		3/4		3/4		3/4	
4	108,442	4	118,125	4	127,589	4	137,019	4	146,321	4		4		4		4		4	
1/4	108,666	1/4	118,322	1/4	127,785	1/4	137,216	1/4	146,450	1/4		1/4		1/4		1/4		1/4	
1/2	108,890	1/2	118,519	1/2	127,982	1/2	137,413	1/2	146,578	1/2		1/2		1/2		1/2		1/2	
3/4	109,115	3/4	118,717	3/4	128,179	3/4	137,609	3/4	146,707	3/4		3/4		3/4		3/4		3/4	
5	109,339	5	118,914	5	128,376	5	137,806	5	146,835	5		5		5		5		5	
1/4	109,563	1/4	119,111	1/4	128,573	1/4	138,003	1/4	146,927	1/4		1/4		1/4		1/4		1/4	
1/2	109,788	1/2	119,309	1/2	128,770	1/2	138,200	1/2	147,018	1/2		1/2		1/2		1/2		1/2	
3/4	110,012	3/4	119,506	3/4	128,966	3/4	138,397	3/4	147,109	3/4		3/4		3/4		3/4		3/4	
6	110,236	6	119,703	6	129,163	6	138,593	6	147,200	6		6		6		6		6	
1/4	110,433	1/4	119,901	1/4	129,359	1/4	138,790	1/4	147,253	1/4		1/4		1/4		1/4		1/4	
1/2	110,631	1/2	120,098	1/2	129,555	1/2	138,987	1/2	147,307	1/2		1/2		1/2		1/2		1/2	
3/4	110,828	3/4	120,295	3/4	129,751	3/4	139,184	3/4	147,361	3/4		3/4		3/4		3/4		3/4	
7	111,025	7	120,493	7	129,948	7	139,381	7	147,414	7		7		7		7		7	
1/4	111,222	1/4	120,690	1/4	130,144	1/4	139,577	1/4	147,430	1/4		1/4		1/4		1/4		1/4	
1/2	111,419	1/2	120,887	1/2	130,340	1/2	139,774	1/2	147,446	1/2		1/2		1/2		1/2		1/2	
3/4	111,616	3/4	121,085	3/4	130,536	3/4	139,971	3/4	147,463	3/4		3/4		3/4		3/4		3/4	
8	111,813	8	121,282	8	130,732	8	140,168	8	147,479	8		8		8		8		8	
1/4	112,010	1/4	121,479	1/4	130,928	1/4	140,363	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,208	1/2	121,677	1/2	131,124	1/2	140,557	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,405	3/4	121,874	3/4	131,320	3/4	140,752	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,602	9	122,072	9	131,516	9	140,947	9		9		9		9		9		9	
1/4	112,799	1/4	122,269	1/4	131,713	1/4	141,142	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,996	1/2	122,466	1/2	131,909	1/2	141,336	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,193	3/4	122,664	3/4	132,105	3/4	141,531	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,390	10	122,861	10	132,301	10	141,726	10		10		10		10		10		10	
1/4	113,587	1/4	123,058	1/4	132,497	1/4	141,921	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,785	1/2	123,256	1/2	132,693	1/2	142,115	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,982	3/4	123,453	3/4	132,889	3/4	142,310	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,179	11	123,650	11	133,085	11	142,505	11		11		11		11		11		11	
1/4	114,376	1/4	123,848	1/4	133,281	1/4	142,700	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,573	1/2	124,045	1/2	133,478	1/2	142,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,770	3/4	124,242	3/4	133,674	3/4	143,089	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/15/2015 SW
CALCULATED: 06/16/2014 CL
PRINTED: 06/16/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1383"

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	00-3/8	- 00-3/8	00-5/8	- 00-5/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-5/8	- 01-5/8	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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(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"

June 16, 2015

PRECISION MEASUREMENT
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BARGE "CBC 1383"

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	151,450	0	143,161	0	132,508	0	121,833	0	111,121	0	100,409	0	89,698	0	78,985	
1/4	1/4	1/4	1/4	1/4	151,435	1/4	142,939	1/4	132,286	1/4	121,610	1/4	110,898	1/4	100,186	1/4	89,475	1/4	78,762	
1/2	1/2	1/2	1/2	1/2	151,419	1/2	142,717	1/2	132,064	1/2	121,386	1/2	110,675	1/2	99,963	1/2	89,251	1/2	78,539	
3/4	3/4	3/4	3/4	3/4	151,367	3/4	142,495	3/4	131,842	3/4	121,163	3/4	110,452	3/4	99,740	3/4	89,028	3/4	78,316	
1	1	1	1	1	151,314	1	142,273	1	131,620	1	120,940	1	110,228	1	99,517	1	88,805	1	78,093	
1/4	1/4	1/4	1/4	1/4	151,262	1/4	142,051	1/4	131,398	1/4	120,717	1/4	110,005	1/4	99,294	1/4	88,582	1/4	77,869	
1/2	1/2	1/2	1/2	1/2	151,209	1/2	141,829	1/2	131,176	1/2	120,494	1/2	109,782	1/2	99,070	1/2	88,359	1/2	77,646	
3/4	3/4	3/4	3/4	3/4	151,120	3/4	141,607	3/4	130,954	3/4	120,271	3/4	109,559	3/4	98,847	3/4	88,136	3/4	77,423	
2	2	2	2	2	151,030	2	141,385	2	130,732	2	120,047	2	109,336	2	98,624	2	87,912	2	77,200	
1/4	1/4	1/4	1/4	1/4	150,940	1/4	141,163	1/4	130,510	1/4	119,824	1/4	109,113	1/4	98,401	1/4	87,689	1/4	76,977	
1/2	1/2	1/2	1/2	1/2	150,851	1/2	140,941	1/2	130,288	1/2	119,601	1/2	108,889	1/2	98,178	1/2	87,466	1/2	76,753	
3/4	3/4	3/4	3/4	3/4	150,724	3/4	140,719	3/4	130,066	3/4	119,378	3/4	108,666	3/4	97,955	3/4	87,243	3/4	76,530	
3	3	3	3	3	150,597	3	140,497	3	129,844	3	119,155	3	108,443	3	97,731	3	87,020	3	76,307	
1/4	1/4	1/4	1/4	1/4	150,470	1/4	140,275	1/4	129,622	1/4	118,932	1/4	108,220	1/4	97,508	1/4	86,797	1/4	76,084	
1/2	1/2	1/2	1/2	1/2	150,343	1/2	140,053	1/2	129,401	1/2	118,708	1/2	107,997	1/2	97,285	1/2	86,573	1/2	75,861	
3/4	3/4	3/4	3/4	3/4	150,179	3/4	139,832	3/4	129,179	3/4	118,485	3/4	107,774	3/4	97,062	3/4	86,350	3/4	75,637	
4	4	4	4	4	150,015	4	139,610	4	128,957	4	118,262	4	107,550	4	96,839	4	86,127	4	75,414	
1/4	1/4	1/4	1/4	1/4	149,851	1/4	139,388	1/4	128,735	1/4	118,039	1/4	107,327	1/4	96,616	1/4	85,904	1/4	75,191	
1/2	1/2	1/2	1/2	1/2	149,687	1/2	139,166	1/2	128,513	1/2	117,816	1/2	107,104	1/2	96,392	1/2	85,681	1/2	74,968	
3/4	3/4	3/4	3/4	3/4	149,486	3/4	138,944	3/4	128,291	3/4	117,593	3/4	106,881	3/4	96,169	3/4	85,458	3/4	74,745	
5	5	5	5	5	149,284	5	138,722	5	128,069	5	117,369	5	106,658	5	95,946	5	85,234	5	74,521	
1/4	1/4	1/4	1/4	1/4	149,083	1/4	138,500	1/4	127,847	1/4	117,146	1/4	106,435	1/4	95,723	1/4	85,011	1/4	74,298	
1/2	1/2	1/2	1/2	1/2	148,882	1/2	138,278	1/2	127,625	1/2	116,923	1/2	106,211	1/2	95,500	1/2	84,788	1/2	74,075	
3/4	3/4	3/4	3/4	3/4	148,662	3/4	138,056	3/4	127,403	3/4	116,700	3/4	105,988	3/4	95,277	3/4	84,565	3/4	73,852	
6	6	6	6	6	148,442	6	137,834	6	127,181	6	116,477	6	105,765	6	95,053	6	84,342	6	73,629	
1/4	1/4	1/4	1/4	1/4	148,222	1/4	137,612	1/4	126,959	1/4	116,254	1/4	105,542	1/4	94,830	1/4	84,119	1/4	73,405	
1/2	1/2	1/2	1/2	1/2	148,002	1/2	137,390	1/2	126,737	1/2	116,031	1/2	105,319	1/2	94,607	1/2	83,896	1/2	73,182	
3/4	3/4	3/4	3/4	3/4	147,782	3/4	137,168	3/4	126,515	3/4	115,807	3/4	105,096	3/4	94,384	3/4	83,672	3/4	72,959	
7	7	7	7	7	147,562	7	136,946	7	126,293	7	115,584	7	104,873	7	94,161	7	83,449	7	72,736	
1/4	1/4	1/4	1/4	1/4	147,343	1/4	136,724	1/4	126,071	1/4	115,361	1/4	104,649	1/4	93,938	1/4	83,226	1/4	72,513	
1/2	1/2	1/2	1/2	1/2	147,123	1/2	136,502	1/2	125,850	1/2	115,138	1/2	104,426	1/2	93,715	1/2	83,003	1/2	72,289	
3/4	3/4	3/4	3/4	3/4	146,903	3/4	136,281	3/4	125,626	3/4	114,915	3/4	104,203	3/4	93,491	3/4	82,780	3/4	72,066	
8	8	8	8	8	146,683	8	136,059	8	125,403	8	114,692	8	103,980	8	93,268	8	82,556	8	71,843	
1/4	1/4	1/4	1/4	1/4	146,463	1/4	135,837	1/4	125,180	1/4	114,468	1/4	103,757	1/4	93,045	1/4	82,333	1/4	71,620	
1/2	1/2	1/2	1/2	1/2	146,243	1/2	135,615	1/2	124,957	1/2	114,245	1/2	103,534	1/2	92,822	1/2	82,110	1/2	71,397	
3/4	3/4	3/4	3/4	3/4	146,023	3/4	135,393	3/4	124,734	3/4	114,022	3/4	103,310	3/4	92,599	3/4	81,887	3/4	71,173	
9	9	9	9	9	145,803	9	135,171	9	124,511	9	113,799	9	103,087	9	92,376	9	81,664	9	70,950	
1/4	1/4	1/4	1/4	1/4	145,583	1/4	134,949	1/4	124,287	1/4	113,576	1/4	102,864	1/4	92,152	1/4	81,440	1/4	70,727	
1/2	1/2	1/2	1/2	1/2	145,364	1/2	134,727	1/2	124,064	1/2	113,353	1/2	102,641	1/2	91,929	1/2	81,217	1/2	70,504	
3/4	3/4	3/4	3/4	3/4	145,144	3/4	134,505	3/4	123,841	3/4	113,129	3/4	102,418	3/4	91,706	3/4	80,994	3/4	70,281	
10	10	10	10	10	144,924	10	134,283	10	123,618	10	112,906	10	102,195	10	91,483	10	80,771	10	70,057	
1/4	1/4	1/4	1/4	1/4	144,704	1/4	134,061	1/4	123,395	1/4	112,683	1/4	101,971	1/4	91,260	1/4	80,548	1/4	69,834	
1/2	1/2	1/2	1/2	1/2	144,484	1/2	133,839	1/2	123,172	1/2	112,460	1/2	101,748	1/2	91,037	1/2	80,325	1/2	69,611	
3/4	3/4	3/4	3/4	3/4	144,264	3/4	133,617	3/4	122,948	3/4	112,237	3/4	101,525	3/4	90,813	3/4	80,101	3/4	69,388	
11	11	11	11	11	144,044	11	133,395	11	122,725	11	112,014	11	101,302	11	90,590	11	79,878	11	69,165	
1/4	1/4	1/4	1/4	1/4	143,824	1/4	133,173	1/4	122,502	1/4	111,790	1/4	101,079	1/4	90,367	1/4	79,655	1/4	68,941	
1/2	1/2	1/2	1/2	151,481	1/2	143,604	1/2	132,952	1/2	122,279	1/2	111,567	1/2	100,856	1/2	90,144	1/2	79,432	1/2	68,718
3/4	3/4	3/4	3/4	151,465	3/4	143,383	3/4	132,730	3/4	122,056	3/4	111,344	3/4	100,632	3/4	89,921	3/4	79,209	3/4	68,495

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.
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 Pearland, Texas 77588
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BARGE "CBC 1383"

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	68,272	0	57,558	0	46,845	0	36,131	0	25,442	0	14,731	0	4,031	0		0		0	
1/4	68,049	1/4	57,335	1/4	46,622	1/4	35,908	1/4	25,219	1/4	14,507	1/4	3,811	1/4		1/4		1/4	
1/2	67,825	1/2	57,112	1/2	46,398	1/2	35,685	1/2	24,996	1/2	14,284	1/2	3,590	1/2		1/2		1/2	
3/4	67,602	3/4	56,889	3/4	46,175	3/4	35,462	3/4	24,773	3/4	14,061	3/4	3,371	3/4		3/4		3/4	
1	67,379	1	56,666	1	45,952	1	35,239	1	24,550	1	13,838	1	3,153	1		1		1	
1/4	67,156	1/4	56,442	1/4	45,729	1/4	35,015	1/4	24,327	1/4	13,615	1/4	2,934	1/4		1/4		1/4	
1/2	66,933	1/2	56,219	1/2	45,506	1/2	34,792	1/2	24,105	1/2	13,392	1/2	2,715	1/2		1/2		1/2	
3/4	66,709	3/4	55,996	3/4	45,282	3/4	34,569	3/4	23,881	3/4	13,168	3/4	2,511	3/4		3/4		3/4	
2	66,486	2	55,773	2	45,059	2	34,346	2	23,658	2	12,945	2	2,307	2		2		2	
1/4	66,263	1/4	55,550	1/4	44,836	1/4	34,123	1/4	23,435	1/4	12,722	1/4	2,103	1/4		1/4		1/4	
1/2	66,040	1/2	55,326	1/2	44,613	1/2	33,899	1/2	23,212	1/2	12,499	1/2	1,899	1/2		1/2		1/2	
3/4	65,817	3/4	55,103	3/4	44,390	3/4	33,676	3/4	22,989	3/4	12,276	3/4	1,732	3/4		3/4		3/4	
3	65,593	3	54,880	3	44,167	3	33,453	3	22,765	3	12,052	3	1,564	3		3		3	
1/4	65,370	1/4	54,657	1/4	43,943	1/4	33,230	1/4	22,542	1/4	11,829	1/4	1,397	1/4		1/4		1/4	
1/2	65,147	1/2	54,434	1/2	43,720	1/2	33,007	1/2	22,319	1/2	11,606	1/2	1,230	1/2		1/2		1/2	
3/4	64,924	3/4	54,210	3/4	43,497	3/4	32,784	3/4	22,096	3/4	11,383	3/4	1,099	3/4		3/4		3/4	
4	64,701	4	53,987	4	43,274	4	32,562	4	21,873	4	11,160	4	969	4		4		4	
1/4	64,477	1/4	53,764	1/4	43,051	1/4	32,339	1/4	21,650	1/4	10,936	1/4	839	1/4		1/4		1/4	
1/2	64,254	1/2	53,541	1/2	42,827	1/2	32,117	1/2	21,426	1/2	10,713	1/2	709	1/2		1/2		1/2	
3/4	64,031	3/4	53,318	3/4	42,604	3/4	31,894	3/4	21,203	3/4	10,490	3/4	616	3/4		3/4		3/4	
5	63,808	5	53,094	5	42,381	5	31,672	5	20,980	5	10,267	5	523	5		5		5	
1/4	63,585	1/4	52,871	1/4	42,158	1/4	31,449	1/4	20,757	1/4	10,044	1/4	430	1/4		1/4		1/4	
1/2	63,361	1/2	52,648	1/2	41,935	1/2	31,227	1/2	20,534	1/2	9,821	1/2	337	1/2		1/2		1/2	
3/4	63,138	3/4	52,425	3/4	41,711	3/4	31,004	3/4	20,310	3/4	9,597	3/4	281	3/4		3/4		3/4	
6	62,915	6	52,202	6	41,488	6	30,782	6	20,087	6	9,374	6	225	6		6		6	
1/4	62,692	1/4	51,978	1/4	41,265	1/4	30,559	1/4	19,864	1/4	9,151	1/4	169	1/4		1/4		1/4	
1/2	62,469	1/2	51,755	1/2	41,042	1/2	30,337	1/2	19,641	1/2	8,928	1/2	114	1/2		1/2		1/2	
3/4	62,246	3/4	51,532	3/4	40,819	3/4	30,114	3/4	19,418	3/4	8,705	3/4	95	3/4		3/4		3/4	
7	62,022	7	51,309	7	40,595	7	29,892	7	19,194	7	8,481	7	76	7		7		7	
1/4	61,799	1/4	51,086	1/4	40,372	1/4	29,669	1/4	18,971	1/4	8,258	1/4	58	1/4		1/4		1/4	
1/2	61,576	1/2	50,862	1/2	40,149	1/2	29,447	1/2	18,748	1/2	8,035	1/2	39	1/2		1/2		1/2	
3/4	61,353	3/4	50,639	3/4	39,926	3/4	29,224	3/4	18,525	3/4	7,812	3/4		3/4		3/4		3/4	
8	61,130	8	50,416	8	39,703	8	29,002	8	18,302	8	7,589	8		8		8		8	
1/4	60,906	1/4	50,193	1/4	39,479	1/4	28,780	1/4	18,078	1/4	7,365	1/4		1/4		1/4		1/4	
1/2	60,683	1/2	49,970	1/2	39,256	1/2	28,557	1/2	17,855	1/2	7,142	1/2		1/2		1/2		1/2	
3/4	60,460	3/4	49,746	3/4	39,033	3/4	28,335	3/4	17,632	3/4	6,919	3/4		3/4		3/4		3/4	
9	60,237	9	49,523	9	38,810	9	28,112	9	17,409	9	6,696	9		9		9		9	
1/4	60,014	1/4	49,300	1/4	38,587	1/4	27,890	1/4	17,186	1/4	6,473	1/4		1/4		1/4		1/4	
1/2	59,790	1/2	49,077	1/2	38,363	1/2	27,667	1/2	16,963	1/2	6,250	1/2		1/2		1/2		1/2	
3/4	59,567	3/4	48,854	3/4	38,140	3/4	27,445	3/4	16,739	3/4	6,028	3/4		3/4		3/4		3/4	
10	59,344	10	48,630	10	37,917	10	27,222	10	16,516	10	5,805	10		10		10		10	
1/4	59,121	1/4	48,407	1/4	37,694	1/4	27,000	1/4	16,293	1/4	5,583	1/4		1/4		1/4		1/4	
1/2	58,898	1/2	48,184	1/2	37,471	1/2	26,777	1/2	16,070	1/2	5,360	1/2		1/2		1/2		1/2	
3/4	58,674	3/4	47,961	3/4	37,247	3/4	26,555	3/4	15,847	3/4	5,138	3/4		3/4		3/4		3/4	
11	58,451	11	47,738	11	37,024	11	26,332	11	15,623	11	4,916	11		11		11		11	
1/4	58,228	1/4	47,514	1/4	36,801	1/4	26,110	1/4	15,400	1/4	4,695	1/4		1/4		1/4		1/4	
1/2	58,005	1/2	47,291	1/2	36,578	1/2	25,887	1/2	15,177	1/2	4,473	1/2		1/2		1/2		1/2	
3/4	57,782	3/4	47,068	3/4	36,355	3/4	25,664	3/4	14,954	3/4	4,252	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/15/2015 SW
CALCULATED: 06/16/2014 CL
PRINTED: 06/16/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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



BARGE "CBC 1383"

2 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	170,713	0	161,356	0	149,330	0	137,278	0	125,185	0	113,091	0	100,998	0	88,904
1/4	1/4	1/4	1/4	1/4	170,696	1/4	161,105	1/4	149,079	1/4	137,026	1/4	124,933	1/4	112,840	1/4	100,746	1/4	88,652
1/2	1/2	1/2	1/2	1/2	170,679	1/2	160,855	1/2	148,828	1/2	136,774	1/2	124,681	1/2	112,588	1/2	100,494	1/2	88,400
3/4	3/4	3/4	3/4	3/4	170,620	3/4	160,604	3/4	148,578	3/4	136,522	3/4	124,429	3/4	112,336	3/4	100,242	3/4	88,148
1	1	1	1	1	170,561	1	160,354	1	148,327	1	136,270	1	124,177	1	112,084	1	99,990	1	87,896
1/4	1/4	1/4	1/4	1/4	170,501	1/4	160,103	1/4	148,077	1/4	136,019	1/4	123,925	1/4	111,832	1/4	99,738	1/4	87,644
1/2	1/2	1/2	1/2	1/2	170,442	1/2	159,852	1/2	147,826	1/2	135,767	1/2	123,673	1/2	111,580	1/2	99,486	1/2	87,392
3/4	3/4	3/4	3/4	3/4	170,341	3/4	159,602	3/4	147,576	3/4	135,515	3/4	123,421	3/4	111,328	3/4	99,234	3/4	87,140
2	2	2	2	2	170,240	2	159,351	2	147,325	2	135,263	2	123,169	2	111,076	2	98,983	2	86,888
1/4	1/4	1/4	1/4	1/4	170,138	1/4	159,101	1/4	147,075	1/4	135,011	1/4	122,917	1/4	110,824	1/4	98,731	1/4	86,636
1/2	1/2	1/2	1/2	1/2	170,037	1/2	158,850	1/2	146,824	1/2	134,759	1/2	122,665	1/2	110,572	1/2	98,479	1/2	86,384
3/4	3/4	3/4	3/4	3/4	169,894	3/4	158,600	3/4	146,574	3/4	134,507	3/4	122,413	3/4	110,320	3/4	98,227	3/4	86,132
3	3	3	3	3	169,751	3	158,349	3	146,323	3	134,255	3	122,162	3	110,068	3	97,975	3	85,880
1/4	1/4	1/4	1/4	1/4	169,607	1/4	158,099	1/4	146,073	1/4	134,003	1/4	121,910	1/4	109,816	1/4	97,723	1/4	85,628
1/2	1/2	1/2	1/2	1/2	169,464	1/2	157,848	1/2	145,822	1/2	133,751	1/2	121,658	1/2	109,564	1/2	97,471	1/2	85,376
3/4	3/4	3/4	3/4	3/4	169,279	3/4	157,598	3/4	145,571	3/4	133,499	3/4	121,406	3/4	109,312	3/4	97,219	3/4	85,124
4	4	4	4	4	169,094	4	157,347	4	145,321	4	133,247	4	121,154	4	109,060	4	96,967	4	84,872
1/4	1/4	1/4	1/4	1/4	168,908	1/4	157,096	1/4	145,070	1/4	132,995	1/4	120,902	1/4	108,808	1/4	96,715	1/4	84,620
1/2	1/2	1/2	1/2	1/2	168,723	1/2	156,846	1/2	144,820	1/2	132,743	1/2	120,650	1/2	108,556	1/2	96,463	1/2	84,368
3/4	3/4	3/4	3/4	3/4	168,496	3/4	156,595	3/4	144,569	3/4	132,491	3/4	120,398	3/4	108,305	3/4	96,211	3/4	84,116
5	5	5	5	5	168,269	5	156,345	5	144,319	5	132,239	5	120,146	5	108,053	5	95,959	5	83,864
1/4	1/4	1/4	1/4	1/4	168,042	1/4	156,094	1/4	144,068	1/4	131,987	1/4	119,894	1/4	107,801	1/4	95,707	1/4	83,612
1/2	1/2	1/2	1/2	1/2	167,814	1/2	155,844	1/2	143,818	1/2	131,735	1/2	119,642	1/2	107,549	1/2	95,455	1/2	83,360
3/4	3/4	3/4	3/4	3/4	167,566	3/4	155,593	3/4	143,567	3/4	131,483	3/4	119,390	3/4	107,297	3/4	95,203	3/4	83,108
6	6	6	6	6	167,318	6	155,343	6	143,317	6	131,232	6	119,138	6	107,045	6	94,951	6	82,856
1/4	1/4	1/4	1/4	1/4	167,070	1/4	155,092	1/4	143,066	1/4	130,980	1/4	118,886	1/4	106,793	1/4	94,699	1/4	82,604
1/2	1/2	1/2	1/2	1/2	166,821	1/2	154,842	1/2	142,815	1/2	130,728	1/2	118,634	1/2	106,541	1/2	94,448	1/2	82,352
3/4	3/4	3/4	3/4	3/4	166,573	3/4	154,591	3/4	142,565	3/4	130,476	3/4	118,382	3/4	106,289	3/4	94,196	3/4	82,100
7	7	7	7	7	166,325	7	154,340	7	142,314	7	130,224	7	118,130	7	106,037	7	93,944	7	81,848
1/4	1/4	1/4	1/4	1/4	166,077	1/4	154,090	1/4	142,064	1/4	129,972	1/4	117,878	1/4	105,785	1/4	93,692	1/4	81,596
1/2	1/2	1/2	1/2	1/2	165,828	1/2	153,839	1/2	141,813	1/2	129,720	1/2	117,626	1/2	105,533	1/2	93,440	1/2	81,344
3/4	3/4	3/4	3/4	3/4	165,580	3/4	153,589	3/4	141,561	3/4	129,468	3/4	117,375	3/4	105,281	3/4	93,188	3/4	81,092
8	8	8	8	8	165,332	8	153,338	8	141,309	8	129,216	8	117,123	8	105,029	8	92,936	8	80,840
1/4	1/4	1/4	1/4	1/4	165,084	1/4	153,088	1/4	141,057	1/4	128,964	1/4	116,871	1/4	104,777	1/4	92,684	1/4	80,588
1/2	1/2	1/2	1/2	1/2	164,836	1/2	152,837	1/2	140,805	1/2	128,712	1/2	116,619	1/2	104,525	1/2	92,432	1/2	80,336
3/4	3/4	3/4	3/4	3/4	164,587	3/4	152,587	3/4	140,554	3/4	128,460	3/4	116,367	3/4	104,273	3/4	92,180	3/4	80,084
9	9	9	9	9	164,339	9	152,336	9	140,302	9	128,208	9	116,115	9	104,021	9	91,928	9	79,832
1/4	1/4	1/4	1/4	1/4	164,091	1/4	152,086	1/4	140,050	1/4	127,956	1/4	115,863	1/4	103,769	1/4	91,676	1/4	79,580
1/2	1/2	1/2	1/2	1/2	163,843	1/2	151,835	1/2	139,798	1/2	127,704	1/2	115,611	1/2	103,518	1/2	91,424	1/2	79,328
3/4	3/4	3/4	3/4	3/4	163,594	3/4	151,584	3/4	139,546	3/4	127,452	3/4	115,359	3/4	103,266	3/4	91,172	3/4	79,076
10	10	10	10	10	163,346	10	151,334	10	139,294	10	127,200	10	115,107	10	103,014	10	90,920	10	78,824
1/4	1/4	1/4	1/4	1/4	163,098	1/4	151,083	1/4	139,042	1/4	126,948	1/4	114,855	1/4	102,762	1/4	90,668	1/4	78,572
1/2	1/2	1/2	1/2	1/2	162,850	1/2	150,833	1/2	138,790	1/2	126,697	1/2	114,603	1/2	102,510	1/2	90,416	1/2	78,320
3/4	3/4	3/4	3/4	3/4	162,601	3/4	150,582	3/4	138,538	3/4	126,445	3/4	114,351	3/4	102,258	3/4	90,164	3/4	78,068
11	11	11	11	11	162,353	11	150,332	11	138,286	11	126,193	11	114,099	11	102,006	11	89,912	11	77,816
1/4	1/4	1/4	1/4	1/4	162,105	1/4	150,081	1/4	138,034	1/4	125,941	1/4	113,847	1/4	101,754	1/4	89,660	1/4	77,564
1/2	1/2	1/2	1/2	1/2	170,748	1/2	161,857	1/2	149,831	1/2	137,782	1/2	125,689	1/2	113,595	1/2	101,502	1/2	89,408
3/4	3/4	3/4	3/4	3/4	170,731	3/4	161,606	3/4	149,580	3/4	137,530	3/4	125,437	3/4	113,343	3/4	101,250	3/4	89,156

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
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BARGE "CBC 1383"

2 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	76,808	0	64,713	0	52,618	0	40,522	0	28,707	0	16,626	0	4,547	0					
1/4	76,556	1/4	64,461	1/4	52,366	1/4	40,270	1/4	28,462	1/4	16,374	1/4	4,297	1/4					
1/2	76,305	1/2	64,209	1/2	52,114	1/2	40,018	1/2	28,217	1/2	16,122	1/2	4,048	1/2					
3/4	76,053	3/4	63,957	3/4	51,862	3/4	39,766	3/4	27,965	3/4	15,870	3/4	3,801	3/4					
1	75,801	1	63,705	1	51,610	1	39,514	1	27,713	1	15,618	1	3,554	1					
1/4	75,549	1/4	63,453	1/4	51,358	1/4	39,262	1/4	27,461	1/4	15,366	1/4	3,307	1/4					
1/2	75,297	1/2	63,201	1/2	51,106	1/2	39,010	1/2	27,209	1/2	15,114	1/2	3,060	1/2					
3/4	75,045	3/4	62,949	3/4	50,854	3/4	38,758	3/4	26,957	3/4	14,862	3/4	2,830	3/4					
2	74,793	2	62,697	2	50,602	2	38,506	2	26,705	2	14,610	2	2,600	2					
1/4	74,541	1/4	62,445	1/4	50,350	1/4	38,254	1/4	26,453	1/4	14,358	1/4	2,369	1/4					
1/2	74,289	1/2	62,193	1/2	50,098	1/2	38,002	1/2	26,201	1/2	14,106	1/2	2,139	1/2					
3/4	74,037	3/4	61,941	3/4	49,846	3/4	37,757	3/4	25,949	3/4	13,854	3/4	1,950	3/4					
3	73,785	3	61,689	3	49,594	3	37,512	3	25,697	3	13,602	3	1,761	3					
1/4	73,533	1/4	61,437	1/4	49,342	1/4	37,267	1/4	25,445	1/4	13,350	1/4	1,572	1/4					
1/2	73,281	1/2	61,185	1/2	49,090	1/2	37,023	1/2	25,193	1/2	13,098	1/2	1,383	1/2					
3/4	73,029	3/4	60,933	3/4	48,838	3/4	36,778	3/4	24,941	3/4	12,846	3/4	1,236	3/4					
4	72,777	4	60,681	4	48,586	4	36,533	4	24,689	4	12,594	4	1,089	4					
1/4	72,525	1/4	60,429	1/4	48,334	1/4	36,289	1/4	24,437	1/4	12,342	1/4	942	1/4					
1/2	72,273	1/2	60,177	1/2	48,082	1/2	36,044	1/2	24,185	1/2	12,090	1/2	795	1/2					
3/4	72,021	3/4	59,925	3/4	47,830	3/4	35,800	3/4	23,933	3/4	11,838	3/4	690	3/4					
5	71,769	5	59,673	5	47,578	5	35,555	5	23,681	5	11,586	5	585	5					
1/4	71,517	1/4	59,421	1/4	47,326	1/4	35,311	1/4	23,429	1/4	11,334	1/4	480	1/4					
1/2	71,265	1/2	59,169	1/2	47,074	1/2	35,066	1/2	23,177	1/2	11,082	1/2	375	1/2					
3/4	71,013	3/4	58,917	3/4	46,822	3/4	34,821	3/4	22,925	3/4	10,830	3/4	312	3/4					
6	70,761	6	58,665	6	46,570	6	34,577	6	22,673	6	10,578	6	249	6					
1/4	70,509	1/4	58,413	1/4	46,318	1/4	34,332	1/4	22,421	1/4	10,326	1/4	186	1/4					
1/2	70,257	1/2	58,161	1/2	46,066	1/2	34,088	1/2	22,169	1/2	10,074	1/2	123	1/2					
3/4	70,005	3/4	57,909	3/4	45,814	3/4	33,843	3/4	21,917	3/4	9,822	3/4	102	3/4					
7	69,753	7	57,657	7	45,562	7	33,599	7	21,666	7	9,570	7	81	7					
1/4	69,501	1/4	57,405	1/4	45,310	1/4	33,354	1/4	21,414	1/4	9,319	1/4	60	1/4					
1/2	69,249	1/2	57,153	1/2	45,058	1/2	33,110	1/2	21,162	1/2	9,067	1/2	39	1/2					
3/4	68,997	3/4	56,901	3/4	44,806	3/4	32,865	3/4	20,910	3/4	8,815	3/4		3/4					
8	68,745	8	56,649	8	44,554	8	32,620	8	20,658	8	8,563	8		8					
1/4	68,493	1/4	56,397	1/4	44,302	1/4	32,376	1/4	20,406	1/4	8,311	1/4		1/4					
1/2	68,241	1/2	56,145	1/2	44,050	1/2	32,131	1/2	20,154	1/2	8,059	1/2		1/2					
3/4	67,989	3/4	55,893	3/4	43,798	3/4	31,887	3/4	19,902	3/4	7,807	3/4		3/4					
9	67,737	9	55,641	9	43,546	9	31,642	9	19,650	9	7,555	9		9					
1/4	67,485	1/4	55,389	1/4	43,294	1/4	31,398	1/4	19,398	1/4	7,303	1/4		1/4					
1/2	67,233	1/2	55,137	1/2	43,042	1/2	31,153	1/2	19,146	1/2	7,052	1/2		1/2					
3/4	66,981	3/4	54,885	3/4	42,790	3/4	30,909	3/4	18,894	3/4	6,800	3/4		3/4					
10	66,729	10	54,633	10	42,538	10	30,664	10	18,642	10	6,549	10		10					
1/4	66,477	1/4	54,381	1/4	42,286	1/4	30,419	1/4	18,390	1/4	6,298	1/4		1/4					
1/2	66,225	1/2	54,129	1/2	42,034	1/2	30,175	1/2	18,138	1/2	6,047	1/2		1/2					
3/4	65,973	3/4	53,878	3/4	41,782	3/4	29,930	3/4	17,886	3/4	5,796	3/4		3/4					
11	65,721	11	53,626	11	41,530	11	29,686	11	17,634	11	5,546	11		11					
1/4	65,469	1/4	53,374	1/4	41,278	1/4	29,441	1/4	17,382	1/4	5,295	1/4		1/4					
1/2	65,217	1/2	53,122	1/2	41,026	1/2	29,197	1/2	17,130	1/2	5,045	1/2		1/2					
3/4	64,965	3/4	52,870	3/4	40,774	3/4	28,952	3/4	16,878	3/4	4,796	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/15/2015 SW
CALCULATED: 06/16/2014 CL
PRINTED: 06/16/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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



BARGE "CBC 1383"

1 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	147,446	0	139,774	0	130,340	0	120,887	0	111,419	0	100,811	0	90,033	0	79,253
1/4	1/4	1/4	1/4	1/4	147,430	1/4	139,577	1/4	130,144	1/4	120,690	1/4	111,222	1/4	100,586	1/4	89,808	1/4	79,029
1/2	1/2	1/2	1/2	1/2	147,414	1/2	139,381	1/2	129,948	1/2	120,493	1/2	111,025	1/2	100,362	1/2	89,583	1/2	78,804
3/4	3/4	3/4	3/4	3/4	147,361	3/4	139,184	3/4	129,751	3/4	120,295	3/4	110,828	3/4	100,137	3/4	89,359	3/4	78,580
1	1	1	1	1	147,307	1	138,987	1	129,555	1	120,098	1	110,631	1	99,913	1	89,134	1	78,355
1/4	1/4	1/4	1/4	1/4	147,253	1/4	138,790	1/4	129,359	1/4	119,901	1/4	110,433	1/4	99,688	1/4	88,910	1/4	78,131
1/2	1/2	1/2	1/2	1/2	147,200	1/2	138,593	1/2	129,163	1/2	119,703	1/2	110,236	1/2	99,464	1/2	88,685	1/2	77,906
3/4	3/4	3/4	3/4	3/4	147,109	3/4	138,397	3/4	128,966	3/4	119,506	3/4	110,012	3/4	99,239	3/4	88,461	3/4	77,681
2	2	2	2	2	147,018	2	138,200	2	128,770	2	119,309	2	109,788	2	99,015	2	88,236	2	77,457
1/4	1/4	1/4	1/4	1/4	146,927	1/4	138,003	1/4	128,573	1/4	119,111	1/4	109,563	1/4	98,790	1/4	88,012	1/4	77,232
1/2	1/2	1/2	1/2	1/2	146,835	1/2	137,806	1/2	128,376	1/2	118,914	1/2	109,339	1/2	98,566	1/2	87,787	1/2	77,008
3/4	3/4	3/4	3/4	3/4	146,707	3/4	137,609	3/4	128,179	3/4	118,717	3/4	109,115	3/4	98,341	3/4	87,562	3/4	76,784
3	3	3	3	3	146,578	3	137,413	3	127,982	3	118,519	3	108,890	3	98,116	3	87,338	3	76,560
1/4	1/4	1/4	1/4	1/4	146,450	1/4	137,216	1/4	127,785	1/4	118,322	1/4	108,666	1/4	97,892	1/4	87,113	1/4	76,336
1/2	1/2	1/2	1/2	1/2	146,321	1/2	137,019	1/2	127,589	1/2	118,125	1/2	108,442	1/2	97,667	1/2	86,889	1/2	76,112
3/4	3/4	3/4	3/4	3/4	146,155	3/4	136,822	3/4	127,392	3/4	117,927	3/4	108,218	3/4	97,443	3/4	86,664	3/4	75,889
4	4	4	4	4	145,989	4	136,625	4	127,195	4	117,730	4	107,993	4	97,218	4	86,440	4	75,666
1/4	1/4	1/4	1/4	1/4	145,822	1/4	136,428	1/4	126,998	1/4	117,533	1/4	107,769	1/4	96,994	1/4	86,215	1/4	75,443
1/2	1/2	1/2	1/2	1/2	145,656	1/2	136,232	1/2	126,801	1/2	117,335	1/2	107,545	1/2	96,769	1/2	85,991	1/2	75,220
3/4	3/4	3/4	3/4	3/4	145,453	3/4	136,035	3/4	126,605	3/4	117,138	3/4	107,320	3/4	96,545	3/4	85,766	3/4	74,997
5	5	5	5	5	145,249	5	135,838	5	126,408	5	116,941	5	107,096	5	96,320	5	85,541	5	74,773
1/4	1/4	1/4	1/4	1/4	145,045	1/4	135,641	1/4	126,211	1/4	116,743	1/4	106,872	1/4	96,095	1/4	85,317	1/4	74,550
1/2	1/2	1/2	1/2	1/2	144,842	1/2	135,444	1/2	126,014	1/2	116,546	1/2	106,647	1/2	95,871	1/2	85,092	1/2	74,327
3/4	3/4	3/4	3/4	3/4	144,647	3/4	135,248	3/4	125,817	3/4	116,349	3/4	106,423	3/4	95,646	3/4	84,868	3/4	74,104
6	6	6	6	6	144,452	6	135,051	6	125,620	6	116,151	6	106,199	6	95,422	6	84,643	6	73,881
1/4	1/4	1/4	1/4	1/4	144,257	1/4	134,854	1/4	125,424	1/4	115,954	1/4	105,975	1/4	95,197	1/4	84,419	1/4	73,658
1/2	1/2	1/2	1/2	1/2	144,063	1/2	134,657	1/2	125,227	1/2	115,757	1/2	105,750	1/2	94,973	1/2	84,194	1/2	73,435
3/4	3/4	3/4	3/4	3/4	143,868	3/4	134,460	3/4	125,030	3/4	115,559	3/4	105,526	3/4	94,748	3/4	83,970	3/4	73,212
7	7	7	7	7	143,673	7	134,263	7	124,833	7	115,362	7	105,302	7	94,524	7	83,745	7	72,988
1/4	1/4	1/4	1/4	1/4	143,479	1/4	134,067	1/4	124,636	1/4	115,165	1/4	105,077	1/4	94,299	1/4	83,521	1/4	72,765
1/2	1/2	1/2	1/2	1/2	143,284	1/2	133,870	1/2	124,440	1/2	114,967	1/2	104,853	1/2	94,074	1/2	83,296	1/2	72,542
3/4	3/4	3/4	3/4	3/4	143,089	3/4	133,674	3/4	124,242	3/4	114,770	3/4	104,628	3/4	93,850	3/4	83,071	3/4	72,319
8	8	8	8	8	142,894	8	133,478	8	124,045	8	114,573	8	104,404	8	93,625	8	82,847	8	72,096
1/4	1/4	1/4	1/4	1/4	142,700	1/4	133,281	1/4	123,848	1/4	114,376	1/4	104,179	1/4	93,401	1/4	82,622	1/4	71,873
1/2	1/2	1/2	1/2	1/2	142,505	1/2	133,085	1/2	123,650	1/2	114,179	1/2	103,955	1/2	93,176	1/2	82,398	1/2	71,650
3/4	3/4	3/4	3/4	3/4	142,310	3/4	132,889	3/4	123,453	3/4	113,982	3/4	103,730	3/4	92,952	3/4	82,173	3/4	71,426
9	9	9	9	9	142,115	9	132,693	9	123,256	9	113,785	9	103,506	9	92,727	9	81,948	9	71,203
1/4	1/4	1/4	1/4	1/4	141,921	1/4	132,497	1/4	123,058	1/4	113,587	1/4	103,281	1/4	92,503	1/4	81,724	1/4	70,980
1/2	1/2	1/2	1/2	1/2	141,726	1/2	132,301	1/2	122,861	1/2	113,390	1/2	103,057	1/2	92,278	1/2	81,499	1/2	70,757
3/4	3/4	3/4	3/4	3/4	141,531	3/4	132,105	3/4	122,664	3/4	113,193	3/4	102,832	3/4	92,054	3/4	81,275	3/4	70,534
10	10	10	10	10	141,336	10	131,909	10	122,466	10	112,996	10	102,607	10	91,829	10	81,050	10	70,311
1/4	1/4	1/4	1/4	1/4	141,142	1/4	131,713	1/4	122,269	1/4	112,799	1/4	102,383	1/4	91,604	1/4	80,826	1/4	70,088
1/2	1/2	1/2	1/2	1/2	140,947	1/2	131,516	1/2	122,072	1/2	112,602	1/2	102,158	1/2	91,380	1/2	80,601	1/2	69,865
3/4	3/4	3/4	3/4	3/4	140,752	3/4	131,320	3/4	121,874	3/4	112,405	3/4	101,934	3/4	91,155	3/4	80,376	3/4	69,641
11	11	11	11	11	140,557	11	131,124	11	121,677	11	112,208	11	101,709	11	90,931	11	80,152	11	69,417
1/4	1/4	1/4	1/4	1/4	140,363	1/4	130,928	1/4	121,479	1/4	112,010	1/4	101,485	1/4	90,706	1/4	79,927	1/4	69,193
1/2	1/2	1/2	1/2	1/2	140,168	1/2	130,732	1/2	121,282	1/2	111,813	1/2	101,260	1/2	90,482	1/2	79,703	1/2	68,969
3/4	3/4	3/4	3/4	3/4	140,000	3/4	130,536	3/4	121,085	3/4	111,616	3/4	101,036	3/4	90,257	3/4	79,478	3/4	68,745

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.
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 Pearland, Texas 77588
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BARGE "CBC 1383"

1 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	68,521	0	57,749	0	46,974	0	36,199	0	25,621	0	14,854	0	4,065	0		0		0	
1/4	68,297	1/4	57,525	1/4	46,750	1/4	35,975	1/4	25,402	1/4	14,629	1/4	3,842	1/4		1/4		1/4	
1/2	68,073	1/2	57,301	1/2	46,525	1/2	35,750	1/2	25,183	1/2	14,404	1/2	3,620	1/2		1/2		1/2	
3/4	67,849	3/4	57,076	3/4	46,301	3/4	35,526	3/4	24,964	3/4	14,179	3/4	3,399	3/4		3/4		3/4	
1	67,626	1	56,852	1	46,076	1	35,301	1	24,745	1	13,954	1	3,179	1		1		1	
1/4	67,402	1/4	56,627	1/4	45,852	1/4	35,077	1/4	24,526	1/4	13,729	1/4	2,958	1/4		1/4		1/4	
1/2	67,178	1/2	56,403	1/2	45,627	1/2	34,852	1/2	24,307	1/2	13,504	1/2	2,737	1/2		1/2		1/2	
3/4	66,953	3/4	56,178	3/4	45,403	3/4	34,628	3/4	24,082	3/4	13,279	3/4	2,532	3/4		3/4		3/4	
2	66,729	2	55,954	2	45,178	2	34,403	2	23,857	2	13,053	2	2,326	2		2		2	
1/4	66,504	1/4	55,729	1/4	44,954	1/4	34,179	1/4	23,632	1/4	12,828	1/4	2,120	1/4		1/4		1/4	
1/2	66,280	1/2	55,505	1/2	44,729	1/2	33,954	1/2	23,406	1/2	12,603	1/2	1,915	1/2		1/2		1/2	
3/4	66,055	3/4	55,280	3/4	44,505	3/4	33,730	3/4	23,181	3/4	12,378	3/4	1,746	3/4		3/4		3/4	
3	65,831	3	55,056	3	44,281	3	33,505	3	22,956	3	12,153	3	1,577	3		3		3	
1/4	65,606	1/4	54,831	1/4	44,056	1/4	33,281	1/4	22,731	1/4	11,928	1/4	1,408	1/4		1/4		1/4	
1/2	65,382	1/2	54,607	1/2	43,832	1/2	33,056	1/2	22,506	1/2	11,703	1/2	1,240	1/2		1/2		1/2	
3/4	65,157	3/4	54,382	3/4	43,607	3/4	32,838	3/4	22,281	3/4	11,478	3/4	1,108	3/4		3/4		3/4	
4	64,933	4	54,158	4	43,383	4	32,619	4	22,056	4	11,253	4	977	4		4		4	
1/4	64,708	1/4	53,933	1/4	43,158	1/4	32,400	1/4	21,831	1/4	11,028	1/4	846	1/4		1/4		1/4	
1/2	64,484	1/2	53,709	1/2	42,934	1/2	32,182	1/2	21,606	1/2	10,803	1/2	715	1/2		1/2		1/2	
3/4	64,260	3/4	53,484	3/4	42,709	3/4	31,963	3/4	21,381	3/4	10,578	3/4	621	3/4		3/4		3/4	
5	64,035	5	53,260	5	42,485	5	31,744	5	21,156	5	10,353	5	527	5		5		5	
1/4	63,811	1/4	53,035	1/4	42,260	1/4	31,526	1/4	20,931	1/4	10,128	1/4	433	1/4		1/4		1/4	
1/2	63,586	1/2	52,811	1/2	42,036	1/2	31,307	1/2	20,706	1/2	9,903	1/2	339	1/2		1/2		1/2	
3/4	63,362	3/4	52,586	3/4	41,811	3/4	31,088	3/4	20,481	3/4	9,677	3/4	283	3/4		3/4		3/4	
6	63,137	6	52,362	6	41,587	6	30,870	6	20,256	6	9,452	6	227	6		6		6	
1/4	62,913	1/4	52,137	1/4	41,362	1/4	30,651	1/4	20,030	1/4	9,227	1/4	171	1/4		1/4		1/4	
1/2	62,688	1/2	51,913	1/2	41,138	1/2	30,432	1/2	19,805	1/2	9,002	1/2	114	1/2		1/2		1/2	
3/4	62,464	3/4	51,688	3/4	40,913	3/4	30,214	3/4	19,580	3/4	8,777	3/4	96	3/4		3/4		3/4	
7	62,239	7	51,464	7	40,689	7	29,995	7	19,355	7	8,552	7	77	7		7		7	
1/4	62,015	1/4	51,239	1/4	40,464	1/4	29,776	1/4	19,130	1/4	8,327	1/4	58	1/4		1/4		1/4	
1/2	61,790	1/2	51,015	1/2	40,240	1/2	29,558	1/2	18,905	1/2	8,102	1/2	39	1/2		1/2		1/2	
3/4	61,566	3/4	50,791	3/4	40,015	3/4	29,339	3/4	18,680	3/4	7,877	3/4		3/4		3/4		3/4	
8	61,341	8	50,566	8	39,791	8	29,120	8	18,455	8	7,652	8		8		8		8	
1/4	61,117	1/4	50,342	1/4	39,566	1/4	28,902	1/4	18,230	1/4	7,427	1/4		1/4		1/4		1/4	
1/2	60,892	1/2	50,117	1/2	39,342	1/2	28,683	1/2	18,005	1/2	7,202	1/2		1/2		1/2		1/2	
3/4	60,668	3/4	49,893	3/4	39,117	3/4	28,464	3/4	17,780	3/4	6,977	3/4		3/4		3/4		3/4	
9	60,443	9	49,668	9	38,893	9	28,246	9	17,555	9	6,752	9		9		9		9	
1/4	60,219	1/4	49,444	1/4	38,668	1/4	28,027	1/4	17,330	1/4	6,527	1/4		1/4		1/4		1/4	
1/2	59,994	1/2	49,219	1/2	38,444	1/2	27,808	1/2	17,105	1/2	6,302	1/2		1/2		1/2		1/2	
3/4	59,770	3/4	48,995	3/4	38,219	3/4	27,590	3/4	16,880	3/4	6,078	3/4		3/4		3/4		3/4	
10	59,545	10	48,770	10	37,995	10	27,371	10	16,655	10	5,854	10		10		10		10	
1/4	59,321	1/4	48,546	1/4	37,770	1/4	27,152	1/4	16,429	1/4	5,629	1/4		1/4		1/4		1/4	
1/2	59,096	1/2	48,321	1/2	37,546	1/2	26,934	1/2	16,204	1/2	5,405	1/2		1/2		1/2		1/2	
3/4	58,872	3/4	48,097	3/4	37,322	3/4	26,715	3/4	15,979	3/4	5,181	3/4		3/4		3/4		3/4	
11	58,647	11	47,872	11	37,097	11	26,496	11	15,754	11	4,957	11		11		11		11	
1/4	58,423	1/4	47,648	1/4	36,873	1/4	26,278	1/4	15,529	1/4	4,734	1/4		1/4		1/4		1/4	
1/2	58,198	1/2	47,423	1/2	36,648	1/2	26,059	1/2	15,304	1/2	4,510	1/2		1/2		1/2		1/2	
3/4	57,974	3/4	47,199	3/4	36,424	3/4	25,840	3/4	15,079	3/4	4,287	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/15/2015 SW
CALCULATED: 06/16/2014 CL
PRINTED: 06/16/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2015

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