



BARGE "CBC 1389"

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	- 01-3/8	01-3/8	- 01-5/8	01-5/8	- 02-0/8	02-0/8
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 CENTER	00-1/8	- 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"

January 8, 2016

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

<http://www.pmacorp.net>



BARGE "CBC 1389"

3 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	8,023	0	18,719	0	29,401	0	40,087	0	50,784	0	61,481	0	72,178	0	82,875	0	93,570
1/4	58	1/4	8,245	1/4	18,942	1/4	29,624	1/4	40,310	1/4	51,007	1/4	61,704	1/4	72,401	1/4	83,097	1/4	93,793
1/2	76	1/2	8,468	1/2	19,165	1/2	29,846	1/2	40,533	1/2	51,230	1/2	61,926	1/2	72,623	1/2	83,320	1/2	94,015
3/4	95	3/4	8,691	3/4	19,388	3/4	30,068	3/4	40,755	3/4	51,452	3/4	62,149	3/4	72,846	3/4	83,543	3/4	94,238
1	113	1	8,914	1	19,610	1	30,290	1	40,978	1	51,675	1	62,372	1	73,069	1	83,766	1	94,461
1/4	169	1/4	9,137	1/4	19,833	1/4	30,512	1/4	41,201	1/4	51,898	1/4	62,595	1/4	73,292	1/4	83,989	1/4	94,684
1/2	225	1/2	9,360	1/2	20,056	1/2	30,734	1/2	41,424	1/2	52,121	1/2	62,818	1/2	73,515	1/2	84,211	1/2	94,907
3/4	281	3/4	9,582	3/4	20,279	3/4	30,956	3/4	41,647	3/4	52,344	3/4	63,041	3/4	73,738	3/4	84,434	3/4	95,129
2	336	2	9,805	2	20,502	2	31,179	2	41,870	2	52,567	2	63,264	2	73,960	2	84,657	2	95,352
1/4	429	1/4	10,028	1/4	20,725	1/4	31,401	1/4	42,093	1/4	52,789	1/4	63,486	1/4	74,183	1/4	84,880	1/4	95,575
1/2	522	1/2	10,251	1/2	20,948	1/2	31,623	1/2	42,315	1/2	53,012	1/2	63,709	1/2	74,406	1/2	85,103	1/2	95,798
3/4	615	3/4	10,474	3/4	21,170	3/4	31,845	3/4	42,538	3/4	53,235	3/4	63,932	3/4	74,629	3/4	85,326	3/4	96,021
3	708	3	10,697	3	21,393	3	32,067	3	42,761	3	53,458	3	64,155	3	74,852	3	85,548	3	96,243
1/4	838	1/4	10,920	1/4	21,616	1/4	32,289	1/4	42,984	1/4	53,681	1/4	64,378	1/4	75,075	1/4	85,771	1/4	96,466
1/2	968	1/2	11,142	1/2	21,839	1/2	32,511	1/2	43,207	1/2	53,904	1/2	64,601	1/2	75,298	1/2	85,994	1/2	96,689
3/4	1,098	3/4	11,365	3/4	22,062	3/4	32,733	3/4	43,430	3/4	54,127	3/4	64,824	3/4	75,520	3/4	86,217	3/4	96,912
4	1,228	4	11,588	4	22,285	4	32,956	4	43,653	4	54,349	4	65,046	4	75,743	4	86,440	4	97,135
1/4	1,395	1/4	11,811	1/4	22,507	1/4	33,178	1/4	43,875	1/4	54,572	1/4	65,269	1/4	75,966	1/4	86,662	1/4	97,358
1/2	1,562	1/2	12,034	1/2	22,730	1/2	33,401	1/2	44,098	1/2	54,795	1/2	65,492	1/2	76,189	1/2	86,885	1/2	97,580
3/4	1,729	3/4	12,257	3/4	22,953	3/4	33,624	3/4	44,321	3/4	55,018	3/4	65,715	3/4	76,412	3/4	87,108	3/4	97,803
5	1,896	5	12,479	5	23,176	5	33,847	5	44,544	5	55,241	5	65,938	5	76,635	5	87,331	5	98,026
1/4	2,100	1/4	12,702	1/4	23,399	1/4	34,070	1/4	44,767	1/4	55,464	1/4	66,161	1/4	76,858	1/4	87,554	1/4	98,249
1/2	2,304	1/2	12,925	1/2	23,622	1/2	34,293	1/2	44,990	1/2	55,687	1/2	66,384	1/2	77,080	1/2	87,777	1/2	98,472
3/4	2,507	3/4	13,148	3/4	23,844	3/4	34,516	3/4	45,213	3/4	55,909	3/4	66,606	3/4	77,303	3/4	87,999	3/4	98,694
6	2,711	6	13,371	6	24,067	6	34,738	6	45,435	6	56,132	6	66,829	6	77,526	6	88,222	6	98,917
1/4	2,929	1/4	13,594	1/4	24,290	1/4	34,961	1/4	45,658	1/4	56,355	1/4	67,052	1/4	77,749	1/4	88,445	1/4	99,140
1/2	3,148	1/2	13,817	1/2	24,512	1/2	35,184	1/2	45,881	1/2	56,578	1/2	67,275	1/2	77,972	1/2	88,668	1/2	99,363
3/4	3,366	3/4	14,039	3/4	24,735	3/4	35,407	3/4	46,104	3/4	56,801	3/4	67,498	3/4	78,195	3/4	88,891	3/4	99,586
7	3,585	7	14,262	7	24,957	7	35,630	7	46,327	7	57,024	7	67,721	7	78,418	7	89,113	7	99,809
1/4	3,805	1/4	14,485	1/4	25,180	1/4	35,853	1/4	46,550	1/4	57,247	1/4	67,943	1/4	78,640	1/4	89,336	1/4	100,031
1/2	4,025	1/2	14,708	1/2	25,402	1/2	36,076	1/2	46,772	1/2	57,469	1/2	68,166	1/2	78,863	1/2	89,559	1/2	100,254
3/4	4,246	3/4	14,931	3/4	25,625	3/4	36,298	3/4	46,995	3/4	57,692	3/4	68,389	3/4	79,086	3/4	89,782	3/4	100,477
8	4,466	8	15,154	8	25,847	8	36,521	8	47,218	8	57,915	8	68,612	8	79,309	8	90,005	8	100,700
1/4	4,687	1/4	15,376	1/4	26,069	1/4	36,744	1/4	47,441	1/4	58,138	1/4	68,835	1/4	79,532	1/4	90,227	1/4	100,923
1/2	4,909	1/2	15,599	1/2	26,292	1/2	36,967	1/2	47,664	1/2	58,361	1/2	69,058	1/2	79,755	1/2	90,450	1/2	101,145
3/4	5,130	3/4	15,822	3/4	26,514	3/4	37,190	3/4	47,887	3/4	58,584	3/4	69,281	3/4	79,978	3/4	90,673	3/4	101,368
9	5,352	9	16,045	9	26,736	9	37,413	9	48,110	9	58,807	9	69,503	9	80,200	9	90,896	9	101,591
1/4	5,574	1/4	16,268	1/4	26,958	1/4	37,636	1/4	48,332	1/4	59,029	1/4	69,726	1/4	80,423	1/4	91,119	1/4	101,814
1/2	5,796	1/2	16,491	1/2	27,180	1/2	37,858	1/2	48,555	1/2	59,252	1/2	69,949	1/2	80,646	1/2	91,342	1/2	102,037
3/4	6,018	3/4	16,713	3/4	27,402	3/4	38,081	3/4	48,778	3/4	59,475	3/4	70,172	3/4	80,869	3/4	91,564	3/4	102,259
10	6,241	10	16,936	10	27,624	10	38,304	10	49,001	10	59,698	10	70,395	10	81,092	10	91,787	10	102,482
1/4	6,463	1/4	17,159	1/4	27,846	1/4	38,527	1/4	49,224	1/4	59,921	1/4	70,618	1/4	81,315	1/4	92,010	1/4	102,705
1/2	6,686	1/2	17,382	1/2	28,069	1/2	38,750	1/2	49,447	1/2	60,144	1/2	70,841	1/2	81,537	1/2	92,233	1/2	102,928
3/4	6,909	3/4	17,605	3/4	28,291	3/4	38,973	3/4	49,670	3/4	60,366	3/4	71,063	3/4	81,760	3/4	92,456	3/4	103,151
11	7,131	11	17,828	11	28,513	11	39,195	11	49,892	11	60,589	11	71,286	11	81,983	11	92,678	11	103,374
1/4	7,354	1/4	18,051	1/4	28,735	1/4	39,418	1/4	50,115	1/4	60,812	1/4	71,509	1/4	82,206	1/4	92,901	1/4	103,596
1/2	7,577	1/2	18,273	1/2	28,957	1/2	39,641	1/2	50,338	1/2	61,035	1/2	71,732	1/2	82,429	1/2	93,124	1/2	103,819
3/4	7,800	3/4	18,496	3/4	29,179	3/4	39,864	3/4	50,561	3/4	61,258	3/4	71,955	3/4	82,652	3/4	93,347	3/4	104,042

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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 Pearland, Texas 77588
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BARGE "CBC 1389"

3 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	104,265	0	114,960	0	125,655	0	136,292	0	146,895	0		0		0		0		0	
1/4	104,488	1/4	115,183	1/4	125,877	1/4	136,513	1/4	147,115	1/4		1/4		1/4		1/4		1/4	
1/2	104,710	1/2	115,406	1/2	126,098	1/2	136,735	1/2	147,334	1/2		1/2		1/2		1/2		1/2	
3/4	104,933	3/4	115,628	3/4	126,320	3/4	136,956	3/4	147,554	3/4		3/4		3/4		3/4		3/4	
1	105,156	1	115,851	1	126,541	1	137,178	1	147,773	1		1		1		1		1	
1/4	105,379	1/4	116,074	1/4	126,763	1/4	137,399	1/4	147,993	1/4		1/4		1/4		1/4		1/4	
1/2	105,602	1/2	116,297	1/2	126,985	1/2	137,621	1/2	148,212	1/2		1/2		1/2		1/2		1/2	
3/4	105,825	3/4	116,520	3/4	127,206	3/4	137,843	3/4	148,432	3/4		3/4		3/4		3/4		3/4	
2	106,047	2	116,742	2	127,428	2	138,064	2	148,652	2		2		2		2		2	
1/4	106,270	1/4	116,965	1/4	127,649	1/4	138,286	1/4	148,853	1/4		1/4		1/4		1/4		1/4	
1/2	106,493	1/2	117,188	1/2	127,871	1/2	138,507	1/2	149,054	1/2		1/2		1/2		1/2		1/2	
3/4	106,716	3/4	117,411	3/4	128,093	3/4	138,729	3/4	149,255	3/4		3/4		3/4		3/4		3/4	
3	106,939	3	117,634	3	128,314	3	138,951	3	149,455	3		3		3		3		3	
1/4	107,161	1/4	117,857	1/4	128,536	1/4	139,172	1/4	149,619	1/4		1/4		1/4		1/4		1/4	
1/2	107,384	1/2	118,079	1/2	128,757	1/2	139,394	1/2	149,783	1/2		1/2		1/2		1/2		1/2	
3/4	107,607	3/4	118,302	3/4	128,979	3/4	139,615	3/4	149,947	3/4		3/4		3/4		3/4		3/4	
4	107,830	4	118,525	4	129,201	4	139,837	4	150,111	4		4		4		4		4	
1/4	108,053	1/4	118,748	1/4	129,422	1/4	140,059	1/4	150,238	1/4		1/4		1/4		1/4		1/4	
1/2	108,275	1/2	118,971	1/2	129,644	1/2	140,280	1/2	150,364	1/2		1/2		1/2		1/2		1/2	
3/4	108,498	3/4	119,193	3/4	129,865	3/4	140,502	3/4	150,491	3/4		3/4		3/4		3/4		3/4	
5	108,721	5	119,416	5	130,087	5	140,723	5	150,618	5		5		5		5		5	
1/4	108,944	1/4	119,639	1/4	130,308	1/4	140,945	1/4	150,707	1/4		1/4		1/4		1/4		1/4	
1/2	109,167	1/2	119,862	1/2	130,530	1/2	141,167	1/2	150,797	1/2		1/2		1/2		1/2		1/2	
3/4	109,390	3/4	120,085	3/4	130,752	3/4	141,388	3/4	150,886	3/4		3/4		3/4		3/4		3/4	
6	109,612	6	120,307	6	130,973	6	141,610	6	150,976	6		6		6		6		6	
1/4	109,835	1/4	120,530	1/4	131,195	1/4	141,831	1/4	151,028	1/4		1/4		1/4		1/4		1/4	
1/2	110,058	1/2	120,753	1/2	131,416	1/2	142,053	1/2	151,081	1/2		1/2		1/2		1/2		1/2	
3/4	110,281	3/4	120,976	3/4	131,638	3/4	142,275	3/4	151,133	3/4		3/4		3/4		3/4		3/4	
7	110,504	7	121,199	7	131,860	7	142,496	7	151,185	7		7		7		7		7	
1/4	110,726	1/4	121,422	1/4	132,081	1/4	142,718	1/4	151,201	1/4		1/4		1/4		1/4		1/4	
1/2	110,949	1/2	121,644	1/2	132,303	1/2	142,939	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,172	3/4	121,867	3/4	132,524	3/4	143,161	3/4		3/4		3/4		3/4		3/4		3/4	
8	111,395	8	122,090	8	132,746	8	143,383	8		8		8		8		8		8	
1/4	111,618	1/4	122,313	1/4	132,968	1/4	143,602	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,841	1/2	122,536	1/2	133,189	1/2	143,822	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,063	3/4	122,758	3/4	133,411	3/4	144,041	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,286	9	122,981	9	133,632	9	144,261	9		9		9		9		9		9	
1/4	112,509	1/4	123,204	1/4	133,854	1/4	144,480	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,732	1/2	123,427	1/2	134,076	1/2	144,700	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,955	3/4	123,650	3/4	134,297	3/4	144,919	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,177	10	123,873	10	134,519	10	145,139	10		10		10		10		10		10	
1/4	113,400	1/4	124,095	1/4	134,740	1/4	145,358	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,623	1/2	124,318	1/2	134,962	1/2	145,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,846	3/4	124,541	3/4	135,184	3/4	145,798	3/4		3/4		3/4		3/4		3/4		3/4	
11	114,069	11	124,764	11	135,405	11	146,017	11		11		11		11		11		11	
1/4	114,291	1/4	124,987	1/4	135,627	1/4	146,237	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,514	1/2	125,209	1/2	135,848	1/2	146,456	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,737	3/4	125,432	3/4	136,070	3/4	146,676	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/07/2016 SW
CALCULATED: 01/08/2016 CL
PRINTED: 01/08/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1389"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,037	0	21,092	0	33,001	0	44,910	0	56,966	0	69,022	0	81,078	0	93,133	0	105,187
1/4	60	1/4	9,288	1/4	21,343	1/4	33,245	1/4	45,161	1/4	57,217	1/4	69,273	1/4	81,329	1/4	93,385	1/4	105,438
1/2	81	1/2	9,539	1/2	21,594	1/2	33,489	1/2	45,413	1/2	57,468	1/2	69,524	1/2	81,580	1/2	93,636	1/2	105,689
3/4	102	3/4	9,790	3/4	21,846	3/4	33,732	3/4	45,664	3/4	57,720	3/4	69,775	3/4	81,831	3/4	93,887	3/4	105,941
1	123	1	10,041	1	22,097	1	33,976	1	45,915	1	57,971	1	70,026	1	82,082	1	94,138	1	106,192
1/4	186	1/4	10,293	1/4	22,348	1/4	34,220	1/4	46,166	1/4	58,222	1/4	70,278	1/4	82,333	1/4	94,389	1/4	106,443
1/2	248	1/2	10,544	1/2	22,599	1/2	34,464	1/2	46,417	1/2	58,473	1/2	70,529	1/2	82,585	1/2	94,640	1/2	106,694
3/4	311	3/4	10,795	3/4	22,850	3/4	34,707	3/4	46,668	3/4	58,724	3/4	70,780	3/4	82,836	3/4	94,891	3/4	106,945
2	374	2	11,046	2	23,101	2	34,951	2	46,920	2	58,975	2	71,031	2	83,087	2	95,142	2	107,196
1/4	479	1/4	11,297	1/4	23,353	1/4	35,195	1/4	47,171	1/4	59,226	1/4	71,282	1/4	83,338	1/4	95,394	1/4	107,447
1/2	583	1/2	11,548	1/2	23,604	1/2	35,439	1/2	47,422	1/2	59,478	1/2	71,533	1/2	83,589	1/2	95,645	1/2	107,698
3/4	688	3/4	11,800	3/4	23,855	3/4	35,682	3/4	47,673	3/4	59,729	3/4	71,785	3/4	83,840	3/4	95,896	3/4	107,949
3	793	3	12,051	3	24,106	3	35,926	3	47,924	3	59,980	3	72,036	3	84,092	3	96,147	3	108,201
1/4	939	1/4	12,302	1/4	24,357	1/4	36,170	1/4	48,175	1/4	60,231	1/4	72,287	1/4	84,343	1/4	96,398	1/4	108,452
1/2	1,086	1/2	12,553	1/2	24,608	1/2	36,414	1/2	48,426	1/2	60,482	1/2	72,538	1/2	84,594	1/2	96,649	1/2	108,703
3/4	1,232	3/4	12,804	3/4	24,859	3/4	36,657	3/4	48,678	3/4	60,733	3/4	72,789	3/4	84,845	3/4	96,900	3/4	108,954
4	1,379	4	13,055	4	25,111	4	36,901	4	48,929	4	60,985	4	73,040	4	85,096	4	97,151	4	109,205
1/4	1,567	1/4	13,306	1/4	25,362	1/4	37,145	1/4	49,180	1/4	61,236	1/4	73,292	1/4	85,347	1/4	97,402	1/4	109,456
1/2	1,755	1/2	13,558	1/2	25,613	1/2	37,389	1/2	49,431	1/2	61,487	1/2	73,543	1/2	85,599	1/2	97,654	1/2	109,707
3/4	1,944	3/4	13,809	3/4	25,864	3/4	37,634	3/4	49,682	3/4	61,738	3/4	73,794	3/4	85,850	3/4	97,905	3/4	109,958
5	2,132	5	14,060	5	26,115	5	37,878	5	49,933	5	61,989	5	74,045	5	86,101	5	98,156	5	110,210
1/4	2,362	1/4	14,311	1/4	26,366	1/4	38,129	1/4	50,185	1/4	62,240	1/4	74,296	1/4	86,352	1/4	98,407	1/4	110,461
1/2	2,591	1/2	14,562	1/2	26,618	1/2	38,380	1/2	50,436	1/2	62,492	1/2	74,547	1/2	86,603	1/2	98,658	1/2	110,712
3/4	2,821	3/4	14,813	3/4	26,869	3/4	38,631	3/4	50,687	3/4	62,743	3/4	74,799	3/4	86,854	3/4	98,909	3/4	110,963
6	3,050	6	15,065	6	27,120	6	38,882	6	50,938	6	62,994	6	75,050	6	87,106	6	99,160	6	111,214
1/4	3,296	1/4	15,316	1/4	27,371	1/4	39,133	1/4	51,189	1/4	63,245	1/4	75,301	1/4	87,357	1/4	99,411	1/4	111,465
1/2	3,543	1/2	15,567	1/2	27,622	1/2	39,385	1/2	51,440	1/2	63,496	1/2	75,552	1/2	87,608	1/2	99,663	1/2	111,716
3/4	3,789	3/4	15,818	3/4	27,873	3/4	39,636	3/4	51,692	3/4	63,747	3/4	75,803	3/4	87,859	3/4	99,914	3/4	111,967
7	4,035	7	16,069	7	28,124	7	39,887	7	51,943	7	63,999	7	76,054	7	88,110	7	100,165	7	112,219
1/4	4,283	1/4	16,320	1/4	28,369	1/4	40,138	1/4	52,194	1/4	64,250	1/4	76,306	1/4	88,361	1/4	100,416	1/4	112,470
1/2	4,532	1/2	16,571	1/2	28,613	1/2	40,389	1/2	52,445	1/2	64,501	1/2	76,557	1/2	88,613	1/2	100,667	1/2	112,721
3/4	4,780	3/4	16,823	3/4	28,857	3/4	40,640	3/4	52,696	3/4	64,752	3/4	76,808	3/4	88,864	3/4	100,918	3/4	112,972
8	5,028	8	17,074	8	29,101	8	40,892	8	52,947	8	65,003	8	77,059	8	89,115	8	101,169	8	113,223
1/4	5,278	1/4	17,325	1/4	29,345	1/4	41,143	1/4	53,199	1/4	65,254	1/4	77,310	1/4	89,366	1/4	101,420	1/4	113,474
1/2	5,528	1/2	17,576	1/2	29,588	1/2	41,394	1/2	53,450	1/2	65,506	1/2	77,561	1/2	89,617	1/2	101,672	1/2	113,725
3/4	5,777	3/4	17,827	3/4	29,832	3/4	41,645	3/4	53,701	3/4	65,757	3/4	77,813	3/4	89,868	3/4	101,923	3/4	113,976
9	6,027	9	18,078	9	30,076	9	41,896	9	53,952	9	66,008	9	78,064	9	90,119	9	102,174	9	114,227
1/4	6,277	1/4	18,330	1/4	30,320	1/4	42,147	1/4	54,203	1/4	66,259	1/4	78,315	1/4	90,371	1/4	102,425	1/4	114,479
1/2	6,528	1/2	18,581	1/2	30,563	1/2	42,399	1/2	54,454	1/2	66,510	1/2	78,566	1/2	90,622	1/2	102,676	1/2	114,730
3/4	6,778	3/4	18,832	3/4	30,807	3/4	42,650	3/4	54,706	3/4	66,761	3/4	78,817	3/4	90,873	3/4	102,927	3/4	114,981
10	7,029	10	19,083	10	31,051	10	42,901	10	54,957	10	67,013	10	79,068	10	91,124	10	103,178	10	115,232
1/4	7,279	1/4	19,334	1/4	31,295	1/4	43,152	1/4	55,208	1/4	67,264	1/4	79,319	1/4	91,375	1/4	103,429	1/4	115,483
1/2	7,530	1/2	19,585	1/2	31,539	1/2	43,403	1/2	55,459	1/2	67,515	1/2	79,571	1/2	91,626	1/2	103,680	1/2	115,734
3/4	7,781	3/4	19,836	3/4	31,782	3/4	43,654	3/4	55,710	3/4	67,766	3/4	79,822	3/4	91,878	3/4	103,932	3/4	115,985
11	8,032	11	20,088	11	32,026	11	43,906	11	55,961	11	68,017	11	80,073	11	92,129	11	104,183	11	116,236
1/4	8,283	1/4	20,339	1/4	32,270	1/4	44,157	1/4	56,213	1/4	68,268	1/4	80,324	1/4	92,380	1/4	104,434	1/4	116,488
1/2	8,535	1/2	20,590	1/2	32,514	1/2	44,408	1/2	56,464	1/2	68,519	1/2	80,575	1/2	92,631	1/2	104,685	1/2	116,739
3/4	8,786	3/4	20,841	3/4	32,757	3/4	44,659	3/4	56,715	3/4	68,771	3/4	80,826	3/4	92,882	3/4	104,936	3/4	116,990

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1389"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,241	0	129,295	0	141,348	0	153,335	0	165,285	0		0		0		0		0	
1/4	117,492	1/4	129,546	1/4	141,598	1/4	153,585	1/4	165,532	1/4		1/4		1/4		1/4		1/4	
1/2	117,743	1/2	129,797	1/2	141,848	1/2	153,835	1/2	165,780	1/2		1/2		1/2		1/2		1/2	
3/4	117,994	3/4	130,048	3/4	142,098	3/4	154,084	3/4	166,027	3/4		3/4		3/4		3/4		3/4	
1	118,245	1	130,299	1	142,347	1	154,334	1	166,275	1		1		1		1		1	
1/4	118,497	1/4	130,550	1/4	142,597	1/4	154,584	1/4	166,522	1/4		1/4		1/4		1/4		1/4	
1/2	118,748	1/2	130,801	1/2	142,847	1/2	154,833	1/2	166,769	1/2		1/2		1/2		1/2		1/2	
3/4	118,999	3/4	131,052	3/4	143,096	3/4	155,083	3/4	167,017	3/4		3/4		3/4		3/4		3/4	
2	119,250	2	131,304	2	143,346	2	155,333	2	167,264	2		2		2		2		2	
1/4	119,501	1/4	131,555	1/4	143,596	1/4	155,583	1/4	167,491	1/4		1/4		1/4		1/4		1/4	
1/2	119,752	1/2	131,806	1/2	143,846	1/2	155,832	1/2	167,717	1/2		1/2		1/2		1/2		1/2	
3/4	120,003	3/4	132,057	3/4	144,095	3/4	156,082	3/4	167,944	3/4		3/4		3/4		3/4		3/4	
3	120,254	3	132,308	3	144,345	3	156,332	3	168,170	3		3		3		3		3	
1/4	120,505	1/4	132,559	1/4	144,595	1/4	156,582	1/4	168,355	1/4		1/4		1/4		1/4		1/4	
1/2	120,757	1/2	132,810	1/2	144,845	1/2	156,831	1/2	168,539	1/2		1/2		1/2		1/2		1/2	
3/4	121,008	3/4	133,061	3/4	145,094	3/4	157,081	3/4	168,724	3/4		3/4		3/4		3/4		3/4	
4	121,259	4	133,313	4	145,344	4	157,331	4	168,909	4		4		4		4		4	
1/4	121,510	1/4	133,564	1/4	145,594	1/4	157,580	1/4	169,051	1/4		1/4		1/4		1/4		1/4	
1/2	121,761	1/2	133,815	1/2	145,843	1/2	157,830	1/2	169,194	1/2		1/2		1/2		1/2		1/2	
3/4	122,012	3/4	134,066	3/4	146,093	3/4	158,080	3/4	169,337	3/4		3/4		3/4		3/4		3/4	
5	122,263	5	134,317	5	146,343	5	158,330	5	169,480	5		5		5		5		5	
1/4	122,514	1/4	134,568	1/4	146,593	1/4	158,579	1/4	169,581	1/4		1/4		1/4		1/4		1/4	
1/2	122,766	1/2	134,819	1/2	146,842	1/2	158,829	1/2	169,682	1/2		1/2		1/2		1/2		1/2	
3/4	123,017	3/4	135,070	3/4	147,092	3/4	159,079	3/4	169,782	3/4		3/4		3/4		3/4		3/4	
6	123,268	6	135,322	6	147,342	6	159,328	6	169,883	6		6		6		6		6	
1/4	123,519	1/4	135,573	1/4	147,591	1/4	159,578	1/4	169,942	1/4		1/4		1/4		1/4		1/4	
1/2	123,770	1/2	135,824	1/2	147,841	1/2	159,828	1/2	170,001	1/2		1/2		1/2		1/2		1/2	
3/4	124,021	3/4	136,075	3/4	148,091	3/4	160,078	3/4	170,060	3/4		3/4		3/4		3/4		3/4	
7	124,272	7	136,326	7	148,341	7	160,327	7	170,120	7		7		7		7		7	
1/4	124,523	1/4	136,577	1/4	148,590	1/4	160,577	1/4	170,137	1/4		1/4		1/4		1/4		1/4	
1/2	124,774	1/2	136,828	1/2	148,840	1/2	160,827	1/2	170,154	1/2		1/2		1/2		1/2		1/2	
3/4	125,026	3/4	137,079	3/4	149,090	3/4	161,077	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,277	8	137,330	8	149,340	8	161,326	8		8		8		8		8		8	
1/4	125,528	1/4	137,582	1/4	149,589	1/4	161,574	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,779	1/2	137,833	1/2	149,839	1/2	161,821	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,030	3/4	138,084	3/4	150,089	3/4	162,068	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,281	9	138,335	9	150,338	9	162,316	9		9		9		9		9		9	
1/4	126,532	1/4	138,586	1/4	150,588	1/4	162,563	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,783	1/2	138,837	1/2	150,838	1/2	162,811	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,035	3/4	139,088	3/4	151,088	3/4	163,058	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,286	10	139,339	10	151,337	10	163,306	10		10		10		10		10		10	
1/4	127,537	1/4	139,591	1/4	151,587	1/4	163,553	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,788	1/2	139,842	1/2	151,837	1/2	163,800	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,039	3/4	140,093	3/4	152,086	3/4	164,048	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,290	11	140,344	11	152,336	11	164,295	11		11		11		11		11		11	
1/4	128,541	1/4	140,595	1/4	152,586	1/4	164,543	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,792	1/2	140,846	1/2	152,836	1/2	164,790	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,044	3/4	141,097	3/4	153,085	3/4	165,037	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/07/2016 SW
CALCULATED: 01/08/2016 CL
PRINTED: 01/08/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1389"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	8,085	0	18,865	0	29,495	0	40,154	0	50,906	0	61,659	0	72,388	0	83,119	0	93,874
1/4	58	1/4	8,309	1/4	19,090	1/4	29,713	1/4	40,378	1/4	51,130	1/4	61,883	1/4	72,610	1/4	83,343	1/4	94,098
1/2	77	1/2	8,534	1/2	19,314	1/2	29,931	1/2	40,602	1/2	51,354	1/2	62,107	1/2	72,833	1/2	83,567	1/2	94,322
3/4	95	3/4	8,759	3/4	19,539	3/4	30,149	3/4	40,826	3/4	51,578	3/4	62,331	3/4	73,056	3/4	83,791	3/4	94,546
1	114	1	8,983	1	19,763	1	30,368	1	41,050	1	51,802	1	62,555	1	73,278	1	84,015	1	94,771
1/4	170	1/4	9,208	1/4	19,988	1/4	30,586	1/4	41,274	1/4	52,026	1/4	62,779	1/4	73,501	1/4	84,239	1/4	94,995
1/2	226	1/2	9,432	1/2	20,212	1/2	30,804	1/2	41,498	1/2	52,250	1/2	63,003	1/2	73,724	1/2	84,463	1/2	95,219
3/4	283	3/4	9,657	3/4	20,437	3/4	31,022	3/4	41,722	3/4	52,474	3/4	63,227	3/4	73,946	3/4	84,687	3/4	95,443
2	339	2	9,881	2	20,662	2	31,240	2	41,946	2	52,698	2	63,451	2	74,169	2	84,911	2	95,667
1/4	432	1/4	10,106	1/4	20,886	1/4	31,459	1/4	42,170	1/4	52,922	1/4	63,675	1/4	74,392	1/4	85,135	1/4	95,891
1/2	526	1/2	10,331	1/2	21,111	1/2	31,677	1/2	42,394	1/2	53,146	1/2	63,899	1/2	74,614	1/2	85,359	1/2	96,115
3/4	619	3/4	10,555	3/4	21,335	3/4	31,895	3/4	42,618	3/4	53,370	3/4	64,123	3/4	74,837	3/4	85,583	3/4	96,339
3	713	3	10,780	3	21,560	3	32,113	3	42,842	3	53,594	3	64,347	3	75,060	3	85,808	3	96,563
1/4	844	1/4	11,004	1/4	21,785	1/4	32,331	1/4	43,066	1/4	53,818	1/4	64,571	1/4	75,282	1/4	86,032	1/4	96,787
1/2	975	1/2	11,229	1/2	22,009	1/2	32,550	1/2	43,290	1/2	54,042	1/2	64,795	1/2	75,505	1/2	86,256	1/2	97,011
3/4	1,106	3/4	11,454	3/4	22,234	3/4	32,768	3/4	43,514	3/4	54,266	3/4	65,019	3/4	75,728	3/4	86,480	3/4	97,235
4	1,237	4	11,678	4	22,458	4	32,986	4	43,738	4	54,491	4	65,243	4	75,950	4	86,704	4	97,459
1/4	1,405	1/4	11,903	1/4	22,683	1/4	33,210	1/4	43,962	1/4	54,715	1/4	65,467	1/4	76,174	1/4	86,928	1/4	97,684
1/2	1,574	1/2	12,127	1/2	22,907	1/2	33,434	1/2	44,186	1/2	54,939	1/2	65,691	1/2	76,397	1/2	87,152	1/2	97,908
3/4	1,742	3/4	12,352	3/4	23,132	3/4	33,658	3/4	44,410	3/4	55,163	3/4	65,915	3/4	76,620	3/4	87,376	3/4	98,132
5	1,911	5	12,576	5	23,357	5	33,882	5	44,634	5	55,387	5	66,139	5	76,844	5	87,600	5	98,356
1/4	2,116	1/4	12,801	1/4	23,581	1/4	34,106	1/4	44,858	1/4	55,611	1/4	66,363	1/4	77,068	1/4	87,824	1/4	98,580
1/2	2,321	1/2	13,026	1/2	23,806	1/2	34,330	1/2	45,082	1/2	55,835	1/2	66,587	1/2	77,292	1/2	88,048	1/2	98,804
3/4	2,526	3/4	13,250	3/4	24,030	3/4	34,554	3/4	45,306	3/4	56,059	3/4	66,811	3/4	77,516	3/4	88,272	3/4	99,028
6	2,732	6	13,475	6	24,255	6	34,778	6	45,530	6	56,283	6	67,035	6	77,740	6	88,496	6	99,252
1/4	2,952	1/4	13,699	1/4	24,474	1/4	35,002	1/4	45,754	1/4	56,507	1/4	67,258	1/4	77,964	1/4	88,721	1/4	99,476
1/2	3,172	1/2	13,924	1/2	24,692	1/2	35,226	1/2	45,978	1/2	56,731	1/2	67,482	1/2	78,188	1/2	88,945	1/2	99,700
3/4	3,392	3/4	14,149	3/4	24,911	3/4	35,450	3/4	46,202	3/4	56,955	3/4	67,705	3/4	78,412	3/4	89,169	3/4	99,924
7	3,612	7	14,373	7	25,129	7	35,674	7	46,426	7	57,179	7	67,928	7	78,637	7	89,393	7	100,148
1/4	3,834	1/4	14,598	1/4	25,348	1/4	35,898	1/4	46,650	1/4	57,403	1/4	68,152	1/4	78,861	1/4	89,617	1/4	100,372
1/2	4,056	1/2	14,822	1/2	25,566	1/2	36,122	1/2	46,874	1/2	57,627	1/2	68,375	1/2	79,085	1/2	89,841	1/2	100,596
3/4	4,278	3/4	15,047	3/4	25,785	3/4	36,346	3/4	47,098	3/4	57,851	3/4	68,599	3/4	79,309	3/4	90,065	3/4	100,821
8	4,500	8	15,272	8	26,004	8	36,570	8	47,322	8	58,075	8	68,822	8	79,533	8	90,289	8	101,045
1/4	4,724	1/4	15,496	1/4	26,222	1/4	36,794	1/4	47,546	1/4	58,299	1/4	69,046	1/4	79,757	1/4	90,513	1/4	101,269
1/2	4,947	1/2	15,721	1/2	26,440	1/2	37,018	1/2	47,770	1/2	58,523	1/2	69,269	1/2	79,981	1/2	90,737	1/2	101,493
3/4	5,170	3/4	15,945	3/4	26,658	3/4	37,242	3/4	47,994	3/4	58,747	3/4	69,492	3/4	80,205	3/4	90,961	3/4	101,717
9	5,393	9	16,170	9	26,876	9	37,466	9	48,218	9	58,971	9	69,716	9	80,429	9	91,185	9	101,941
1/4	5,617	1/4	16,394	1/4	27,095	1/4	37,690	1/4	48,442	1/4	59,195	1/4	69,938	1/4	80,653	1/4	91,409	1/4	102,165
1/2	5,841	1/2	16,619	1/2	27,313	1/2	37,914	1/2	48,666	1/2	59,419	1/2	70,161	1/2	80,878	1/2	91,633	1/2	102,389
3/4	6,065	3/4	16,844	3/4	27,531	3/4	38,138	3/4	48,890	3/4	59,643	3/4	70,384	3/4	81,102	3/4	91,858	3/4	102,613
10	6,289	10	17,068	10	27,749	10	38,362	10	49,114	10	59,867	10	70,606	10	81,326	10	92,082	10	102,837
1/4	6,513	1/4	17,293	1/4	27,967	1/4	38,586	1/4	49,338	1/4	60,091	1/4	70,829	1/4	81,550	1/4	92,306	1/4	103,061
1/2	6,738	1/2	17,517	1/2	28,186	1/2	38,810	1/2	49,562	1/2	60,315	1/2	71,052	1/2	81,774	1/2	92,530	1/2	103,285
3/4	6,962	3/4	17,742	3/4	28,404	3/4	39,034	3/4	49,786	3/4	60,539	3/4	71,274	3/4	81,998	3/4	92,754	3/4	103,509
11	7,186	11	17,967	11	28,622	11	39,258	11	50,010	11	60,763	11	71,497	11	82,222	11	92,978	11	103,734
1/4	7,411	1/4	18,191	1/4	28,840	1/4	39,482	1/4	50,234	1/4	60,987	1/4	71,720	1/4	82,446	1/4	93,202	1/4	103,958
1/2	7,636	1/2	18,416	1/2	29,058	1/2	39,706	1/2	50,458	1/2	61,211	1/2	71,942	1/2	82,670	1/2	93,426	1/2	104,182
3/4	7,860	3/4	18,640	3/4	29,277	3/4	39,930	3/4	50,682	3/4	61,435	3/4	72,165	3/4	82,895	3/4	93,650	3/4	104,406

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'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 1389"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	104,630	0	114,723	0	124,175	0	133,585	0	142,979	0		0		0		0		0	
1/4	104,854	1/4	114,919	1/4	124,371	1/4	133,781	1/4	143,173	1/4		1/4		1/4		1/4		1/4	
1/2	105,077	1/2	115,116	1/2	124,567	1/2	133,978	1/2	143,367	1/2		1/2		1/2		1/2		1/2	
3/4	105,301	3/4	115,313	3/4	124,764	3/4	134,174	3/4	143,562	3/4		3/4		3/4		3/4		3/4	
1	105,525	1	115,510	1	124,960	1	134,370	1	143,756	1		1		1		1		1	
1/4	105,749	1/4	115,707	1/4	125,157	1/4	134,567	1/4	143,950	1/4		1/4		1/4		1/4		1/4	
1/2	105,973	1/2	115,904	1/2	125,353	1/2	134,763	1/2	144,145	1/2		1/2		1/2		1/2		1/2	
3/4	106,197	3/4	116,101	3/4	125,549	3/4	134,960	3/4	144,339	3/4		3/4		3/4		3/4		3/4	
2	106,420	2	116,298	2	125,746	2	135,156	2	144,533	2		2		2		2		2	
1/4	106,644	1/4	116,495	1/4	125,942	1/4	135,352	1/4	144,737	1/4		1/4		1/4		1/4		1/4	
1/2	106,868	1/2	116,692	1/2	126,139	1/2	135,549	1/2	144,940	1/2		1/2		1/2		1/2		1/2	
3/4	107,092	3/4	116,889	3/4	126,335	3/4	135,745	3/4	145,143	3/4		3/4		3/4		3/4		3/4	
3	107,316	3	117,086	3	126,531	3	135,942	3	145,346	3		3		3		3		3	
1/4	107,540	1/4	117,283	1/4	126,728	1/4	136,138	1/4	145,512	1/4		1/4		1/4		1/4		1/4	
1/2	107,763	1/2	117,479	1/2	126,924	1/2	136,334	1/2	145,678	1/2		1/2		1/2		1/2		1/2	
3/4	107,987	3/4	117,676	3/4	127,121	3/4	136,531	3/4	145,844	3/4		3/4		3/4		3/4		3/4	
4	108,211	4	117,873	4	127,317	4	136,727	4	146,009	4		4		4		4		4	
1/4	108,435	1/4	118,070	1/4	127,513	1/4	136,924	1/4	146,138	1/4		1/4		1/4		1/4		1/4	
1/2	108,659	1/2	118,267	1/2	127,710	1/2	137,120	1/2	146,266	1/2		1/2		1/2		1/2		1/2	
3/4	108,883	3/4	118,464	3/4	127,906	3/4	137,316	3/4	146,394	3/4		3/4		3/4		3/4		3/4	
5	109,106	5	118,661	5	128,103	5	137,513	5	146,523	5		5		5		5		5	
1/4	109,330	1/4	118,858	1/4	128,299	1/4	137,709	1/4	146,614	1/4		1/4		1/4		1/4		1/4	
1/2	109,554	1/2	119,055	1/2	128,495	1/2	137,906	1/2	146,705	1/2		1/2		1/2		1/2		1/2	
3/4	109,778	3/4	119,252	3/4	128,692	3/4	138,102	3/4	146,796	3/4		3/4		3/4		3/4		3/4	
6	110,002	6	119,449	6	128,888	6	138,298	6	146,887	6		6		6		6		6	
1/4	110,198	1/4	119,646	1/4	129,084	1/4	138,495	1/4	146,940	1/4		1/4		1/4		1/4		1/4	
1/2	110,395	1/2	119,842	1/2	129,280	1/2	138,691	1/2	146,994	1/2		1/2		1/2		1/2		1/2	
3/4	110,592	3/4	120,039	3/4	129,475	3/4	138,888	3/4	147,047	3/4		3/4		3/4		3/4		3/4	
7	110,788	7	120,236	7	129,671	7	139,084	7	147,100	7		7		7		7		7	
1/4	110,985	1/4	120,433	1/4	129,867	1/4	139,280	1/4	147,117	1/4		1/4		1/4		1/4		1/4	
1/2	111,182	1/2	120,630	1/2	130,062	1/2	139,477	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,379	3/4	120,827	3/4	130,258	3/4	139,673	3/4		3/4		3/4		3/4		3/4		3/4	
8	111,575	8	121,024	8	130,454	8	139,870	8		8		8		8		8		8	
1/4	111,772	1/4	121,221	1/4	130,649	1/4	140,064	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,969	1/2	121,418	1/2	130,845	1/2	140,258	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,165	3/4	121,615	3/4	131,041	3/4	140,453	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,362	9	121,812	9	131,237	9	140,647	9		9		9		9		9		9	
1/4	112,559	1/4	122,009	1/4	131,432	1/4	140,841	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,756	1/2	122,206	1/2	131,628	1/2	141,036	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,952	3/4	122,402	3/4	131,824	3/4	141,230	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,149	10	122,599	10	132,019	10	141,424	10		10		10		10		10		10	
1/4	113,346	1/4	122,796	1/4	132,215	1/4	141,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,542	1/2	122,993	1/2	132,411	1/2	141,813	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,739	3/4	123,190	3/4	132,606	3/4	142,007	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,936	11	123,387	11	132,802	11	142,201	11		11		11		11		11		11	
1/4	114,132	1/4	123,584	1/4	132,998	1/4	142,396	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,329	1/2	123,781	1/2	133,194	1/2	142,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,526	3/4	123,978	3/4	133,389	3/4	142,784	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/07/2016 SW
CALCULATED: 01/08/2016 CL
PRINTED: 01/08/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1389"

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	01-3/8	- 01-3/8	01-5/8	- 01-5/8	02-0/8	- 02-0/8
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 CENTER	- 00-1/8	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"

January 8, 2016

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

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BARGE "CBC 1389"

3 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	151,201	0	142,718	0	132,081	0	121,422	0	110,726	0	100,031	0	89,336	0	78,640
1/4	1/4	1/4	1/4	1/4	151,185	1/4	142,496	1/4	131,860	1/4	121,199	1/4	110,504	1/4	99,809	1/4	89,113	1/4	78,418
1/2	1/2	1/2	1/2	1/2	151,133	1/2	142,275	1/2	131,638	1/2	120,976	1/2	110,281	1/2	99,586	1/2	88,891	1/2	78,195
3/4	3/4	3/4	3/4	3/4	151,081	3/4	142,053	3/4	131,416	3/4	120,753	3/4	110,058	3/4	99,363	3/4	88,668	3/4	77,972
1	1	1	1	1	151,028	1	141,831	1	131,195	1	120,530	1	109,835	1	99,140	1	88,445	1	77,749
1/4	1/4	1/4	1/4	1/4	150,976	1/4	141,610	1/4	130,973	1/4	120,307	1/4	109,612	1/4	98,917	1/4	88,222	1/4	77,526
1/2	1/2	1/2	1/2	1/2	150,886	1/2	141,388	1/2	130,752	1/2	120,085	1/2	109,390	1/2	98,694	1/2	87,999	1/2	77,303
3/4	3/4	3/4	3/4	3/4	150,797	3/4	141,167	3/4	130,530	3/4	119,862	3/4	109,167	3/4	98,472	3/4	87,777	3/4	77,080
2	2	2	2	2	150,707	2	140,945	2	130,308	2	119,639	2	108,944	2	98,249	2	87,554	2	76,858
1/4	1/4	1/4	1/4	1/4	150,618	1/4	140,723	1/4	130,087	1/4	119,416	1/4	108,721	1/4	98,026	1/4	87,331	1/4	76,635
1/2	1/2	1/2	1/2	1/2	150,491	1/2	140,502	1/2	129,865	1/2	119,193	1/2	108,498	1/2	97,803	1/2	87,108	1/2	76,412
3/4	3/4	3/4	3/4	3/4	150,364	3/4	140,280	3/4	129,644	3/4	118,971	3/4	108,275	3/4	97,580	3/4	86,885	3/4	76,189
3	3	3	3	3	150,238	3	140,059	3	129,422	3	118,748	3	108,053	3	97,358	3	86,662	3	75,966
1/4	1/4	1/4	1/4	1/4	150,111	1/4	139,837	1/4	129,201	1/4	118,525	1/4	107,830	1/4	97,135	1/4	86,440	1/4	75,743
1/2	1/2	1/2	1/2	1/2	149,947	1/2	139,615	1/2	128,979	1/2	118,302	1/2	107,607	1/2	96,912	1/2	86,217	1/2	75,520
3/4	3/4	3/4	3/4	3/4	149,783	3/4	139,394	3/4	128,757	3/4	118,079	3/4	107,384	3/4	96,689	3/4	85,994	3/4	75,298
4	4	4	4	4	149,619	4	139,172	4	128,536	4	117,857	4	107,161	4	96,466	4	85,771	4	75,075
1/4	1/4	1/4	1/4	1/4	149,455	1/4	138,951	1/4	128,314	1/4	117,634	1/4	106,939	1/4	96,243	1/4	85,548	1/4	74,852
1/2	1/2	1/2	1/2	1/2	149,255	1/2	138,729	1/2	128,093	1/2	117,411	1/2	106,716	1/2	96,021	1/2	85,326	1/2	74,629
3/4	3/4	3/4	3/4	3/4	149,054	3/4	138,507	3/4	127,871	3/4	117,188	3/4	106,493	3/4	95,798	3/4	85,103	3/4	74,406
5	5	5	5	5	148,853	5	138,286	5	127,649	5	116,965	5	106,270	5	95,575	5	84,880	5	74,183
1/4	1/4	1/4	1/4	1/4	148,652	1/4	138,064	1/4	127,428	1/4	116,742	1/4	106,047	1/4	95,352	1/4	84,657	1/4	73,960
1/2	1/2	1/2	1/2	1/2	148,432	1/2	137,843	1/2	127,206	1/2	116,520	1/2	105,825	1/2	95,129	1/2	84,434	1/2	73,738
3/4	3/4	3/4	3/4	3/4	148,212	3/4	137,621	3/4	126,985	3/4	116,297	3/4	105,602	3/4	94,907	3/4	84,211	3/4	73,515
6	6	6	6	6	147,993	6	137,399	6	126,763	6	116,074	6	105,379	6	94,684	6	83,989	6	73,292
1/4	1/4	1/4	1/4	1/4	147,773	1/4	137,178	1/4	126,541	1/4	115,851	1/4	105,156	1/4	94,461	1/4	83,766	1/4	73,069
1/2	1/2	1/2	1/2	1/2	147,554	1/2	136,956	1/2	126,320	1/2	115,628	1/2	104,933	1/2	94,238	1/2	83,543	1/2	72,846
3/4	3/4	3/4	3/4	3/4	147,334	3/4	136,735	3/4	126,098	3/4	115,406	3/4	104,710	3/4	94,015	3/4	83,320	3/4	72,623
7	7	7	7	7	147,115	7	136,513	7	125,877	7	115,183	7	104,488	7	93,793	7	83,097	7	72,401
1/4	1/4	1/4	1/4	1/4	146,895	1/4	136,292	1/4	125,655	1/4	114,960	1/4	104,265	1/4	93,570	1/4	82,875	1/4	72,178
1/2	1/2	1/2	1/2	1/2	146,676	1/2	136,070	1/2	125,432	1/2	114,737	1/2	104,042	1/2	93,347	1/2	82,652	1/2	71,955
3/4	3/4	3/4	3/4	3/4	146,456	3/4	135,848	3/4	125,209	3/4	114,514	3/4	103,819	3/4	93,124	3/4	82,429	3/4	71,732
8	8	8	8	8	146,237	8	135,627	8	124,987	8	114,291	8	103,596	8	92,901	8	82,206	8	71,509
1/4	1/4	1/4	1/4	1/4	146,017	1/4	135,405	1/4	124,764	1/4	114,069	1/4	103,374	1/4	92,678	1/4	81,983	1/4	71,286
1/2	1/2	1/2	1/2	1/2	145,798	1/2	135,184	1/2	124,541	1/2	113,846	1/2	103,151	1/2	92,456	1/2	81,760	1/2	71,063
3/4	3/4	3/4	3/4	3/4	145,578	3/4	134,962	3/4	124,318	3/4	113,623	3/4	102,928	3/4	92,233	3/4	81,537	3/4	70,841
9	9	9	9	9	145,358	9	134,740	9	124,095	9	113,400	9	102,705	9	92,010	9	81,315	9	70,618
1/4	1/4	1/4	1/4	1/4	145,139	1/4	134,519	1/4	123,873	1/4	113,177	1/4	102,482	1/4	91,787	1/4	81,092	1/4	70,395
1/2	1/2	1/2	1/2	1/2	144,919	1/2	134,297	1/2	123,650	1/2	112,955	1/2	102,259	1/2	91,564	1/2	80,869	1/2	70,172
3/4	3/4	3/4	3/4	3/4	144,700	3/4	134,076	3/4	123,427	3/4	112,732	3/4	102,037	3/4	91,342	3/4	80,646	3/4	69,949
10	10	10	10	10	144,480	10	133,854	10	123,204	10	112,509	10	101,814	10	91,119	10	80,423	10	69,726
1/4	1/4	1/4	1/4	1/4	144,261	1/4	133,632	1/4	122,981	1/4	112,286	1/4	101,591	1/4	90,896	1/4	80,200	1/4	69,503
1/2	1/2	1/2	1/2	1/2	144,041	1/2	133,411	1/2	122,758	1/2	112,063	1/2	101,368	1/2	90,673	1/2	79,978	1/2	69,281
3/4	3/4	3/4	3/4	3/4	143,822	3/4	133,189	3/4	122,536	3/4	111,841	3/4	101,145	3/4	90,450	3/4	79,755	3/4	69,058
11	11	11	11	11	143,602	11	132,968	11	122,313	11	111,618	11	100,923	11	90,227	11	79,532	11	68,835
1/4	1/4	1/4	1/4	1/4	143,383	1/4	132,746	1/4	122,090	1/4	111,395	1/4	100,700	1/4	90,005	1/4	79,309	1/4	68,612
1/2	1/2	1/2	1/2	1/2	143,161	1/2	132,524	1/2	121,867	1/2	111,172	1/2	100,477	1/2	89,782	1/2	79,086	1/2	68,389
3/4	3/4	3/4	3/4	3/4	142,939	3/4	132,303	3/4	121,644	3/4	110,949	3/4	100,254	3/4	89,559	3/4	78,863	3/4	68,166

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 1389"

3 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	67,943	0	57,247	0	46,550	0	35,853	0	25,180	0	14,485	0	3,805	0		0		0	
1/4	67,721	1/4	57,024	1/4	46,327	1/4	35,630	1/4	24,957	1/4	14,262	1/4	3,585	1/4		1/4		1/4	
1/2	67,498	1/2	56,801	1/2	46,104	1/2	35,407	1/2	24,735	1/2	14,039	1/2	3,366	1/2		1/2		1/2	
3/4	67,275	3/4	56,578	3/4	45,881	3/4	35,184	3/4	24,512	3/4	13,817	3/4	3,148	3/4		3/4		3/4	
1	67,052	1	56,355	1	45,658	1	34,961	1	24,290	1	13,594	1	2,929	1		1		1	
1/4	66,829	1/4	56,132	1/4	45,435	1/4	34,738	1/4	24,067	1/4	13,371	1/4	2,711	1/4		1/4		1/4	
1/2	66,606	1/2	55,909	1/2	45,213	1/2	34,516	1/2	23,844	1/2	13,148	1/2	2,507	1/2		1/2		1/2	
3/4	66,384	3/4	55,687	3/4	44,990	3/4	34,293	3/4	23,622	3/4	12,925	3/4	2,304	3/4		3/4		3/4	
2	66,161	2	55,464	2	44,767	2	34,070	2	23,399	2	12,702	2	2,100	2		2		2	
1/4	65,938	1/4	55,241	1/4	44,544	1/4	33,847	1/4	23,176	1/4	12,479	1/4	1,896	1/4		1/4		1/4	
1/2	65,715	1/2	55,018	1/2	44,321	1/2	33,624	1/2	22,953	1/2	12,257	1/2	1,729	1/2		1/2		1/2	
3/4	65,492	3/4	54,795	3/4	44,098	3/4	33,401	3/4	22,730	3/4	12,034	3/4	1,562	3/4		3/4		3/4	
3	65,269	3	54,572	3	43,875	3	33,178	3	22,507	3	11,811	3	1,395	3		3		3	
1/4	65,046	1/4	54,349	1/4	43,653	1/4	32,956	1/4	22,285	1/4	11,588	1/4	1,228	1/4		1/4		1/4	
1/2	64,824	1/2	54,127	1/2	43,430	1/2	32,733	1/2	22,062	1/2	11,365	1/2	1,098	1/2		1/2		1/2	
3/4	64,601	3/4	53,904	3/4	43,207	3/4	32,511	3/4	21,839	3/4	11,142	3/4	968	3/4		3/4		3/4	
4	64,378	4	53,681	4	42,984	4	32,289	4	21,616	4	10,920	4	838	4		4		4	
1/4	64,155	1/4	53,458	1/4	42,761	1/4	32,067	1/4	21,393	1/4	10,697	1/4	708	1/4		1/4		1/4	
1/2	63,932	1/2	53,235	1/2	42,538	1/2	31,845	1/2	21,170	1/2	10,474	1/2	615	1/2		1/2		1/2	
3/4	63,709	3/4	53,012	3/4	42,315	3/4	31,623	3/4	20,948	3/4	10,251	3/4	522	3/4		3/4		3/4	
5	63,486	5	52,789	5	42,093	5	31,401	5	20,725	5	10,028	5	429	5		5		5	
1/4	63,264	1/4	52,567	1/4	41,870	1/4	31,179	1/4	20,502	1/4	9,805	1/4	336	1/4		1/4		1/4	
1/2	63,041	1/2	52,344	1/2	41,647	1/2	30,956	1/2	20,279	1/2	9,582	1/2	281	1/2		1/2		1/2	
3/4	62,818	3/4	52,121	3/4	41,424	3/4	30,734	3/4	20,056	3/4	9,360	3/4	225	3/4		3/4		3/4	
6	62,595	6	51,898	6	41,201	6	30,512	6	19,833	6	9,137	6	169	6		6		6	
1/4	62,372	1/4	51,675	1/4	40,978	1/4	30,290	1/4	19,610	1/4	8,914	1/4	113	1/4		1/4		1/4	
1/2	62,149	1/2	51,452	1/2	40,755	1/2	30,068	1/2	19,388	1/2	8,691	1/2	95	1/2		1/2		1/2	
3/4	61,926	3/4	51,230	3/4	40,533	3/4	29,846	3/4	19,165	3/4	8,468	3/4	76	3/4		3/4		3/4	
7	61,704	7	51,007	7	40,310	7	29,624	7	18,942	7	8,245	7	58	7		7		7	
1/4	61,481	1/4	50,784	1/4	40,087	1/4	29,401	1/4	18,719	1/4	8,023	1/4	39	1/4		1/4		1/4	
1/2	61,258	1/2	50,561	1/2	39,864	1/2	29,179	1/2	18,496	1/2	7,800	1/2		1/2		1/2		1/2	
3/4	61,035	3/4	50,338	3/4	39,641	3/4	28,957	3/4	18,273	3/4	7,577	3/4		3/4		3/4		3/4	
8	60,812	8	50,115	8	39,418	8	28,735	8	18,051	8	7,354	8	8	8		8		8	
1/4	60,589	1/4	49,892	1/4	39,195	1/4	28,513	1/4	17,828	1/4	7,131	1/4		1/4		1/4		1/4	
1/2	60,366	1/2	49,670	1/2	38,973	1/2	28,291	1/2	17,605	1/2	6,909	1/2		1/2		1/2		1/2	
3/4	60,144	3/4	49,447	3/4	38,750	3/4	28,069	3/4	17,382	3/4	6,686	3/4		3/4		3/4		3/4	
9	59,921	9	49,224	9	38,527	9	27,846	9	17,159	9	6,463	9	9	9		9		9	
1/4	59,698	1/4	49,001	1/4	38,304	1/4	27,624	1/4	16,936	1/4	6,241	1/4		1/4		1/4		1/4	
1/2	59,475	1/2	48,778	1/2	38,081	1/2	27,402	1/2	16,713	1/2	6,018	1/2		1/2		1/2		1/2	
3/4	59,252	3/4	48,555	3/4	37,858	3/4	27,180	3/4	16,491	3/4	5,796	3/4		3/4		3/4		3/4	
10	59,029	10	48,332	10	37,636	10	26,958	10	16,268	10	5,574	10	10	10		10		10	
1/4	58,807	1/4	48,110	1/4	37,413	1/4	26,736	1/4	16,045	1/4	5,352	1/4		1/4		1/4		1/4	
1/2	58,584	1/2	47,887	1/2	37,190	1/2	26,514	1/2	15,822	1/2	5,130	1/2		1/2		1/2		1/2	
3/4	58,361	3/4	47,664	3/4	36,967	3/4	26,292	3/4	15,599	3/4	4,909	3/4		3/4		3/4		3/4	
11	58,138	11	47,441	11	36,744	11	26,069	11	15,376	11	4,687	11	11	11		11		11	
1/4	57,915	1/4	47,218	1/4	36,521	1/4	25,847	1/4	15,154	1/4	4,466	1/4		1/4		1/4		1/4	
1/2	57,692	1/2	46,995	1/2	36,298	1/2	25,625	1/2	14,931	1/2	4,246	1/2		1/2		1/2		1/2	
3/4	57,469	3/4	46,772	3/4	36,076	3/4	25,402	3/4	14,708	3/4	4,025	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/07/2016 SW
CALCULATED: 01/08/2016 CL
PRINTED: 01/08/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

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



BARGE "CBC 1389"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	170,154	0	161,077	0	149,090	0	137,079	0	125,026	0	112,972	0	100,918	0	88,864
1/4	1/4	1/4	1/4	1/4	170,154	1/4	160,827	1/4	148,840	1/4	136,828	1/4	124,774	1/4	112,721	1/4	100,667	1/4	88,613
1/2	1/2	1/2	1/2	1/2	170,137	1/2	160,577	1/2	148,590	1/2	136,577	1/2	124,523	1/2	112,470	1/2	100,416	1/2	88,361
3/4	3/4	3/4	3/4	3/4	170,120	3/4	160,327	3/4	148,341	3/4	136,326	3/4	124,272	3/4	112,219	3/4	100,165	3/4	88,110
1	1	1	1	1	170,060	1	160,078	1	148,091	1	136,075	1	124,021	1	111,967	1	99,914	1	87,859
1/4	1/4	1/4	1/4	1/4	170,001	1/4	159,828	1/4	147,841	1/4	135,824	1/4	123,770	1/4	111,716	1/4	99,663	1/4	87,608
1/2	1/2	1/2	1/2	1/2	169,942	1/2	159,578	1/2	147,591	1/2	135,573	1/2	123,519	1/2	111,465	1/2	99,411	1/2	87,357
3/4	3/4	3/4	3/4	3/4	169,883	3/4	159,328	3/4	147,342	3/4	135,322	3/4	123,268	3/4	111,214	3/4	99,160	3/4	87,106
2	2	2	2	2	169,782	2	159,079	2	147,092	2	135,070	2	123,017	2	110,963	2	98,909	2	86,854
1/4	1/4	1/4	1/4	1/4	169,682	1/4	158,829	1/4	146,842	1/4	134,819	1/4	122,766	1/4	110,712	1/4	98,658	1/4	86,603
1/2	1/2	1/2	1/2	1/2	169,581	1/2	158,579	1/2	146,593	1/2	134,568	1/2	122,514	1/2	110,461	1/2	98,407	1/2	86,352
3/4	3/4	3/4	3/4	3/4	169,480	3/4	158,330	3/4	146,343	3/4	134,317	3/4	122,263	3/4	110,210	3/4	98,156	3/4	86,101
3	3	3	3	3	169,337	3	158,080	3	146,093	3	134,066	3	122,012	3	109,958	3	97,905	3	85,850
1/4	1/4	1/4	1/4	1/4	169,194	1/4	157,830	1/4	145,843	1/4	133,815	1/4	121,761	1/4	109,707	1/4	97,654	1/4	85,599
1/2	1/2	1/2	1/2	1/2	169,051	1/2	157,580	1/2	145,594	1/2	133,564	1/2	121,510	1/2	109,456	1/2	97,402	1/2	85,347
3/4	3/4	3/4	3/4	3/4	168,909	3/4	157,331	3/4	145,344	3/4	133,313	3/4	121,259	3/4	109,205	3/4	97,151	3/4	85,096
4	4	4	4	4	168,724	4	157,081	4	145,094	4	133,061	4	121,008	4	108,954	4	96,900	4	84,845
1/4	1/4	1/4	1/4	1/4	168,539	1/4	156,831	1/4	144,845	1/4	132,810	1/4	120,757	1/4	108,703	1/4	96,649	1/4	84,594
1/2	1/2	1/2	1/2	1/2	168,355	1/2	156,582	1/2	144,595	1/2	132,559	1/2	120,505	1/2	108,452	1/2	96,398	1/2	84,343
3/4	3/4	3/4	3/4	3/4	168,170	3/4	156,332	3/4	144,345	3/4	132,308	3/4	120,254	3/4	108,201	3/4	96,147	3/4	84,092
5	5	5	5	5	167,944	5	156,082	5	144,095	5	132,057	5	120,003	5	107,949	5	95,896	5	83,840
1/4	1/4	1/4	1/4	1/4	167,717	1/4	155,832	1/4	143,846	1/4	131,806	1/4	119,752	1/4	107,698	1/4	95,645	1/4	83,589
1/2	1/2	1/2	1/2	1/2	167,491	1/2	155,583	1/2	143,596	1/2	131,555	1/2	119,501	1/2	107,447	1/2	95,394	1/2	83,338
3/4	3/4	3/4	3/4	3/4	167,264	3/4	155,333	3/4	143,346	3/4	131,304	3/4	119,250	3/4	107,196	3/4	95,142	3/4	83,087
6	6	6	6	6	167,017	6	155,083	6	143,096	6	131,052	6	118,999	6	106,945	6	94,891	6	82,836
1/4	1/4	1/4	1/4	1/4	166,769	1/4	154,833	1/4	142,847	1/4	130,801	1/4	118,748	1/4	106,694	1/4	94,640	1/4	82,585
1/2	1/2	1/2	1/2	1/2	166,522	1/2	154,584	1/2	142,597	1/2	130,550	1/2	118,497	1/2	106,443	1/2	94,389	1/2	82,333
3/4	3/4	3/4	3/4	3/4	166,275	3/4	154,334	3/4	142,347	3/4	130,299	3/4	118,245	3/4	106,192	3/4	94,138	3/4	82,082
7	7	7	7	7	166,027	7	154,084	7	142,098	7	130,048	7	117,994	7	105,941	7	93,887	7	81,831
1/4	1/4	1/4	1/4	1/4	165,780	1/4	153,835	1/4	141,848	1/4	129,797	1/4	117,743	1/4	105,689	1/4	93,636	1/4	81,580
1/2	1/2	1/2	1/2	1/2	165,532	1/2	153,585	1/2	141,598	1/2	129,546	1/2	117,492	1/2	105,438	1/2	93,385	1/2	81,329
3/4	3/4	3/4	3/4	3/4	165,285	3/4	153,335	3/4	141,348	3/4	129,295	3/4	117,241	3/4	105,187	3/4	93,133	3/4	81,078
8	8	8	8	8	165,037	8	153,085	8	141,097	8	129,044	8	116,990	8	104,936	8	92,882	8	80,826
1/4	1/4	1/4	1/4	1/4	164,790	1/4	152,836	1/4	140,846	1/4	128,792	1/4	116,739	1/4	104,685	1/4	92,631	1/4	80,575
1/2	1/2	1/2	1/2	1/2	164,543	1/2	152,586	1/2	140,595	1/2	128,541	1/2	116,488	1/2	104,434	1/2	92,380	1/2	80,324
3/4	3/4	3/4	3/4	3/4	164,295	3/4	152,336	3/4	140,344	3/4	128,290	3/4	116,236	3/4	104,183	3/4	92,129	3/4	80,073
9	9	9	9	9	164,048	9	152,086	9	140,093	9	128,039	9	115,985	9	103,932	9	91,878	9	79,822
1/4	1/4	1/4	1/4	1/4	163,800	1/4	151,837	1/4	139,842	1/4	127,788	1/4	115,734	1/4	103,680	1/4	91,626	1/4	79,571
1/2	1/2	1/2	1/2	1/2	163,553	1/2	151,587	1/2	139,591	1/2	127,537	1/2	115,483	1/2	103,429	1/2	91,375	1/2	79,319
3/4	3/4	3/4	3/4	3/4	163,306	3/4	151,337	3/4	139,339	3/4	127,286	3/4	115,232	3/4	103,178	3/4	91,124	3/4	79,068
10	10	10	10	10	163,058	10	151,088	10	139,088	10	127,035	10	114,981	10	102,927	10	90,873	10	78,817
1/4	1/4	1/4	1/4	1/4	162,811	1/4	150,838	1/4	138,837	1/4	126,783	1/4	114,730	1/4	102,676	1/4	90,622	1/4	78,566
1/2	1/2	1/2	1/2	1/2	162,563	1/2	150,588	1/2	138,586	1/2	126,532	1/2	114,479	1/2	102,425	1/2	90,371	1/2	78,315
3/4	3/4	3/4	3/4	3/4	162,316	3/4	150,338	3/4	138,335	3/4	126,281	3/4	114,227	3/4	102,174	3/4	90,119	3/4	78,064
11	11	11	11	11	162,068	11	150,089	11	138,084	11	126,030	11	113,976	11	101,923	11	89,868	11	77,813
1/4	1/4	1/4	1/4	1/4	161,821	1/4	149,839	1/4	137,833	1/4	125,779	1/4	113,725	1/4	101,672	1/4	89,617	1/4	77,561
1/2	1/2	1/2	1/2	1/2	161,574	1/2	149,589	1/2	137,582	1/2	125,528	1/2	113,474	1/2	101,420	1/2	89,366	1/2	77,310
3/4	3/4	3/4	3/4	3/4	161,326	3/4	149,340	3/4	137,330	3/4	125,277	3/4	113,223	3/4	101,169	3/4	89,115	3/4	77,059

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1389"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	76,808	0	64,752	0	52,696	0	40,640	0	28,857	0	16,823	0	4,780	0		0		0	
1/4	76,557	1/4	64,501	1/4	52,445	1/4	40,389	1/4	28,613	1/4	16,571	1/4	4,532	1/4		1/4		1/4	
1/2	76,306	1/2	64,250	1/2	52,194	1/2	40,138	1/2	28,369	1/2	16,320	1/2	4,283	1/2		1/2		1/2	
3/4	76,054	3/4	63,999	3/4	51,943	3/4	39,887	3/4	28,124	3/4	16,069	3/4	4,035	3/4		3/4		3/4	
1	75,803	1	63,747	1	51,692	1	39,636	1	27,873	1	15,818	1	3,789	1		1		1	
1/4	75,552	1/4	63,496	1/4	51,440	1/4	39,385	1/4	27,622	1/4	15,567	1/4	3,543	1/4		1/4		1/4	
1/2	75,301	1/2	63,245	1/2	51,189	1/2	39,133	1/2	27,371	1/2	15,316	1/2	3,296	1/2		1/2		1/2	
3/4	75,050	3/4	62,994	3/4	50,938	3/4	38,882	3/4	27,120	3/4	15,065	3/4	3,050	3/4		3/4		3/4	
2	74,799	2	62,743	2	50,687	2	38,631	2	26,869	2	14,813	2	2,821	2		2		2	
1/4	74,547	1/4	62,492	1/4	50,436	1/4	38,380	1/4	26,618	1/4	14,562	1/4	2,591	1/4		1/4		1/4	
1/2	74,296	1/2	62,240	1/2	50,185	1/2	38,129	1/2	26,366	1/2	14,311	1/2	2,362	1/2		1/2		1/2	
3/4	74,045	3/4	61,989	3/4	49,933	3/4	37,878	3/4	26,115	3/4	14,060	3/4	2,132	3/4		3/4		3/4	
3	73,794	3	61,738	3	49,682	3	37,634	3	25,864	3	13,809	3	1,944	3		3		3	
1/4	73,543	1/4	61,487	1/4	49,431	1/4	37,389	1/4	25,613	1/4	13,558	1/4	1,755	1/4		1/4		1/4	
1/2	73,292	1/2	61,236	1/2	49,180	1/2	37,145	1/2	25,362	1/2	13,306	1/2	1,567	1/2		1/2		1/2	
3/4	73,040	3/4	60,985	3/4	48,929	3/4	36,901	3/4	25,111	3/4	13,055	3/4	1,379	3/4		3/4		3/4	
4	72,789	4	60,733	4	48,678	4	36,657	4	24,859	4	12,804	4	1,232	4		4		4	
1/4	72,538	1/4	60,482	1/4	48,426	1/4	36,414	1/4	24,608	1/4	12,553	1/4	1,086	1/4		1/4		1/4	
1/2	72,287	1/2	60,231	1/2	48,175	1/2	36,170	1/2	24,357	1/2	12,302	1/2	939	1/2		1/2		1/2	
3/4	72,036	3/4	59,980	3/4	47,924	3/4	35,926	3/4	24,106	3/4	12,051	3/4	793	3/4		3/4		3/4	
5	71,785	5	59,729	5	47,673	5	35,682	5	23,855	5	11,800	5	688	5		5		5	
1/4	71,533	1/4	59,478	1/4	47,422	1/4	35,439	1/4	23,604	1/4	11,548	1/4	583	1/4		1/4		1/4	
1/2	71,282	1/2	59,226	1/2	47,171	1/2	35,195	1/2	23,353	1/2	11,297	1/2	479	1/2		1/2		1/2	
3/4	71,031	3/4	58,975	3/4	46,920	3/4	34,951	3/4	23,101	3/4	11,046	3/4	374	3/4		3/4		3/4	
6	70,780	6	58,724	6	46,668	6	34,707	6	22,850	6	10,795	6	311	6		6		6	
1/4	70,529	1/4	58,473	1/4	46,417	1/4	34,464	1/4	22,599	1/4	10,544	1/4	248	1/4		1/4		1/4	
1/2	70,278	1/2	58,222	1/2	46,166	1/2	34,220	1/2	22,348	1/2	10,293	1/2	186	1/2		1/2		1/2	
3/4	70,026	3/4	57,971	3/4	45,915	3/4	33,976	3/4	22,097	3/4	10,041	3/4	123	3/4		3/4		3/4	
7	69,775	7	57,720	7	45,664	7	33,732	7	21,846	7	9,790	7	102	7		7		7	
1/4	69,524	1/4	57,468	1/4	45,413	1/4	33,489	1/4	21,594	1/4	9,539	1/4	81	1/4		1/4		1/4	
1/2	69,273	1/2	57,217	1/2	45,161	1/2	33,245	1/2	21,343	1/2	9,288	1/2	60	1/2		1/2		1/2	
3/4	69,022	3/4	56,966	3/4	44,910	3/4	33,001	3/4	21,092	3/4	9,037	3/4	39	3/4		3/4		3/4	
8	68,771	8	56,715	8	44,659	8	32,757	8	20,841	8	8,786	8		8		8		8	
1/4	68,519	1/4	56,464	1/4	44,408	1/4	32,514	1/4	20,590	1/4	8,535	1/4		1/4		1/4		1/4	
1/2	68,268	1/2	56,213	1/2	44,157	1/2	32,270	1/2	20,339	1/2	8,283	1/2		1/2		1/2		1/2	
3/4	68,017	3/4	55,961	3/4	43,906	3/4	32,026	3/4	20,088	3/4	8,032	3/4		3/4		3/4		3/4	
9	67,766	9	55,710	9	43,654	9	31,782	9	19,836	9	7,781	9		9		9		9	
1/4	67,515	1/4	55,459	1/4	43,403	1/4	31,539	1/4	19,585	1/4	7,530	1/4		1/4		1/4		1/4	
1/2	67,264	1/2	55,208	1/2	43,152	1/2	31,295	1/2	19,334	1/2	7,279	1/2		1/2		1/2		1/2	
3/4	67,013	3/4	54,957	3/4	42,901	3/4	31,051	3/4	19,083	3/4	7,029	3/4		3/4		3/4		3/4	
10	66,761	10	54,706	10	42,650	10	30,807	10	18,832	10	6,778	10		10		10		10	
1/4	66,510	1/4	54,454	1/4	42,399	1/4	30,563	1/4	18,581	1/4	6,528	1/4		1/4		1/4		1/4	
1/2	66,259	1/2	54,203	1/2	42,147	1/2	30,320	1/2	18,330	1/2	6,277	1/2		1/2		1/2		1/2	
3/4	66,008	3/4	53,952	3/4	41,896	3/4	30,076	3/4	18,078	3/4	6,027	3/4		3/4		3/4		3/4	
11	65,757	11	53,701	11	41,645	11	29,832	11	17,827	11	5,777	11		11		11		11	
1/4	65,506	1/4	53,450	1/4	41,394	1/4	29,588	1/4	17,576	1/4	5,528	1/4		1/4		1/4		1/4	
1/2	65,254	1/2	53,199	1/2	41,143	1/2	29,345	1/2	17,325	1/2	5,278	1/2		1/2		1/2		1/2	
3/4	65,003	3/4	52,947	3/4	40,892	3/4	29,101	3/4	17,074	3/4	5,028	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/07/2016 SW
CALCULATED: 01/08/2016 CL
PRINTED: 01/08/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

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



BARGE "CBC 1389"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	147,100	0	139,084	0	129,671	0	120,236	0	110,788	0	100,148	0	89,393	0	78,637	
1/4	1/4	1/4	1/4	147,047	1/4	138,888	1/4	129,475	1/4	120,039	1/4	110,592	1/4	99,924	1/4	89,169	1/4	78,412	
1/2	1/2	1/2	1/2	146,994	1/2	138,691	1/2	129,280	1/2	119,842	1/2	110,395	1/2	99,700	1/2	88,945	1/2	78,188	
3/4	3/4	3/4	3/4	146,940	3/4	138,495	3/4	129,084	3/4	119,646	3/4	110,198	3/4	99,476	3/4	88,721	3/4	77,964	
1	1	1	1	146,887	1	138,298	1	128,888	1	119,449	1	110,002	1	99,252	1	88,496	1	77,740	
1/4	1/4	1/4	1/4	146,796	1/4	138,102	1/4	128,692	1/4	119,252	1/4	109,778	1/4	99,028	1/4	88,272	1/4	77,516	
1/2	1/2	1/2	1/2	146,705	1/2	137,906	1/2	128,495	1/2	119,055	1/2	109,554	1/2	98,804	1/2	88,048	1/2	77,292	
3/4	3/4	3/4	3/4	146,614	3/4	137,709	3/4	128,299	3/4	118,858	3/4	109,330	3/4	98,580	3/4	87,824	3/4	77,068	
2	2	2	2	146,523	2	137,513	2	128,103	2	118,661	2	109,106	2	98,356	2	87,600	2	76,844	
1/4	1/4	1/4	1/4	146,394	1/4	137,316	1/4	127,906	1/4	118,464	1/4	108,883	1/4	98,132	1/4	87,376	1/4	76,620	
1/2	1/2	1/2	1/2	146,266	1/2	137,120	1/2	127,710	1/2	118,267	1/2	108,659	1/2	97,908	1/2	87,152	1/2	76,397	
3/4	3/4	3/4	3/4	146,138	3/4	136,924	3/4	127,513	3/4	118,070	3/4	108,435	3/4	97,684	3/4	86,928	3/4	76,174	
3	3	3	3	146,009	3	136,727	3	127,317	3	117,873	3	108,211	3	97,459	3	86,704	3	75,950	
1/4	1/4	1/4	1/4	145,844	1/4	136,531	1/4	127,121	1/4	117,676	1/4	107,987	1/4	97,235	1/4	86,480	1/4	75,728	
1/2	1/2	1/2	1/2	145,678	1/2	136,334	1/2	126,924	1/2	117,479	1/2	107,763	1/2	97,011	1/2	86,256	1/2	75,505	
3/4	3/4	3/4	3/4	145,512	3/4	136,138	3/4	126,728	3/4	117,283	3/4	107,540	3/4	96,787	3/4	86,032	3/4	75,282	
4	4	4	4	145,346	4	135,942	4	126,531	4	117,086	4	107,316	4	96,563	4	85,808	4	75,060	
1/4	1/4	1/4	1/4	145,143	1/4	135,745	1/4	126,335	1/4	116,889	1/4	107,092	1/4	96,339	1/4	85,583	1/4	74,837	
1/2	1/2	1/2	1/2	144,940	1/2	135,549	1/2	126,139	1/2	116,692	1/2	106,868	1/2	96,115	1/2	85,359	1/2	74,614	
3/4	3/4	3/4	3/4	144,737	3/4	135,352	3/4	125,942	3/4	116,495	3/4	106,644	3/4	95,891	3/4	85,135	3/4	74,392	
5	5	5	5	144,533	5	135,156	5	125,746	5	116,298	5	106,420	5	95,667	5	84,911	5	74,169	
1/4	1/4	1/4	1/4	144,339	1/4	134,960	1/4	125,549	1/4	116,101	1/4	106,197	1/4	95,443	1/4	84,687	1/4	73,946	
1/2	1/2	1/2	1/2	144,145	1/2	134,763	1/2	125,353	1/2	115,904	1/2	105,973	1/2	95,219	1/2	84,463	1/2	73,724	
3/4	3/4	3/4	3/4	143,950	3/4	134,567	3/4	125,157	3/4	115,707	3/4	105,749	3/4	94,995	3/4	84,239	3/4	73,501	
6	6	6	6	143,756	6	134,370	6	124,960	6	115,510	6	105,525	6	94,771	6	84,015	6	73,278	
1/4	1/4	1/4	1/4	143,562	1/4	134,174	1/4	124,764	1/4	115,313	1/4	105,301	1/4	94,546	1/4	83,791	1/4	73,056	
1/2	1/2	1/2	1/2	143,367	1/2	133,978	1/2	124,567	1/2	115,116	1/2	105,077	1/2	94,322	1/2	83,567	1/2	72,833	
3/4	3/4	3/4	3/4	143,173	3/4	133,781	3/4	124,371	3/4	114,919	3/4	104,854	3/4	94,098	3/4	83,343	3/4	72,610	
7	7	7	7	142,979	7	133,585	7	124,175	7	114,723	7	104,630	7	93,874	7	83,119	7	72,388	
1/4	1/4	1/4	1/4	142,784	1/4	133,389	1/4	123,978	1/4	114,526	1/4	104,406	1/4	93,650	1/4	82,895	1/4	72,165	
1/2	1/2	1/2	1/2	142,590	1/2	133,194	1/2	123,781	1/2	114,329	1/2	104,182	1/2	93,426	1/2	82,670	1/2	71,942	
3/4	3/4	3/4	3/4	142,396	3/4	132,998	3/4	123,584	3/4	114,132	3/4	103,958	3/4	93,202	3/4	82,446	3/4	71,720	
8	8	8	8	142,201	8	132,802	8	123,387	8	113,936	8	103,734	8	92,978	8	82,222	8	71,497	
1/4	1/4	1/4	1/4	142,007	1/4	132,606	1/4	123,190	1/4	113,739	1/4	103,509	1/4	92,754	1/4	81,998	1/4	71,274	
1/2	1/2	1/2	1/2	141,813	1/2	132,411	1/2	122,993	1/2	113,542	1/2	103,285	1/2	92,530	1/2	81,774	1/2	71,052	
3/4	3/4	3/4	3/4	141,618	3/4	132,215	3/4	122,796	3/4	113,346	3/4	103,061	3/4	92,306	3/4	81,550	3/4	70,829	
9	9	9	9	141,424	9	132,019	9	122,599	9	113,149	9	102,837	9	92,082	9	81,326	9	70,606	
1/4	1/4	1/4	1/4	141,230	1/4	131,824	1/4	122,402	1/4	112,952	1/4	102,613	1/4	91,858	1/4	81,102	1/4	70,384	
1/2	1/2	1/2	1/2	141,036	1/2	131,628	1/2	122,206	1/2	112,756	1/2	102,389	1/2	91,633	1/2	80,878	1/2	70,161	
3/4	3/4	3/4	3/4	140,841	3/4	131,432	3/4	122,009	3/4	112,559	3/4	102,165	3/4	91,409	3/4	80,653	3/4	69,938	
10	10	10	10	140,647	10	131,237	10	121,812	10	112,362	10	101,941	10	91,185	10	80,429	10	69,716	
1/4	1/4	1/4	1/4	140,453	1/4	131,041	1/4	121,615	1/4	112,165	1/4	101,717	1/4	90,961	1/4	80,205	1/4	69,492	
1/2	1/2	1/2	1/2	140,258	1/2	130,845	1/2	121,418	1/2	111,969	1/2	101,493	1/2	90,737	1/2	79,981	1/2	69,269	
3/4	3/4	3/4	3/4	140,064	3/4	130,649	3/4	121,221	3/4	111,772	3/4	101,269	3/4	90,513	3/4	79,757	3/4	69,046	
11	11	11	11	139,870	11	130,454	11	121,024	11	111,575	11	101,045	11	90,289	11	79,533	11	68,822	
1/4	1/4	1/4	1/4	139,673	1/4	130,258	1/4	120,827	1/4	111,379	1/4	100,821	1/4	90,065	1/4	79,309	1/4	68,599	
1/2	1/2	1/2	1/2	139,477	1/2	130,062	1/2	120,630	1/2	111,182	1/2	100,596	1/2	89,841	1/2	79,085	1/2	68,375	
3/4	3/4	3/4	3/4	147,117	3/4	139,280	3/4	129,867	3/4	120,433	3/4	110,985	3/4	100,372	3/4	89,617	3/4	78,861	

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'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 1389"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07"

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	67,928	0	57,179	0	46,426	0	35,674	0	25,129	0	14,373	0	3,612	0		0		0	
1/4	67,705	1/4	56,955	1/4	46,202	1/4	35,450	1/4	24,911	1/4	14,149	1/4	3,392	1/4		1/4		1/4	
1/2	67,482	1/2	56,731	1/2	45,978	1/2	35,226	1/2	24,692	1/2	13,924	1/2	3,172	1/2		1/2		1/2	
3/4	67,258	3/4	56,507	3/4	45,754	3/4	35,002	3/4	24,474	3/4	13,699	3/4	2,952	3/4		3/4		3/4	
1	67,035	1	56,283	1	45,530	1	34,778	1	24,255	1	13,475	1	2,732	1		1		1	
1/4	66,811	1/4	56,059	1/4	45,306	1/4	34,554	1/4	24,030	1/4	13,250	1/4	2,526	1/4		1/4		1/4	
1/2	66,587	1/2	55,835	1/2	45,082	1/2	34,330	1/2	23,806	1/2	13,026	1/2	2,321	1/2		1/2		1/2	
3/4	66,363	3/4	55,611	3/4	44,858	3/4	34,106	3/4	23,581	3/4	12,801	3/4	2,116	3/4		3/4		3/4	
2	66,139	2	55,387	2	44,634	2	33,882	2	23,357	2	12,576	2	1,911	2		2		2	
1/4	65,915	1/4	55,163	1/4	44,410	1/4	33,658	1/4	23,132	1/4	12,352	1/4	1,742	1/4		1/4		1/4	
1/2	65,691	1/2	54,939	1/2	44,186	1/2	33,434	1/2	22,907	1/2	12,127	1/2	1,574	1/2		1/2		1/2	
3/4	65,467	3/4	54,715	3/4	43,962	3/4	33,210	3/4	22,683	3/4	11,903	3/4	1,405	3/4		3/4		3/4	
3	65,243	3	54,491	3	43,738	3	32,986	3	22,458	3	11,678	3	1,237	3		3		3	
1/4	65,019	1/4	54,266	1/4	43,514	1/4	32,768	1/4	22,234	1/4	11,454	1/4	1,106	1/4		1/4		1/4	
1/2	64,795	1/2	54,042	1/2	43,290	1/2	32,550	1/2	22,009	1/2	11,229	1/2	975	1/2		1/2		1/2	
3/4	64,571	3/4	53,818	3/4	43,066	3/4	32,331	3/4	21,785	3/4	11,004	3/4	844	3/4		3/4		3/4	
4	64,347	4	53,594	4	42,842	4	32,113	4	21,560	4	10,780	4	713	4		4		4	
1/4	64,123	1/4	53,370	1/4	42,618	1/4	31,895	1/4	21,335	1/4	10,555	1/4	619	1/4		1/4		1/4	
1/2	63,899	1/2	53,146	1/2	42,394	1/2	31,677	1/2	21,111	1/2	10,331	1/2	526	1/2		1/2		1/2	
3/4	63,675	3/4	52,922	3/4	42,170	3/4	31,459	3/4	20,886	3/4	10,106	3/4	432	3/4		3/4		3/4	
5	63,451	5	52,698	5	41,946	5	31,240	5	20,662	5	9,881	5	339	5		5		5	
1/4	63,227	1/4	52,474	1/4	41,722	1/4	31,022	1/4	20,437	1/4	9,657	1/4	283	1/4		1/4		1/4	
1/2	63,003	1/2	52,250	1/2	41,498	1/2	30,804	1/2	20,212	1/2	9,432	1/2	226	1/2		1/2		1/2	
3/4	62,779	3/4	52,026	3/4	41,274	3/4	30,586	3/4	19,988	3/4	9,208	3/4	170	3/4		3/4		3/4	
6	62,555	6	51,802	6	41,050	6	30,368	6	19,763	6	8,983	6	114	6		6		6	
1/4	62,331	1/4	51,578	1/4	40,826	1/4	30,149	1/4	19,539	1/4	8,759	1/4	95	1/4		1/4		1/4	
1/2	62,107	1/2	51,354	1/2	40,602	1/2	29,931	1/2	19,314	1/2	8,534	1/2	77	1/2		1/2		1/2	
3/4	61,883	3/4	51,130	3/4	40,378	3/4	29,713	3/4	19,090	3/4	8,309	3/4	58	3/4		3/4		3/4	
7	61,659	7	50,906	7	40,154	7	29,495	7	18,865	7	8,085	7	39	7		7		7	
1/4	61,435	1/4	50,682	1/4	39,930	1/4	29,277	1/4	18,640	1/4	7,860	1/4		1/4		1/4		1/4	
1/2	61,211	1/2	50,458	1/2	39,706	1/2	29,058	1/2	18,416	1/2	7,636	1/2		1/2		1/2		1/2	
3/4	60,987	3/4	50,234	3/4	39,482	3/4	28,840	3/4	18,191	3/4	7,411	3/4		3/4		3/4		3/4	
8	60,763	8	50,010	8	39,258	8	28,622	8	17,967	8	7,186	8	8	8		8		8	
1/4	60,539	1/4	49,786	1/4	39,034	1/4	28,404	1/4	17,742	1/4	6,962	1/4		1/4		1/4		1/4	
1/2	60,315	1/2	49,562	1/2	38,810	1/2	28,186	1/2	17,517	1/2	6,738	1/2		1/2		1/2		1/2	
3/4	60,091	3/4	49,338	3/4	38,586	3/4	27,967	3/4	17,293	3/4	6,513	3/4		3/4		3/4		3/4	
9	59,867	9	49,114	9	38,362	9	27,749	9	17,068	9	6,289	9	9	9		9		9	
1/4	59,643	1/4	48,890	1/4	38,138	1/4	27,531	1/4	16,844	1/4	6,065	1/4		1/4		1/4		1/4	
1/2	59,419	1/2	48,666	1/2	37,914	1/2	27,313	1/2	16,619	1/2	5,841	1/2		1/2		1/2		1/2	
3/4	59,195	3/4	48,442	3/4	37,690	3/4	27,095	3/4	16,394	3/4	5,617	3/4		3/4		3/4		3/4	
10	58,971	10	48,218	10	37,466	10	26,876	10	16,170	10	5,393	10	10	10		10		10	
1/4	58,747	1/4	47,994	1/4	37,242	1/4	26,658	1/4	15,945	1/4	5,170	1/4		1/4		1/4		1/4	
1/2	58,523	1/2	47,770	1/2	37,018	1/2	26,440	1/2	15,721	1/2	4,947	1/2		1/2		1/2		1/2	
3/4	58,299	3/4	47,546	3/4	36,794	3/4	26,222	3/4	15,496	3/4	4,724	3/4		3/4		3/4		3/4	
11	58,075	11	47,322	11	36,570	11	26,004	11	15,272	11	4,500	11	11	11		11		11	
1/4	57,851	1/4	47,098	1/4	36,346	1/4	25,785	1/4	15,047	1/4	4,278	1/4		1/4		1/4		1/4	
1/2	57,627	1/2	46,874	1/2	36,122	1/2	25,566	1/2	14,822	1/2	4,056	1/2		1/2		1/2		1/2	
3/4	57,403	3/4	46,650	3/4	35,898	3/4	25,348	3/4	14,598	3/4	3,834	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/07/2016 SW
CALCULATED: 01/08/2016 CL
PRINTED: 01/08/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2016

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