



BARGE "CBC 1381"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 8, 2015

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
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<http://www.pmacorp.net>



BARGE "CBC 1381"

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	8,041	0	18,763	0	29,470	0	40,180	0	50,902	0	61,624	0	72,345	0	83,067	0	93,787
1/4	58	1/4	8,265	1/4	18,986	1/4	29,692	1/4	40,403	1/4	51,125	1/4	61,847	1/4	72,569	1/4	83,290	1/4	94,010
1/2	77	1/2	8,488	1/2	19,209	1/2	29,915	1/2	40,627	1/2	51,348	1/2	62,070	1/2	72,792	1/2	83,514	1/2	94,234
3/4	95	3/4	8,711	3/4	19,433	3/4	30,138	3/4	40,850	3/4	51,572	3/4	62,294	3/4	73,015	3/4	83,737	3/4	94,457
1	114	1	8,935	1	19,656	1	30,360	1	41,073	1	51,795	1	62,517	1	73,239	1	83,960	1	94,680
1/4	170	1/4	9,158	1/4	19,879	1/4	30,583	1/4	41,297	1/4	52,019	1/4	62,740	1/4	73,462	1/4	84,184	1/4	94,904
1/2	225	1/2	9,381	1/2	20,103	1/2	30,806	1/2	41,520	1/2	52,242	1/2	62,964	1/2	73,686	1/2	84,407	1/2	95,127
3/4	281	3/4	9,605	3/4	20,326	3/4	31,028	3/4	41,744	3/4	52,465	3/4	63,187	3/4	73,909	3/4	84,630	3/4	95,350
2	337	2	9,828	2	20,549	2	31,251	2	41,967	2	52,689	2	63,410	2	74,132	2	84,854	2	95,574
1/4	430	1/4	10,051	1/4	20,773	1/4	31,474	1/4	42,190	1/4	52,912	1/4	63,634	1/4	74,356	1/4	85,077	1/4	95,797
1/2	523	1/2	10,275	1/2	20,996	1/2	31,696	1/2	42,414	1/2	53,135	1/2	63,857	1/2	74,579	1/2	85,300	1/2	96,020
3/4	616	3/4	10,498	3/4	21,220	3/4	31,919	3/4	42,637	3/4	53,359	3/4	64,081	3/4	74,802	3/4	85,524	3/4	96,244
3	709	3	10,722	3	21,443	3	32,142	3	42,860	3	53,582	3	64,304	3	75,026	3	85,747	3	96,467
1/4	840	1/4	10,945	1/4	21,666	1/4	32,364	1/4	43,084	1/4	53,806	1/4	64,527	1/4	75,249	1/4	85,970	1/4	96,690
1/2	970	1/2	11,168	1/2	21,890	1/2	32,587	1/2	43,307	1/2	54,029	1/2	64,751	1/2	75,472	1/2	86,194	1/2	96,914
3/4	1,100	3/4	11,392	3/4	22,113	3/4	32,809	3/4	43,531	3/4	54,252	3/4	64,974	3/4	75,696	3/4	86,417	3/4	97,137
4	1,230	4	11,615	4	22,336	4	33,032	4	43,754	4	54,476	4	65,197	4	75,919	4	86,640	4	97,360
1/4	1,398	1/4	11,838	1/4	22,560	1/4	33,256	1/4	43,977	1/4	54,699	1/4	65,421	1/4	76,143	1/4	86,864	1/4	97,584
1/2	1,566	1/2	12,062	1/2	22,783	1/2	33,479	1/2	44,201	1/2	54,922	1/2	65,644	1/2	76,366	1/2	87,087	1/2	97,807
3/4	1,733	3/4	12,285	3/4	23,006	3/4	33,702	3/4	44,424	3/4	55,146	3/4	65,868	3/4	76,589	3/4	87,310	3/4	98,030
5	1,901	5	12,508	5	23,230	5	33,926	5	44,647	5	55,369	5	66,091	5	76,813	5	87,534	5	98,254
1/4	2,105	1/4	12,732	1/4	23,453	1/4	34,149	1/4	44,871	1/4	55,593	1/4	66,314	1/4	77,036	1/4	87,757	1/4	98,477
1/2	2,309	1/2	12,955	1/2	23,676	1/2	34,372	1/2	45,094	1/2	55,816	1/2	66,538	1/2	77,259	1/2	87,980	1/2	98,700
3/4	2,513	3/4	13,179	3/4	23,900	3/4	34,596	3/4	45,318	3/4	56,039	3/4	66,761	3/4	77,483	3/4	88,204	3/4	98,924
6	2,717	6	13,402	6	24,123	6	34,819	6	45,541	6	56,263	6	66,984	6	77,706	6	88,427	6	99,147
1/4	2,936	1/4	13,625	1/4	24,346	1/4	35,042	1/4	45,764	1/4	56,486	1/4	67,208	1/4	77,930	1/4	88,650	1/4	99,370
1/2	3,155	1/2	13,849	1/2	24,569	1/2	35,266	1/2	45,988	1/2	56,709	1/2	67,431	1/2	78,153	1/2	88,874	1/2	99,594
3/4	3,374	3/4	14,072	3/4	24,792	3/4	35,489	3/4	46,211	3/4	56,933	3/4	67,655	3/4	78,376	3/4	89,097	3/4	99,817
7	3,593	7	14,295	7	25,015	7	35,713	7	46,434	7	57,156	7	67,878	7	78,600	7	89,320	7	100,040
1/4	3,814	1/4	14,519	1/4	25,238	1/4	35,936	1/4	46,658	1/4	57,379	1/4	68,101	1/4	78,823	1/4	89,544	1/4	100,264
1/2	4,035	1/2	14,742	1/2	25,461	1/2	36,159	1/2	46,881	1/2	57,603	1/2	68,325	1/2	79,046	1/2	89,767	1/2	100,487
3/4	4,255	3/4	14,965	3/4	25,684	3/4	36,383	3/4	47,104	3/4	57,826	3/4	68,548	3/4	79,270	3/4	89,990	3/4	100,710
8	4,476	8	15,189	8	25,907	8	36,606	8	47,328	8	58,050	8	68,771	8	79,493	8	90,214	8	100,934
1/4	4,698	1/4	15,412	1/4	26,130	1/4	36,829	1/4	47,551	1/4	58,273	1/4	68,995	1/4	79,717	1/4	90,437	1/4	101,157
1/2	4,920	1/2	15,635	1/2	26,353	1/2	37,053	1/2	47,775	1/2	58,496	1/2	69,218	1/2	79,940	1/2	90,660	1/2	101,380
3/4	5,142	3/4	15,859	3/4	26,575	3/4	37,276	3/4	47,998	3/4	58,720	3/4	69,441	3/4	80,163	3/4	90,884	3/4	101,604
9	5,364	9	16,082	9	26,798	9	37,500	9	48,221	9	58,943	9	69,665	9	80,387	9	91,107	9	101,827
1/4	5,587	1/4	16,306	1/4	27,021	1/4	37,723	1/4	48,445	1/4	59,166	1/4	69,888	1/4	80,610	1/4	91,330	1/4	102,050
1/2	5,810	1/2	16,529	1/2	27,243	1/2	37,946	1/2	48,668	1/2	59,390	1/2	70,112	1/2	80,833	1/2	91,554	1/2	102,274
3/4	6,032	3/4	16,752	3/4	27,466	3/4	38,170	3/4	48,891	3/4	59,613	3/4	70,335	3/4	81,057	3/4	91,777	3/4	102,497
10	6,255	10	16,976	10	27,688	10	38,393	10	49,115	10	59,837	10	70,558	10	81,280	10	92,000	10	102,720
1/4	6,478	1/4	17,199	1/4	27,911	1/4	38,616	1/4	49,338	1/4	60,060	1/4	70,782	1/4	81,503	1/4	92,224	1/4	102,944
1/2	6,702	1/2	17,422	1/2	28,134	1/2	38,840	1/2	49,562	1/2	60,283	1/2	71,005	1/2	81,727	1/2	92,447	1/2	103,167
3/4	6,925	3/4	17,646	3/4	28,356	3/4	39,063	3/4	49,785	3/4	60,507	3/4	71,228	3/4	81,950	3/4	92,670	3/4	103,390
11	7,148	11	17,869	11	28,579	11	39,287	11	50,008	11	60,730	11	71,452	11	82,174	11	92,894	11	103,614
1/4	7,371	1/4	18,092	1/4	28,802	1/4	39,510	1/4	50,232	1/4	60,953	1/4	71,675	1/4	82,397	1/4	93,117	1/4	103,837
1/2	7,595	1/2	18,316	1/2	29,024	1/2	39,733	1/2	50,455	1/2	61,177	1/2	71,899	1/2	82,620	1/2	93,340	1/2	104,060
3/4	7,818	3/4	18,539	3/4	29,247	3/4	39,957	3/4	50,678	3/4	61,400	3/4	72,122	3/4	82,844	3/4	93,564	3/4	104,284

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 1381"

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	104,507	0	115,227	0	125,947	0	136,608	0	147,236	0		0		0		0		0	
1/4	104,730	1/4	115,450	1/4	126,169	1/4	136,830	1/4	147,456	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,954	1/2	115,674	1/2	126,391	1/2	137,052	1/2	147,676	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,177	3/4	115,897	3/4	126,613	3/4	137,274	3/4	147,897	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,400	1	116,120	1	126,835	1	137,496	1	148,117	1	1	1	1	1	1	1	1	1	1
1/4	105,624	1/4	116,344	1/4	127,057	1/4	137,719	1/4	148,337	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,847	1/2	116,567	1/2	127,280	1/2	137,941	1/2	148,557	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,070	3/4	116,790	3/4	127,502	3/4	138,163	3/4	148,777	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,294	2	117,014	2	127,724	2	138,385	2	148,997	2	2	2	2	2	2	2	2	2	2
1/4	106,517	1/4	117,237	1/4	127,946	1/4	138,607	1/4	149,198	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,740	1/2	117,460	1/2	128,168	1/2	138,829	1/2	149,400	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,964	3/4	117,684	3/4	128,390	3/4	139,051	3/4	149,601	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,187	3	117,907	3	128,612	3	139,273	3	149,803	3	3	3	3	3	3	3	3	3	3
1/4	107,410	1/4	118,130	1/4	128,834	1/4	139,495	1/4	149,967	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,634	1/2	118,354	1/2	129,056	1/2	139,718	1/2	150,131	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,857	3/4	118,577	3/4	129,278	3/4	139,940	3/4	150,295	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,080	4	118,800	4	129,501	4	140,162	4	150,459	4	4	4	4	4	4	4	4	4	4
1/4	108,304	1/4	119,024	1/4	129,723	1/4	140,384	1/4	150,586	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,527	1/2	119,247	1/2	129,945	1/2	140,606	1/2	150,713	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,750	3/4	119,470	3/4	130,167	3/4	140,828	3/4	150,840	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,974	5	119,694	5	130,389	5	141,050	5	150,967	5	5	5	5	5	5	5	5	5	5
1/4	109,197	1/4	119,917	1/4	130,611	1/4	141,272	1/4	151,057	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,420	1/2	120,140	1/2	130,833	1/2	141,494	1/2	151,147	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,644	3/4	120,364	3/4	131,055	3/4	141,717	3/4	151,237	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,867	6	120,587	6	131,277	6	141,939	6	151,326	6	6	6	6	6	6	6	6	6	6
1/4	110,090	1/4	120,810	1/4	131,500	1/4	142,161	1/4	151,379	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,314	1/2	121,034	1/2	131,722	1/2	142,383	1/2	151,431	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,537	3/4	121,257	3/4	131,944	3/4	142,605	3/4	151,484	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,760	7	121,480	7	132,166	7	142,827	7	151,536	7	7	7	7	7	7	7	7	7	7
1/4	110,984	1/4	121,704	1/4	132,388	1/4	143,049	1/4	151,552	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,207	1/2	121,927	1/2	132,610	1/2	143,271	1/2	151,567	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,430	3/4	122,150	3/4	132,832	3/4	143,493	3/4	151,582	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,654	8	122,374	8	133,054	8	143,715	8	151,598	8	8	8	8	8	8	8	8	8	8
1/4	111,877	1/4	122,597	1/4	133,276	1/4	143,936	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,100	1/2	122,820	1/2	133,499	1/2	144,156	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,324	3/4	123,044	3/4	133,721	3/4	144,376	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,547	9	123,267	9	133,943	9	144,596	9		9	9	9	9	9	9	9	9	9	9
1/4	112,770	1/4	123,490	1/4	134,165	1/4	144,816	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,994	1/2	123,714	1/2	134,387	1/2	145,036	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,217	3/4	123,937	3/4	134,609	3/4	145,256	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,440	10	124,160	10	134,831	10	145,476	10		10	10	10	10	10	10	10	10	10	10
1/4	113,664	1/4	124,384	1/4	135,053	1/4	145,696	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,887	1/2	124,607	1/2	135,275	1/2	145,916	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,110	3/4	124,830	3/4	135,497	3/4	146,136	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,334	11	125,054	11	135,720	11	146,356	11		11	11	11	11	11	11	11	11	11	11
1/4	114,557	1/4	125,277	1/4	135,942	1/4	146,576	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,780	1/2	125,500	1/2	136,164	1/2	146,796	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,004	3/4	125,724	3/4	136,386	3/4	147,016	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2015 SW
CALCULATED: 05/08/2014 CL
PRINTED: 05/08/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

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



BARGE "CBC 1381"

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	9,038	0	21,096	0	33,007	0	44,918	0	56,976	0	69,034	0	81,092	0	93,150	0	105,205
1/4	60	1/4	9,290	1/4	21,347	1/4	33,251	1/4	45,169	1/4	57,227	1/4	69,285	1/4	81,343	1/4	93,401	1/4	105,457
1/2	81	1/2	9,541	1/2	21,598	1/2	33,494	1/2	45,420	1/2	57,478	1/2	69,536	1/2	81,594	1/2	93,652	1/2	105,708
3/4	102	3/4	9,792	3/4	21,849	3/4	33,738	3/4	45,672	3/4	57,730	3/4	69,787	3/4	81,845	3/4	93,903	3/4	105,959
1	123	1	10,043	1	22,101	1	33,982	1	45,923	1	57,981	1	70,039	1	82,097	1	94,154	1	106,210
1/4	186	1/4	10,294	1/4	22,352	1/4	34,226	1/4	46,174	1/4	58,232	1/4	70,290	1/4	82,348	1/4	94,405	1/4	106,461
1/2	249	1/2	10,546	1/2	22,603	1/2	34,470	1/2	46,425	1/2	58,483	1/2	70,541	1/2	82,599	1/2	94,657	1/2	106,712
3/4	311	3/4	10,797	3/4	22,854	3/4	34,713	3/4	46,676	3/4	58,734	3/4	70,792	3/4	82,850	3/4	94,908	3/4	106,964
2	374	2	11,048	2	23,105	2	34,957	2	46,928	2	58,986	2	71,043	2	83,101	2	95,159	2	107,215
1/4	479	1/4	11,299	1/4	23,357	1/4	35,201	1/4	47,179	1/4	59,237	1/4	71,295	1/4	83,353	1/4	95,410	1/4	107,466
1/2	583	1/2	11,550	1/2	23,608	1/2	35,445	1/2	47,430	1/2	59,488	1/2	71,546	1/2	83,604	1/2	95,661	1/2	107,717
3/4	688	3/4	11,802	3/4	23,859	3/4	35,689	3/4	47,681	3/4	59,739	3/4	71,797	3/4	83,855	3/4	95,912	3/4	107,968
3	793	3	12,053	3	24,110	3	35,932	3	47,932	3	59,990	3	72,048	3	84,106	3	96,164	3	108,219
1/4	939	1/4	12,304	1/4	24,361	1/4	36,176	1/4	48,184	1/4	60,242	1/4	72,300	1/4	84,357	1/4	96,415	1/4	108,471
1/2	1,086	1/2	12,555	1/2	24,613	1/2	36,420	1/2	48,435	1/2	60,493	1/2	72,551	1/2	84,609	1/2	96,666	1/2	108,722
3/4	1,232	3/4	12,806	3/4	24,864	3/4	36,664	3/4	48,686	3/4	60,744	3/4	72,802	3/4	84,860	3/4	96,917	3/4	108,973
4	1,379	4	13,058	4	25,115	4	36,908	4	48,937	4	60,995	4	73,053	4	85,111	4	97,168	4	109,224
1/4	1,567	1/4	13,309	1/4	25,366	1/4	37,152	1/4	49,189	1/4	61,246	1/4	73,304	1/4	85,362	1/4	97,419	1/4	109,475
1/2	1,756	1/2	13,560	1/2	25,617	1/2	37,396	1/2	49,440	1/2	61,498	1/2	73,556	1/2	85,613	1/2	97,671	1/2	109,726
3/4	1,944	3/4	13,811	3/4	25,869	3/4	37,640	3/4	49,691	3/4	61,749	3/4	73,807	3/4	85,865	3/4	97,922	3/4	109,978
5	2,132	5	14,062	5	26,120	5	37,884	5	49,942	5	62,000	5	74,058	5	86,116	5	98,173	5	110,229
1/4	2,362	1/4	14,314	1/4	26,371	1/4	38,135	1/4	50,193	1/4	62,251	1/4	74,309	1/4	86,367	1/4	98,424	1/4	110,480
1/2	2,592	1/2	14,565	1/2	26,622	1/2	38,387	1/2	50,445	1/2	62,502	1/2	74,560	1/2	86,618	1/2	98,675	1/2	110,731
3/4	2,821	3/4	14,816	3/4	26,873	3/4	38,638	3/4	50,696	3/4	62,754	3/4	74,812	3/4	86,869	3/4	98,926	3/4	110,982
6	3,051	6	15,067	6	27,125	6	38,889	6	50,947	6	63,005	6	75,063	6	87,121	6	99,178	6	111,233
1/4	3,297	1/4	15,318	1/4	27,376	1/4	39,140	1/4	51,198	1/4	63,256	1/4	75,314	1/4	87,372	1/4	99,429	1/4	111,485
1/2	3,543	1/2	15,570	1/2	27,627	1/2	39,391	1/2	51,449	1/2	63,507	1/2	75,565	1/2	87,623	1/2	99,680	1/2	111,736
3/4	3,789	3/4	15,821	3/4	27,878	3/4	39,643	3/4	51,701	3/4	63,758	3/4	75,816	3/4	87,874	3/4	99,931	3/4	111,987
7	4,036	7	16,072	7	28,129	7	39,894	7	51,952	7	64,010	7	76,068	7	88,126	7	100,182	7	112,238
1/4	4,284	1/4	16,323	1/4	28,374	1/4	40,145	1/4	52,203	1/4	64,261	1/4	76,319	1/4	88,377	1/4	100,433	1/4	112,489
1/2	4,532	1/2	16,574	1/2	28,618	1/2	40,396	1/2	52,454	1/2	64,512	1/2	76,570	1/2	88,628	1/2	100,685	1/2	112,740
3/4	4,781	3/4	16,826	3/4	28,862	3/4	40,648	3/4	52,705	3/4	64,763	3/4	76,821	3/4	88,879	3/4	100,936	3/4	112,992
8	5,029	8	17,077	8	29,106	8	40,899	8	52,957	8	65,015	8	77,072	8	89,130	8	101,187	8	113,243
1/4	5,279	1/4	17,328	1/4	29,350	1/4	41,150	1/4	53,208	1/4	65,266	1/4	77,324	1/4	89,382	1/4	101,438	1/4	113,494
1/2	5,529	1/2	17,579	1/2	29,594	1/2	41,401	1/2	53,459	1/2	65,517	1/2	77,575	1/2	89,633	1/2	101,689	1/2	113,745
3/4	5,778	3/4	17,830	3/4	29,837	3/4	41,652	3/4	53,710	3/4	65,768	3/4	77,826	3/4	89,884	3/4	101,940	3/4	113,996
9	6,028	9	18,081	9	30,081	9	41,904	9	53,961	9	66,019	9	78,077	9	90,135	9	102,192	9	114,247
1/4	6,278	1/4	18,333	1/4	30,325	1/4	42,155	1/4	54,213	1/4	66,271	1/4	78,328	1/4	90,386	1/4	102,443	1/4	114,499
1/2	6,529	1/2	18,584	1/2	30,569	1/2	42,406	1/2	54,464	1/2	66,522	1/2	78,580	1/2	90,638	1/2	102,694	1/2	114,750
3/4	6,779	3/4	18,835	3/4	30,813	3/4	42,657	3/4	54,715	3/4	66,773	3/4	78,831	3/4	90,889	3/4	102,945	3/4	115,001
10	7,030	10	19,086	10	31,056	10	42,908	10	54,966	10	67,024	10	79,082	10	91,140	10	103,196	10	115,252
1/4	7,281	1/4	19,337	1/4	31,300	1/4	43,160	1/4	55,217	1/4	67,275	1/4	79,333	1/4	91,391	1/4	103,447	1/4	115,503
1/2	7,532	1/2	19,589	1/2	31,544	1/2	43,411	1/2	55,469	1/2	67,527	1/2	79,585	1/2	91,642	1/2	103,698	1/2	115,754
3/4	7,783	3/4	19,840	3/4	31,788	3/4	43,662	3/4	55,720	3/4	67,778	3/4	79,836	3/4	91,894	3/4	103,950	3/4	116,005
11	8,034	11	20,091	11	32,032	11	43,913	11	55,971	11	68,029	11	80,087	11	92,145	11	104,201	11	116,257
1/4	8,285	1/4	20,342	1/4	32,275	1/4	44,164	1/4	56,222	1/4	68,280	1/4	80,338	1/4	92,396	1/4	104,452	1/4	116,508
1/2	8,536	1/2	20,593	1/2	32,519	1/2	44,416	1/2	56,474	1/2	68,531	1/2	80,589	1/2	92,647	1/2	104,703	1/2	116,759
3/4	8,787	3/4	20,845	3/4	32,763	3/4	44,667	3/4	56,725	3/4	68,783	3/4	80,841	3/4	92,898	3/4	104,954	3/4	117,010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1381"

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	117,261	0	129,317	0	141,373	0	153,362	0	165,314	0		0		0		0		0	
1/4	117,512	1/4	129,568	1/4	141,623	1/4	153,612	1/4	165,561	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,764	1/2	129,819	1/2	141,872	1/2	153,861	1/2	165,809	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,015	3/4	130,071	3/4	142,122	3/4	154,111	3/4	166,056	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,266	1	130,322	1	142,372	1	154,361	1	166,303	1	1	1	1	1	1	1	1	1	1
1/4	118,517	1/4	130,573	1/4	142,622	1/4	154,611	1/4	166,551	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,768	1/2	130,824	1/2	142,872	1/2	154,860	1/2	166,798	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,019	3/4	131,075	3/4	143,121	3/4	155,110	3/4	167,046	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,271	2	131,326	2	143,371	2	155,360	2	167,293	2	2	2	2	2	2	2	2	2	2
1/4	119,522	1/4	131,578	1/4	143,621	1/4	155,610	1/4	167,520	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,773	1/2	131,829	1/2	143,871	1/2	155,859	1/2	167,746	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,024	3/4	132,080	3/4	144,120	3/4	156,109	3/4	167,973	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,275	3	132,331	3	144,370	3	156,359	3	168,199	3	3	3	3	3	3	3	3	3	3
1/4	120,526	1/4	132,582	1/4	144,620	1/4	156,609	1/4	168,384	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,778	1/2	132,833	1/2	144,870	1/2	156,859	1/2	168,569	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,029	3/4	133,085	3/4	145,119	3/4	157,108	3/4	168,753	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,280	4	133,336	4	145,369	4	157,358	4	168,938	4	4	4	4	4	4	4	4	4	4
1/4	121,531	1/4	133,587	1/4	145,619	1/4	157,608	1/4	169,081	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,782	1/2	133,838	1/2	145,869	1/2	157,858	1/2	169,224	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,033	3/4	134,089	3/4	146,119	3/4	158,107	3/4	169,366	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,285	5	134,340	5	146,368	5	158,357	5	169,509	5	5	5	5	5	5	5	5	5	5
1/4	122,536	1/4	134,592	1/4	146,618	1/4	158,607	1/4	169,610	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,787	1/2	134,843	1/2	146,868	1/2	158,857	1/2	169,711	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,038	3/4	135,094	3/4	147,118	3/4	159,106	3/4	169,812	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,289	6	135,345	6	147,367	6	159,356	6	169,913	6	6	6	6	6	6	6	6	6	6
1/4	123,540	1/4	135,596	1/4	147,617	1/4	159,606	1/4	169,972	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,792	1/2	135,847	1/2	147,867	1/2	159,856	1/2	170,031	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,043	3/4	136,099	3/4	148,117	3/4	160,105	3/4	170,090	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,294	7	136,350	7	148,366	7	160,355	7	170,149	7	7	7	7	7	7	7	7	7	7
1/4	124,545	1/4	136,601	1/4	148,616	1/4	160,605	1/4	170,166	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,796	1/2	136,852	1/2	148,866	1/2	160,855	1/2	170,183	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,047	3/4	137,103	3/4	149,116	3/4	161,105	3/4	170,201	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,299	8	137,354	8	149,366	8	161,354	8	170,218	8	8	8	8	8	8	8	8	8	8
1/4	125,550	1/4	137,606	1/4	149,615	1/4	161,602	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,801	1/2	137,857	1/2	149,865	1/2	161,849	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,052	3/4	138,108	3/4	150,115	3/4	162,097	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,303	9	138,359	9	150,365	9	162,344	9		9	9	9	9	9	9	9	9	9	9
1/4	126,554	1/4	138,610	1/4	150,614	1/4	162,592	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,806	1/2	138,861	1/2	150,864	1/2	162,839	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,057	3/4	139,112	3/4	151,114	3/4	163,087	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,308	10	139,364	10	151,364	10	163,334	10		10	10	10	10	10	10	10	10	10	10
1/4	127,559	1/4	139,615	1/4	151,613	1/4	163,581	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,810	1/2	139,866	1/2	151,863	1/2	163,829	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,061	3/4	140,117	3/4	152,113	3/4	164,076	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,312	11	140,368	11	152,363	11	164,324	11		11	11	11	11	11	11	11	11	11	11
1/4	128,564	1/4	140,619	1/4	152,612	1/4	164,571	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,815	1/2	140,871	1/2	152,862	1/2	164,819	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,066	3/4	141,122	3/4	153,112	3/4	165,066	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2015 SW
CALCULATED: 05/08/2014 CL
PRINTED: 05/08/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

PRECISION MEASUREMENT
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BARGE "CBC 1381"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,100	0	18,902	0	29,552	0	40,232	0	51,005	0	61,779	0	72,528	0	83,280	0	94,057
1/4	58	1/4	8,326	1/4	19,127	1/4	29,771	1/4	40,457	1/4	51,230	1/4	62,003	1/4	72,752	1/4	83,505	1/4	94,281
1/2	77	1/2	8,551	1/2	19,352	1/2	29,989	1/2	40,681	1/2	51,454	1/2	62,227	1/2	72,975	1/2	83,729	1/2	94,506
3/4	96	3/4	8,776	3/4	19,577	3/4	30,208	3/4	40,906	3/4	51,679	3/4	62,452	3/4	73,198	3/4	83,954	3/4	94,730
1	114	1	9,001	1	19,802	1	30,427	1	41,130	1	51,903	1	62,676	1	73,421	1	84,178	1	94,955
1/4	171	1/4	9,226	1/4	20,027	1/4	30,645	1/4	41,354	1/4	52,128	1/4	62,901	1/4	73,644	1/4	84,403	1/4	95,179
1/2	227	1/2	9,451	1/2	20,252	1/2	30,864	1/2	41,579	1/2	52,352	1/2	63,125	1/2	73,867	1/2	84,627	1/2	95,404
3/4	283	3/4	9,676	3/4	20,477	3/4	31,083	3/4	41,803	3/4	52,576	3/4	63,350	3/4	74,090	3/4	84,852	3/4	95,628
2	339	2	9,901	2	20,702	2	31,301	2	42,028	2	52,801	2	63,574	2	74,313	2	85,076	2	95,853
1/4	433	1/4	10,126	1/4	20,927	1/4	31,520	1/4	42,252	1/4	53,025	1/4	63,799	1/4	74,536	1/4	85,301	1/4	96,077
1/2	527	1/2	10,351	1/2	21,152	1/2	31,738	1/2	42,477	1/2	53,250	1/2	64,023	1/2	74,759	1/2	85,525	1/2	96,302
3/4	621	3/4	10,576	3/4	21,377	3/4	31,957	3/4	42,701	3/4	53,474	3/4	64,247	3/4	74,982	3/4	85,750	3/4	96,526
3	714	3	10,801	3	21,602	3	32,176	3	42,926	3	53,699	3	64,472	3	75,206	3	85,974	3	96,751
1/4	846	1/4	11,026	1/4	21,827	1/4	32,394	1/4	43,150	1/4	53,923	1/4	64,696	1/4	75,429	1/4	86,199	1/4	96,975
1/2	977	1/2	11,251	1/2	22,052	1/2	32,613	1/2	43,374	1/2	54,148	1/2	64,921	1/2	75,652	1/2	86,423	1/2	97,200
3/4	1,108	3/4	11,476	3/4	22,277	3/4	32,831	3/4	43,599	3/4	54,372	3/4	65,145	3/4	75,875	3/4	86,648	3/4	97,424
4	1,239	4	11,701	4	22,502	4	33,050	4	43,823	4	54,596	4	65,370	4	76,098	4	86,872	4	97,649
1/4	1,408	1/4	11,926	1/4	22,727	1/4	33,275	1/4	44,048	1/4	54,821	1/4	65,594	1/4	76,322	1/4	87,097	1/4	97,873
1/2	1,577	1/2	12,151	1/2	22,952	1/2	33,499	1/2	44,272	1/2	55,045	1/2	65,818	1/2	76,546	1/2	87,321	1/2	98,098
3/4	1,746	3/4	12,376	3/4	23,177	3/4	33,723	3/4	44,497	3/4	55,270	3/4	66,043	3/4	76,769	3/4	87,546	3/4	98,322
5	1,914	5	12,601	5	23,402	5	33,948	5	44,721	5	55,494	5	66,267	5	76,993	5	87,770	5	98,547
1/4	2,120	1/4	12,826	1/4	23,627	1/4	34,172	1/4	44,945	1/4	55,719	1/4	66,492	1/4	77,218	1/4	87,995	1/4	98,771
1/2	2,326	1/2	13,051	1/2	23,852	1/2	34,397	1/2	45,170	1/2	55,943	1/2	66,716	1/2	77,442	1/2	88,219	1/2	98,996
3/4	2,531	3/4	13,276	3/4	24,077	3/4	34,621	3/4	45,394	3/4	56,168	3/4	66,941	3/4	77,667	3/4	88,444	3/4	99,220
6	2,737	6	13,501	6	24,302	6	34,846	6	45,619	6	56,392	6	67,165	6	77,891	6	88,669	6	99,445
1/4	2,957	1/4	13,726	1/4	24,521	1/4	35,070	1/4	45,843	1/4	56,616	1/4	67,389	1/4	78,116	1/4	88,893	1/4	99,670
1/2	3,178	1/2	13,951	1/2	24,740	1/2	35,295	1/2	46,068	1/2	56,841	1/2	67,613	1/2	78,340	1/2	89,118	1/2	99,894
3/4	3,398	3/4	14,176	3/4	24,959	3/4	35,519	3/4	46,292	3/4	57,065	3/4	67,837	3/4	78,565	3/4	89,342	3/4	100,119
7	3,619	7	14,401	7	25,178	7	35,743	7	46,517	7	57,290	7	68,061	7	78,789	7	89,567	7	100,343
1/4	3,842	1/4	14,626	1/4	25,397	1/4	35,968	1/4	46,741	1/4	57,514	1/4	68,284	1/4	79,014	1/4	89,791	1/4	100,568
1/2	4,064	1/2	14,851	1/2	25,616	1/2	36,192	1/2	46,965	1/2	57,739	1/2	68,508	1/2	79,239	1/2	90,016	1/2	100,792
3/4	4,287	3/4	15,076	3/4	25,835	3/4	36,417	3/4	47,190	3/4	57,963	3/4	68,732	3/4	79,463	3/4	90,240	3/4	101,017
8	4,509	8	15,301	8	26,054	8	36,641	8	47,414	8	58,187	8	68,956	8	79,688	8	90,465	8	101,241
1/4	4,733	1/4	15,526	1/4	26,273	1/4	36,866	1/4	47,639	1/4	58,412	1/4	69,180	1/4	79,912	1/4	90,689	1/4	101,466
1/2	4,956	1/2	15,751	1/2	26,491	1/2	37,090	1/2	47,863	1/2	58,636	1/2	69,404	1/2	80,137	1/2	90,914	1/2	101,690
3/4	5,180	3/4	15,976	3/4	26,710	3/4	37,314	3/4	48,088	3/4	58,861	3/4	69,628	3/4	80,361	3/4	91,138	3/4	101,915
9	5,404	9	16,201	9	26,929	9	37,539	9	48,312	9	59,085	9	69,851	9	80,586	9	91,363	9	102,139
1/4	5,628	1/4	16,426	1/4	27,147	1/4	37,763	1/4	48,537	1/4	59,310	1/4	70,074	1/4	80,810	1/4	91,587	1/4	102,364
1/2	5,852	1/2	16,651	1/2	27,366	1/2	37,988	1/2	48,761	1/2	59,534	1/2	70,298	1/2	81,035	1/2	91,812	1/2	102,588
3/4	6,077	3/4	16,876	3/4	27,585	3/4	38,212	3/4	48,985	3/4	59,759	3/4	70,521	3/4	81,259	3/4	92,036	3/4	102,813
10	6,301	10	17,101	10	27,803	10	38,437	10	49,210	10	59,983	10	70,744	10	81,484	10	92,261	10	103,037
1/4	6,526	1/4	17,326	1/4	28,022	1/4	38,661	1/4	49,434	1/4	60,207	1/4	70,967	1/4	81,708	1/4	92,485	1/4	103,262
1/2	6,751	1/2	17,551	1/2	28,240	1/2	38,886	1/2	49,659	1/2	60,432	1/2	71,190	1/2	81,933	1/2	92,710	1/2	103,486
3/4	6,976	3/4	17,776	3/4	28,459	3/4	39,110	3/4	49,883	3/4	60,656	3/4	71,413	3/4	82,158	3/4	92,934	3/4	103,711
11	7,200	11	18,002	11	28,678	11	39,334	11	50,108	11	60,881	11	71,636	11	82,382	11	93,159	11	103,935
1/4	7,425	1/4	18,227	1/4	28,896	1/4	39,559	1/4	50,332	1/4	61,105	1/4	71,859	1/4	82,607	1/4	93,383	1/4	104,160
1/2	7,650	1/2	18,452	1/2	29,115	1/2	39,783	1/2	50,557	1/2	61,330	1/2	72,082	1/2	82,831	1/2	93,608	1/2	104,384
3/4	7,875	3/4	18,677	3/4	29,334	3/4	40,008	3/4	50,781	3/4	61,554	3/4	72,305	3/4	83,056	3/4	93,832	3/4	104,609

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 28'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1381"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,833	0	114,946	0	124,416	0	133,845	0	143,257	0		0		0		0		0	
1/4	105,057	1/4	115,143	1/4	124,613	1/4	134,041	1/4	143,451	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,282	1/2	115,340	1/2	124,810	1/2	134,238	1/2	143,646	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,506	3/4	115,538	3/4	125,006	3/4	134,435	3/4	143,841	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,730	1	115,735	1	125,203	1	134,632	1	144,036	1	1	1	1	1	1	1	1	1	1
1/4	105,955	1/4	115,932	1/4	125,400	1/4	134,829	1/4	144,230	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,179	1/2	116,129	1/2	125,597	1/2	135,025	1/2	144,425	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,403	3/4	116,327	3/4	125,794	3/4	135,222	3/4	144,620	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,627	2	116,524	2	125,990	2	135,419	2	144,814	2	2	2	2	2	2	2	2	2	2
1/4	106,852	1/4	116,721	1/4	126,187	1/4	135,616	1/4	145,018	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,076	1/2	116,919	1/2	126,384	1/2	135,812	1/2	145,222	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,300	3/4	117,116	3/4	126,581	3/4	136,009	3/4	145,425	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,524	3	117,313	3	126,777	3	136,206	3	145,629	3	3	3	3	3	3	3	3	3	3
1/4	107,749	1/4	117,511	1/4	126,974	1/4	136,403	1/4	145,795	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,973	1/2	117,708	1/2	127,171	1/2	136,599	1/2	145,961	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,197	3/4	117,905	3/4	127,368	3/4	136,796	3/4	146,127	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,421	4	118,102	4	127,565	4	136,993	4	146,293	4	4	4	4	4	4	4	4	4	4
1/4	108,646	1/4	118,300	1/4	127,761	1/4	137,190	1/4	146,422	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,870	1/2	118,497	1/2	127,958	1/2	137,387	1/2	146,551	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,094	3/4	118,694	3/4	128,155	3/4	137,583	3/4	146,679	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,318	5	118,892	5	128,352	5	137,780	5	146,808	5	5	5	5	5	5	5	5	5	5
1/4	109,543	1/4	119,089	1/4	128,548	1/4	137,977	1/4	146,899	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,767	1/2	119,286	1/2	128,745	1/2	138,174	1/2	146,990	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,991	3/4	119,484	3/4	128,942	3/4	138,370	3/4	147,081	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,216	6	119,681	6	129,139	6	138,567	6	147,172	6	6	6	6	6	6	6	6	6	6
1/4	110,413	1/4	119,878	1/4	129,335	1/4	138,764	1/4	147,226	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,610	1/2	120,075	1/2	129,531	1/2	138,961	1/2	147,279	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,807	3/4	120,273	3/4	129,727	3/4	139,158	3/4	147,333	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,004	7	120,470	7	129,923	7	139,354	7	147,386	7	7	7	7	7	7	7	7	7	7
1/4	111,201	1/4	120,667	1/4	130,119	1/4	139,551	1/4	147,403	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,398	1/2	120,865	1/2	130,315	1/2	139,748	1/2	147,419	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,595	3/4	121,062	3/4	130,511	3/4	139,945	3/4	147,435	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,792	8	121,259	8	130,707	8	140,141	8	147,451	8	8	8	8	8	8	8	8	8	8
1/4	111,989	1/4	121,457	1/4	130,903	1/4	140,336	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,186	1/2	121,654	1/2	131,100	1/2	140,531	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,383	3/4	121,851	3/4	131,296	3/4	140,726	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,581	9	122,049	9	131,492	9	140,920	9		9	9	9	9	9	9	9	9	9	9
1/4	112,778	1/4	122,246	1/4	131,688	1/4	141,115	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,975	1/2	122,443	1/2	131,884	1/2	141,310	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,172	3/4	122,640	3/4	132,080	3/4	141,504	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,369	10	122,838	10	132,276	10	141,699	10		10	10	10	10	10	10	10	10	10	10
1/4	113,566	1/4	123,035	1/4	132,472	1/4	141,894	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,763	1/2	123,232	1/2	132,668	1/2	142,089	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,960	3/4	123,430	3/4	132,864	3/4	142,283	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,157	11	123,627	11	133,060	11	142,478	11		11	11	11	11	11	11	11	11	11	11
1/4	114,354	1/4	123,824	1/4	133,256	1/4	142,673	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,551	1/2	124,022	1/2	133,452	1/2	142,867	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,749	3/4	124,219	3/4	133,649	3/4	143,062	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2015 SW
CALCULATED: 05/08/2014 CL
PRINTED: 05/08/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

PRECISION MEASUREMENT
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BARGE "CBC 1381"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 161'-09"

May 8, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 1381"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0		0		0	151,567	0	143,271	0	132,610	0	121,927	0	111,207	0	100,487	0	89,767	0	79,046	
1/4	1/4	1/4	1/4	1/4	151,552	1/4	143,049	1/4	132,388	1/4	121,704	1/4	110,984	1/4	100,264	1/4	89,544	1/4	78,823	
1/2	1/2	1/2	1/2	1/2	151,536	1/2	142,827	1/2	132,166	1/2	121,480	1/2	110,760	1/2	100,040	1/2	89,320	1/2	78,600	
3/4	3/4	3/4	3/4	3/4	151,484	3/4	142,605	3/4	131,944	3/4	121,257	3/4	110,537	3/4	99,817	3/4	89,097	3/4	78,376	
1		1		1	151,431	1	142,383	1	131,722	1	121,034	1	110,314	1	99,594	1	88,874	1	78,153	
1/4	1/4	1/4	1/4	1/4	151,379	1/4	142,161	1/4	131,500	1/4	120,810	1/4	110,090	1/4	99,370	1/4	88,650	1/4	77,930	
1/2	1/2	1/2	1/2	1/2	151,326	1/2	141,939	1/2	131,277	1/2	120,587	1/2	109,867	1/2	99,147	1/2	88,427	1/2	77,706	
3/4	3/4	3/4	3/4	3/4	151,237	3/4	141,717	3/4	131,055	3/4	120,364	3/4	109,644	3/4	98,924	3/4	88,204	3/4	77,483	
2		2		2	151,147	2	141,494	2	130,833	2	120,140	2	109,420	2	98,700	2	87,980	2	77,259	
1/4	1/4	1/4	1/4	1/4	151,057	1/4	141,272	1/4	130,611	1/4	119,917	1/4	109,197	1/4	98,477	1/4	87,757	1/4	77,036	
1/2	1/2	1/2	1/2	1/2	150,967	1/2	141,050	1/2	130,389	1/2	119,694	1/2	108,974	1/2	98,254	1/2	87,534	1/2	76,813	
3/4	3/4	3/4	3/4	3/4	150,840	3/4	140,828	3/4	130,167	3/4	119,470	3/4	108,750	3/4	98,030	3/4	87,310	3/4	76,589	
3		3		3	150,713	3	140,606	3	129,945	3	119,247	3	108,527	3	97,807	3	87,087	3	76,366	
1/4	1/4	1/4	1/4	1/4	150,586	1/4	140,384	1/4	129,723	1/4	119,024	1/4	108,304	1/4	97,584	1/4	86,864	1/4	76,143	
1/2	1/2	1/2	1/2	1/2	150,459	1/2	140,162	1/2	129,501	1/2	118,800	1/2	108,080	1/2	97,360	1/2	86,640	1/2	75,919	
3/4	3/4	3/4	3/4	3/4	150,295	3/4	139,940	3/4	129,278	3/4	118,577	3/4	107,857	3/4	97,137	3/4	86,417	3/4	75,696	
4		4		4	150,131	4	139,718	4	129,056	4	118,354	4	107,634	4	96,914	4	86,194	4	75,472	
1/4	1/4	1/4	1/4	1/4	149,967	1/4	139,495	1/4	128,834	1/4	118,130	1/4	107,410	1/4	96,690	1/4	85,970	1/4	75,249	
1/2	1/2	1/2	1/2	1/2	149,803	1/2	139,273	1/2	128,612	1/2	117,907	1/2	107,187	1/2	96,467	1/2	85,747	1/2	75,026	
3/4	3/4	3/4	3/4	3/4	149,601	3/4	139,051	3/4	128,390	3/4	117,684	3/4	106,964	3/4	96,244	3/4	85,524	3/4	74,802	
5		5		5	149,400	5	138,829	5	128,168	5	117,460	5	106,740	5	96,020	5	85,300	5	74,579	
1/4	1/4	1/4	1/4	1/4	149,198	1/4	138,607	1/4	127,946	1/4	117,237	1/4	106,517	1/4	95,797	1/4	85,077	1/4	74,356	
1/2	1/2	1/2	1/2	1/2	148,997	1/2	138,385	1/2	127,724	1/2	117,014	1/2	106,294	1/2	95,574	1/2	84,854	1/2	74,132	
3/4	3/4	3/4	3/4	3/4	148,777	3/4	138,163	3/4	127,502	3/4	116,790	3/4	106,070	3/4	95,350	3/4	84,630	3/4	73,909	
6		6		6	148,557	6	137,941	6	127,280	6	116,567	6	105,847	6	95,127	6	84,407	6	73,686	
1/4	1/4	1/4	1/4	1/4	148,337	1/4	137,719	1/4	127,057	1/4	116,344	1/4	105,624	1/4	94,904	1/4	84,184	1/4	73,462	
1/2	1/2	1/2	1/2	1/2	148,117	1/2	137,496	1/2	126,835	1/2	116,120	1/2	105,400	1/2	94,680	1/2	83,960	1/2	73,239	
3/4	3/4	3/4	3/4	3/4	147,897	3/4	137,274	3/4	126,613	3/4	115,897	3/4	105,177	3/4	94,457	3/4	83,737	3/4	73,015	
7		7		7	147,676	7	137,052	7	126,391	7	115,674	7	104,954	7	94,234	7	83,514	7	72,792	
1/4	1/4	1/4	1/4	1/4	147,456	1/4	136,830	1/4	126,169	1/4	115,450	1/4	104,730	1/4	94,010	1/4	83,290	1/4	72,569	
1/2	1/2	1/2	1/2	1/2	147,236	1/2	136,608	1/2	125,947	1/2	115,227	1/2	104,507	1/2	93,787	1/2	83,067	1/2	72,345	
3/4	3/4	3/4	3/4	3/4	147,016	3/4	136,386	3/4	125,724	3/4	115,004	3/4	104,284	3/4	93,564	3/4	82,844	3/4	72,122	
8		8		8	146,796	8	136,164	8	125,500	8	114,780	8	104,060	8	93,340	8	82,620	8	71,899	
1/4	1/4	1/4	1/4	1/4	146,576	1/4	135,942	1/4	125,277	1/4	114,557	1/4	103,837	1/4	93,117	1/4	82,397	1/4	71,675	
1/2	1/2	1/2	1/2	1/2	146,356	1/2	135,720	1/2	125,054	1/2	114,334	1/2	103,614	1/2	92,894	1/2	82,174	1/2	71,452	
3/4	3/4	3/4	3/4	3/4	146,136	3/4	135,497	3/4	124,830	3/4	114,110	3/4	103,390	3/4	92,670	3/4	81,950	3/4	71,228	
9		9		9	145,916	9	135,275	9	124,607	9	113,887	9	103,167	9	92,447	9	81,727	9	71,005	
1/4	1/4	1/4	1/4	1/4	145,696	1/4	135,053	1/4	124,384	1/4	113,664	1/4	102,944	1/4	92,224	1/4	81,503	1/4	70,782	
1/2	1/2	1/2	1/2	1/2	145,476	1/2	134,831	1/2	124,160	1/2	113,440	1/2	102,720	1/2	92,000	1/2	81,280	1/2	70,558	
3/4	3/4	3/4	3/4	3/4	145,256	3/4	134,609	3/4	123,937	3/4	113,217	3/4	102,497	3/4	91,777	3/4	81,057	3/4	70,335	
10		10		10	145,036	10	134,387	10	123,714	10	112,994	10	102,274	10	91,554	10	80,833	10	70,112	
1/4	1/4	1/4	1/4	1/4	144,816	1/4	134,165	1/4	123,490	1/4	112,770	1/4	102,050	1/4	91,330	1/4	80,610	1/4	69,888	
1/2	1/2	1/2	1/2	1/2	144,596	1/2	133,943	1/2	123,267	1/2	112,547	1/2	101,827	1/2	91,107	1/2	80,387	1/2	69,665	
3/4	3/4	3/4	3/4	3/4	144,376	3/4	133,721	3/4	123,044	3/4	112,324	3/4	101,604	3/4	90,884	3/4	80,163	3/4	69,441	
11		11		11	144,156	11	133,499	11	122,820	11	112,100	11	101,380	11	90,660	11	79,940	11	69,218	
1/4	1/4	1/4	1/4	1/4	143,936	1/4	133,276	1/4	122,597	1/4	111,877	1/4	101,157	1/4	90,437	1/4	79,717	1/4	68,995	
1/2	1/2	1/2	1/2	151,598	1/2	143,715	1/2	133,054	1/2	122,374	1/2	111,654	1/2	100,934	1/2	90,214	1/2	79,493	1/2	68,771
3/4	3/4	3/4	3/4	151,582	3/4	143,493	3/4	132,832	3/4	122,150	3/4	111,430	3/4	100,710	3/4	89,990	3/4	79,270	3/4	68,548

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 1381"

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	68,325	0	57,603	0	46,881	0	36,159	0	25,461	0	14,742	0	4,035	0		0		0	
1/4	68,101	1/4	57,379	1/4	46,658	1/4	35,936	1/4	25,238	1/4	14,519	1/4	3,814	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,878	1/2	57,156	1/2	46,434	1/2	35,713	1/2	25,015	1/2	14,295	1/2	3,593	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,655	3/4	56,933	3/4	46,211	3/4	35,489	3/4	24,792	3/4	14,072	3/4	3,374	3/4	3/4	3/4	3/4	3/4	3/4
1	67,431	1	56,709	1	45,988	1	35,266	1	24,569	1	13,849	1	3,155	1	1	1	1	1	1
1/4	67,208	1/4	56,486	1/4	45,764	1/4	35,042	1/4	24,346	1/4	13,625	1/4	2,936	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,984	1/2	56,263	1/2	45,541	1/2	34,819	1/2	24,123	1/2	13,402	1/2	2,717	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,761	3/4	56,039	3/4	45,318	3/4	34,596	3/4	23,900	3/4	13,179	3/4	2,513	3/4	3/4	3/4	3/4	3/4	3/4
2	66,538	2	55,816	2	45,094	2	34,372	2	23,676	2	12,955	2	2,309	2	2	2	2	2	2
1/4	66,314	1/4	55,593	1/4	44,871	1/4	34,149	1/4	23,453	1/4	12,732	1/4	2,105	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,091	1/2	55,369	1/2	44,647	1/2	33,926	1/2	23,230	1/2	12,508	1/2	1,901	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,868	3/4	55,146	3/4	44,424	3/4	33,702	3/4	23,006	3/4	12,285	3/4	1,733	3/4	3/4	3/4	3/4	3/4	3/4
3	65,644	3	54,922	3	44,201	3	33,479	3	22,783	3	12,062	3	1,566	3	3	3	3	3	3
1/4	65,421	1/4	54,699	1/4	43,977	1/4	33,256	1/4	22,560	1/4	11,838	1/4	1,398	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,197	1/2	54,476	1/2	43,754	1/2	33,032	1/2	22,336	1/2	11,615	1/2	1,230	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,974	3/4	54,252	3/4	43,531	3/4	32,809	3/4	22,113	3/4	11,392	3/4	1,100	3/4	3/4	3/4	3/4	3/4	3/4
4	64,751	4	54,029	4	43,307	4	32,587	4	21,890	4	11,168	4	970	4	4	4	4	4	4
1/4	64,527	1/4	53,806	1/4	43,084	1/4	32,364	1/4	21,666	1/4	10,945	1/4	840	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,304	1/2	53,582	1/2	42,860	1/2	32,142	1/2	21,443	1/2	10,722	1/2	709	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,081	3/4	53,359	3/4	42,637	3/4	31,919	3/4	21,220	3/4	10,498	3/4	616	3/4	3/4	3/4	3/4	3/4	3/4
5	63,857	5	53,135	5	42,414	5	31,696	5	20,996	5	10,275	5	523	5	5	5	5	5	5
1/4	63,634	1/4	52,912	1/4	42,190	1/4	31,474	1/4	20,773	1/4	10,051	1/4	430	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,410	1/2	52,689	1/2	41,967	1/2	31,251	1/2	20,549	1/2	9,828	1/2	337	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,187	3/4	52,465	3/4	41,744	3/4	31,028	3/4	20,326	3/4	9,605	3/4	281	3/4	3/4	3/4	3/4	3/4	3/4
6	62,964	6	52,242	6	41,520	6	30,806	6	20,103	6	9,381	6	225	6	6	6	6	6	6
1/4	62,740	1/4	52,019	1/4	41,297	1/4	30,583	1/4	19,879	1/4	9,158	1/4	170	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,517	1/2	51,795	1/2	41,073	1/2	30,360	1/2	19,656	1/2	8,935	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,294	3/4	51,572	3/4	40,850	3/4	30,138	3/4	19,433	3/4	8,711	3/4	95	3/4	3/4	3/4	3/4	3/4	3/4
7	62,070	7	51,348	7	40,627	7	29,915	7	19,209	7	8,488	7	77	7	7	7	7	7	7
1/4	61,847	1/4	51,125	1/4	40,403	1/4	29,692	1/4	18,986	1/4	8,265	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,624	1/2	50,902	1/2	40,180	1/2	29,470	1/2	18,763	1/2	8,041	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,400	3/4	50,678	3/4	39,957	3/4	29,247	3/4	18,539	3/4	7,818	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,177	8	50,455	8	39,733	8	29,024	8	18,316	8	7,595	8		8	8	8	8	8	8
1/4	60,953	1/4	50,232	1/4	39,510	1/4	28,802	1/4	18,092	1/4	7,371	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,730	1/2	50,008	1/2	39,287	1/2	28,579	1/2	17,869	1/2	7,148	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,507	3/4	49,785	3/4	39,063	3/4	28,356	3/4	17,646	3/4	6,925	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,283	9	49,562	9	38,840	9	28,134	9	17,422	9	6,702	9		9	9	9	9	9	9
1/4	60,060	1/4	49,338	1/4	38,616	1/4	27,911	1/4	17,199	1/4	6,478	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,837	1/2	49,115	1/2	38,393	1/2	27,688	1/2	16,976	1/2	6,255	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,613	3/4	48,891	3/4	38,170	3/4	27,466	3/4	16,752	3/4	6,032	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,390	10	48,668	10	37,946	10	27,243	10	16,529	10	5,810	10		10	10	10	10	10	10
1/4	59,166	1/4	48,445	1/4	37,723	1/4	27,021	1/4	16,306	1/4	5,587	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,943	1/2	48,221	1/2	37,500	1/2	26,798	1/2	16,082	1/2	5,364	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,720	3/4	47,998	3/4	37,276	3/4	26,575	3/4	15,859	3/4	5,142	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,496	11	47,775	11	37,053	11	26,353	11	15,635	11	4,920	11		11	11	11	11	11	11
1/4	58,273	1/4	47,551	1/4	36,829	1/4	26,130	1/4	15,412	1/4	4,698	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,050	1/2	47,328	1/2	36,606	1/2	25,907	1/2	15,189	1/2	4,476	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,826	3/4	47,104	3/4	36,383	3/4	25,684	3/4	14,965	3/4	4,255	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2015 SW
CALCULATED: 05/08/2014 CL
PRINTED: 05/08/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

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



BARGE "CBC 1381"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	170,183	0	160,855	0	148,866	0	136,852	0	124,796	0	112,740	0	100,685	0	88,628		
1/4	1/4	1/4	170,166	1/4	160,605	1/4	148,616	1/4	136,601	1/4	124,545	1/4	112,489	1/4	100,433	1/4	88,377		
1/2	1/2	1/2	170,149	1/2	160,355	1/2	148,366	1/2	136,350	1/2	124,294	1/2	112,238	1/2	100,182	1/2	88,126		
3/4	3/4	3/4	170,090	3/4	160,105	3/4	148,117	3/4	136,099	3/4	124,043	3/4	111,987	3/4	99,931	3/4	87,874		
1	1	1	170,031	1	159,856	1	147,867	1	135,847	1	123,792	1	111,736	1	99,680	1	87,623		
1/4	1/4	1/4	169,972	1/4	159,606	1/4	147,617	1/4	135,596	1/4	123,540	1/4	111,485	1/4	99,429	1/4	87,372		
1/2	1/2	1/2	169,913	1/2	159,356	1/2	147,367	1/2	135,345	1/2	123,289	1/2	111,233	1/2	99,178	1/2	87,121		
3/4	3/4	3/4	169,812	3/4	159,106	3/4	147,118	3/4	135,094	3/4	123,038	3/4	110,982	3/4	98,926	3/4	86,869		
2	2	2	169,711	2	158,857	2	146,868	2	134,843	2	122,787	2	110,731	2	98,675	2	86,618		
1/4	1/4	1/4	169,610	1/4	158,607	1/4	146,618	1/4	134,592	1/4	122,536	1/4	110,480	1/4	98,424	1/4	86,367		
1/2	1/2	1/2	169,509	1/2	158,357	1/2	146,368	1/2	134,340	1/2	122,285	1/2	110,229	1/2	98,173	1/2	86,116		
3/4	3/4	3/4	169,366	3/4	158,107	3/4	146,119	3/4	134,089	3/4	122,033	3/4	109,978	3/4	97,922	3/4	85,865		
3	3	3	169,224	3	157,858	3	145,869	3	133,838	3	121,782	3	109,726	3	97,671	3	85,613		
1/4	1/4	1/4	169,081	1/4	157,608	1/4	145,619	1/4	133,587	1/4	121,531	1/4	109,475	1/4	97,419	1/4	85,362		
1/2	1/2	1/2	168,938	1/2	157,358	1/2	145,369	1/2	133,336	1/2	121,280	1/2	109,224	1/2	97,168	1/2	85,111		
3/4	3/4	3/4	168,753	3/4	157,108	3/4	145,119	3/4	133,085	3/4	121,029	3/4	108,973	3/4	96,917	3/4	84,860		
4	4	4	168,569	4	156,859	4	144,870	4	132,833	4	120,778	4	108,722	4	96,666	4	84,609		
1/4	1/4	1/4	168,384	1/4	156,609	1/4	144,620	1/4	132,582	1/4	120,526	1/4	108,471	1/4	96,415	1/4	84,357		
1/2	1/2	1/2	168,199	1/2	156,359	1/2	144,370	1/2	132,331	1/2	120,275	1/2	108,219	1/2	96,164	1/2	84,106		
3/4	3/4	3/4	167,973	3/4	156,109	3/4	144,120	3/4	132,080	3/4	120,024	3/4	107,968	3/4	95,912	3/4	83,855		
5	5	5	167,746	5	155,859	5	143,871	5	131,829	5	119,773	5	107,717	5	95,661	5	83,604		
1/4	1/4	1/4	167,520	1/4	155,610	1/4	143,621	1/4	131,578	1/4	119,522	1/4	107,466	1/4	95,410	1/4	83,353		
1/2	1/2	1/2	167,293	1/2	155,360	1/2	143,371	1/2	131,326	1/2	119,271	1/2	107,215	1/2	95,159	1/2	83,101		
3/4	3/4	3/4	167,046	3/4	155,110	3/4	143,121	3/4	131,075	3/4	119,019	3/4	106,964	3/4	94,908	3/4	82,850		
6	6	6	166,798	6	154,860	6	142,872	6	130,824	6	118,768	6	106,712	6	94,657	6	82,599		
1/4	1/4	1/4	166,551	1/4	154,611	1/4	142,622	1/4	130,573	1/4	118,517	1/4	106,461	1/4	94,405	1/4	82,348		
1/2	1/2	1/2	166,303	1/2	154,361	1/2	142,372	1/2	130,322	1/2	118,266	1/2	106,210	1/2	94,154	1/2	82,097		
3/4	3/4	3/4	166,056	3/4	154,111	3/4	142,122	3/4	130,071	3/4	118,015	3/4	105,959	3/4	93,903	3/4	81,845		
7	7	7	165,809	7	153,861	7	141,872	7	129,819	7	117,764	7	105,708	7	93,652	7	81,594		
1/4	1/4	1/4	165,561	1/4	153,612	1/4	141,623	1/4	129,568	1/4	117,512	1/4	105,457	1/4	93,401	1/4	81,343		
1/2	1/2	1/2	165,314	1/2	153,362	1/2	141,373	1/2	129,317	1/2	117,261	1/2	105,205	1/2	93,150	1/2	81,092		
3/4	3/4	3/4	165,066	3/4	153,112	3/4	141,122	3/4	129,066	3/4	117,010	3/4	104,954	3/4	92,898	3/4	80,841		
8	8	8	164,819	8	152,862	8	140,871	8	128,815	8	116,759	8	104,703	8	92,647	8	80,589		
1/4	1/4	1/4	164,571	1/4	152,612	1/4	140,619	1/4	128,564	1/4	116,508	1/4	104,452	1/4	92,396	1/4	80,338		
1/2	1/2	1/2	164,324	1/2	152,363	1/2	140,368	1/2	128,312	1/2	116,257	1/2	104,201	1/2	92,145	1/2	80,087		
3/4	3/4	3/4	164,076	3/4	152,113	3/4	140,117	3/4	128,061	3/4	116,005	3/4	103,950	3/4	91,894	3/4	79,836		
9	9	9	163,829	9	151,863	9	139,866	9	127,810	9	115,754	9	103,698	9	91,642	9	79,585		
1/4	1/4	1/4	163,581	1/4	151,613	1/4	139,615	1/4	127,559	1/4	115,503	1/4	103,447	1/4	91,391	1/4	79,333		
1/2	1/2	1/2	163,334	1/2	151,364	1/2	139,364	1/2	127,308	1/2	115,252	1/2	103,196	1/2	91,140	1/2	79,082		
3/4	3/4	3/4	163,087	3/4	151,114	3/4	139,112	3/4	127,057	3/4	115,001	3/4	102,945	3/4	90,889	3/4	78,831		
10	10	10	162,839	10	150,864	10	138,861	10	126,806	10	114,750	10	102,694	10	90,638	10	78,580		
1/4	1/4	1/4	162,592	1/4	150,614	1/4	138,610	1/4	126,554	1/4	114,499	1/4	102,443	1/4	90,386	1/4	78,328		
1/2	1/2	1/2	162,344	1/2	150,365	1/2	138,359	1/2	126,303	1/2	114,247	1/2	102,192	1/2	90,135	1/2	78,077		
3/4	3/4	3/4	162,097	3/4	150,115	3/4	138,108	3/4	126,052	3/4	113,996	3/4	101,940	3/4	89,884	3/4	77,826		
11	11	11	161,849	11	149,865	11	137,857	11	125,801	11	113,745	11	101,689	11	89,633	11	77,575		
1/4	1/4	1/4	161,602	1/4	149,615	1/4	137,606	1/4	125,550	1/4	113,494	1/4	101,438	1/4	89,382	1/4	77,324		
1/2	1/2	170,218	161,354	1/2	149,366	1/2	137,354	1/2	125,299	1/2	113,243	1/2	101,187	1/2	89,130	1/2	77,072		
3/4	3/4	170,201	161,105	3/4	149,116	3/4	137,103	3/4	125,047	3/4	112,992	3/4	100,936	3/4	88,879	3/4	76,821		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1381"

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	76,570	0	64,512	0	52,454	0	40,396	0	28,618	0	16,574	0	4,532	0		0		0	
1/4	76,319	1/4	64,261	1/4	52,203	1/4	40,145	1/4	28,374	1/4	16,323	1/4	4,284	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,068	1/2	64,010	1/2	51,952	1/2	39,894	1/2	28,129	1/2	16,072	1/2	4,036	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,816	3/4	63,758	3/4	51,701	3/4	39,643	3/4	27,878	3/4	15,821	3/4	3,789	3/4	3/4	3/4	3/4	3/4	3/4
1	75,565	1	63,507	1	51,449	1	39,391	1	27,627	1	15,570	1	3,543	1	1	1	1	1	1
1/4	75,314	1/4	63,256	1/4	51,198	1/4	39,140	1/4	27,376	1/4	15,318	1/4	3,297	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,063	1/2	63,005	1/2	50,947	1/2	38,889	1/2	27,125	1/2	15,067	1/2	3,051	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,812	3/4	62,754	3/4	50,696	3/4	38,638	3/4	26,873	3/4	14,816	3/4	2,821	3/4	3/4	3/4	3/4	3/4	3/4
2	74,560	2	62,502	2	50,445	2	38,387	2	26,622	2	14,565	2	2,592	2	2	2	2	2	2
1/4	74,309	1/4	62,251	1/4	50,193	1/4	38,135	1/4	26,371	1/4	14,314	1/4	2,362	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,058	1/2	62,000	1/2	49,942	1/2	37,884	1/2	26,120	1/2	14,062	1/2	2,132	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,807	3/4	61,749	3/4	49,691	3/4	37,640	3/4	25,869	3/4	13,811	3/4	1,944	3/4	3/4	3/4	3/4	3/4	3/4
3	73,556	3	61,498	3	49,440	3	37,396	3	25,617	3	13,560	3	1,756	3	3	3	3	3	3
1/4	73,304	1/4	61,246	1/4	49,189	1/4	37,152	1/4	25,366	1/4	13,309	1/4	1,567	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,053	1/2	60,995	1/2	48,937	1/2	36,908	1/2	25,115	1/2	13,058	1/2	1,379	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,802	3/4	60,744	3/4	48,686	3/4	36,664	3/4	24,864	3/4	12,806	3/4	1,232	3/4	3/4	3/4	3/4	3/4	3/4
4	72,551	4	60,493	4	48,435	4	36,420	4	24,613	4	12,555	4	1,086	4	4	4	4	4	4
1/4	72,300	1/4	60,242	1/4	48,184	1/4	36,176	1/4	24,361	1/4	12,304	1/4	939	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,048	1/2	59,990	1/2	47,932	1/2	35,932	1/2	24,110	1/2	12,053	1/2	793	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,797	3/4	59,739	3/4	47,681	3/4	35,689	3/4	23,859	3/4	11,802	3/4	688	3/4	3/4	3/4	3/4	3/4	3/4
5	71,546	5	59,488	5	47,430	5	35,445	5	23,608	5	11,550	5	583	5	5	5	5	5	5
1/4	71,295	1/4	59,237	1/4	47,179	1/4	35,201	1/4	23,357	1/4	11,299	1/4	479	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,043	1/2	58,986	1/2	46,928	1/2	34,957	1/2	23,105	1/2	11,048	1/2	374	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,792	3/4	58,734	3/4	46,676	3/4	34,713	3/4	22,854	3/4	10,797	3/4	311	3/4	3/4	3/4	3/4	3/4	3/4
6	70,541	6	58,483	6	46,425	6	34,470	6	22,603	6	10,546	6	249	6	6	6	6	6	6
1/4	70,290	1/4	58,232	1/4	46,174	1/4	34,226	1/4	22,352	1/4	10,294	1/4	186	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,039	1/2	57,981	1/2	45,923	1/2	33,982	1/2	22,101	1/2	10,043	1/2	123	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,787	3/4	57,730	3/4	45,672	3/4	33,738	3/4	21,849	3/4	9,792	3/4	102	3/4	3/4	3/4	3/4	3/4	3/4
7	69,536	7	57,478	7	45,420	7	33,494	7	21,598	7	9,541	7	81	7	7	7	7	7	7
1/4	69,285	1/4	57,227	1/4	45,169	1/4	33,251	1/4	21,347	1/4	9,290	1/4	60	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69,034	1/2	56,976	1/2	44,918	1/2	33,007	1/2	21,096	1/2	9,038	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,783	3/4	56,725	3/4	44,667	3/4	32,763	3/4	20,845	3/4	8,787	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	68,531	8	56,474	8	44,416	8	32,519	8	20,593	8	8,536	8		8	8	8	8	8	8
1/4	68,280	1/4	56,222	1/4	44,164	1/4	32,275	1/4	20,342	1/4	8,285	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,029	1/2	55,971	1/2	43,913	1/2	32,032	1/2	20,091	1/2	8,034	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,778	3/4	55,720	3/4	43,662	3/4	31,788	3/4	19,840	3/4	7,783	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	67,527	9	55,469	9	43,411	9	31,544	9	19,589	9	7,532	9		9	9	9	9	9	9
1/4	67,275	1/4	55,217	1/4	43,160	1/4	31,300	1/4	19,337	1/4	7,281	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,024	1/2	54,966	1/2	42,908	1/2	31,056	1/2	19,086	1/2	7,030	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,773	3/4	54,715	3/4	42,657	3/4	30,813	3/4	18,835	3/4	6,779	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	66,522	10	54,464	10	42,406	10	30,569	10	18,584	10	6,529	10		10	10	10	10	10	10
1/4	66,271	1/4	54,213	1/4	42,155	1/4	30,325	1/4	18,333	1/4	6,278	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,019	1/2	53,961	1/2	41,904	1/2	30,081	1/2	18,081	1/2	6,028	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,768	3/4	53,710	3/4	41,652	3/4	29,837	3/4	17,830	3/4	5,778	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	65,517	11	53,459	11	41,401	11	29,594	11	17,579	11	5,529	11		11	11	11	11	11	11
1/4	65,266	1/4	53,208	1/4	41,150	1/4	29,350	1/4	17,328	1/4	5,279	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,015	1/2	52,957	1/2	40,899	1/2	29,106	1/2	17,077	1/2	5,029	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,763	3/4	52,705	3/4	40,648	3/4	28,862	3/4	16,826	3/4	4,781	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2015 SW
CALCULATED: 05/08/2014 CL
PRINTED: 05/08/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

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



BARGE "CBC 1381"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	147,403	0	139,551	0	130,119	0	120,667	0	111,201	0	100,568	0	89,791	0	79,014
1/4	1/4	1/4	1/4	1/4	147,386	1/4	139,354	1/4	129,923	1/4	120,470	1/4	111,004	1/4	100,343	1/4	89,567	1/4	78,789
1/2	1/2	1/2	1/2	1/2	147,333	1/2	139,158	1/2	129,727	1/2	120,273	1/2	110,807	1/2	100,119	1/2	89,342	1/2	78,565
3/4	3/4	3/4	3/4	3/4	147,279	3/4	138,961	3/4	129,531	3/4	120,075	3/4	110,610	3/4	99,894	3/4	89,118	3/4	78,340
1		1		1	147,226	1	138,764	1	129,335	1	119,878	1	110,413	1	99,670	1	88,893	1	78,116
1/4	1/4	1/4	1/4	1/4	147,172	1/4	138,567	1/4	129,139	1/4	119,681	1/4	110,216	1/4	99,445	1/4	88,669	1/4	77,891
1/2	1/2	1/2	1/2	1/2	147,081	1/2	138,370	1/2	128,942	1/2	119,484	1/2	109,991	1/2	99,220	1/2	88,444	1/2	77,667
3/4	3/4	3/4	3/4	3/4	146,990	3/4	138,174	3/4	128,745	3/4	119,286	3/4	109,767	3/4	98,996	3/4	88,219	3/4	77,442
2		2		2	146,899	2	137,977	2	128,548	2	119,089	2	109,543	2	98,771	2	87,995	2	77,218
1/4	1/4	1/4	1/4	1/4	146,808	1/4	137,780	1/4	128,352	1/4	118,892	1/4	109,318	1/4	98,547	1/4	87,770	1/4	76,993
1/2	1/2	1/2	1/2	1/2	146,679	1/2	137,583	1/2	128,155	1/2	118,694	1/2	109,094	1/2	98,322	1/2	87,546	1/2	76,769
3/4	3/4	3/4	3/4	3/4	146,551	3/4	137,387	3/4	127,958	3/4	118,497	3/4	108,870	3/4	98,098	3/4	87,321	3/4	76,546
3		3		3	146,422	3	137,190	3	127,761	3	118,300	3	108,646	3	97,873	3	87,097	3	76,322
1/4	1/4	1/4	1/4	1/4	146,293	1/4	136,993	1/4	127,565	1/4	118,102	1/4	108,421	1/4	97,649	1/4	86,872	1/4	76,098
1/2	1/2	1/2	1/2	1/2	146,127	1/2	136,796	1/2	127,368	1/2	117,905	1/2	108,197	1/2	97,424	1/2	86,648	1/2	75,875
3/4	3/4	3/4	3/4	3/4	145,961	3/4	136,599	3/4	127,171	3/4	117,708	3/4	107,973	3/4	97,200	3/4	86,423	3/4	75,652
4		4		4	145,795	4	136,403	4	126,974	4	117,511	4	107,749	4	96,975	4	86,199	4	75,429
1/4	1/4	1/4	1/4	1/4	145,629	1/4	136,206	1/4	126,777	1/4	117,313	1/4	107,524	1/4	96,751	1/4	85,974	1/4	75,206
1/2	1/2	1/2	1/2	1/2	145,425	1/2	136,009	1/2	126,581	1/2	117,116	1/2	107,300	1/2	96,526	1/2	85,750	1/2	74,982
3/4	3/4	3/4	3/4	3/4	145,222	3/4	135,812	3/4	126,384	3/4	116,919	3/4	107,076	3/4	96,302	3/4	85,525	3/4	74,759
5		5		5	145,018	5	135,616	5	126,187	5	116,721	5	106,852	5	96,077	5	85,301	5	74,536
1/4	1/4	1/4	1/4	1/4	144,814	1/4	135,419	1/4	125,990	1/4	116,524	1/4	106,627	1/4	95,853	1/4	85,076	1/4	74,313
1/2	1/2	1/2	1/2	1/2	144,620	1/2	135,222	1/2	125,794	1/2	116,327	1/2	106,403	1/2	95,628	1/2	84,852	1/2	74,090
3/4	3/4	3/4	3/4	3/4	144,425	3/4	135,025	3/4	125,597	3/4	116,129	3/4	106,179	3/4	95,404	3/4	84,627	3/4	73,867
6		6		6	144,230	6	134,829	6	125,400	6	115,932	6	105,955	6	95,179	6	84,403	6	73,644
1/4	1/4	1/4	1/4	1/4	144,036	1/4	134,632	1/4	125,203	1/4	115,735	1/4	105,730	1/4	94,955	1/4	84,178	1/4	73,421
1/2	1/2	1/2	1/2	1/2	143,841	1/2	134,435	1/2	125,006	1/2	115,538	1/2	105,506	1/2	94,730	1/2	83,954	1/2	73,198
3/4	3/4	3/4	3/4	3/4	143,646	3/4	134,238	3/4	124,810	3/4	115,340	3/4	105,282	3/4	94,506	3/4	83,729	3/4	72,975
7		7		7	143,451	7	134,041	7	124,613	7	115,143	7	105,057	7	94,281	7	83,505	7	72,752
1/4	1/4	1/4	1/4	1/4	143,257	1/4	133,845	1/4	124,416	1/4	114,946	1/4	104,833	1/4	94,057	1/4	83,280	1/4	72,528
1/2	1/2	1/2	1/2	1/2	143,062	1/2	133,649	1/2	124,219	1/2	114,749	1/2	104,609	1/2	93,832	1/2	83,056	1/2	72,305
3/4	3/4	3/4	3/4	3/4	142,867	3/4	133,452	3/4	124,022	3/4	114,551	3/4	104,384	3/4	93,608	3/4	82,831	3/4	72,082
8		8		8	142,673	8	133,256	8	123,824	8	114,354	8	104,160	8	93,383	8	82,607	8	71,859
1/4	1/4	1/4	1/4	1/4	142,478	1/4	133,060	1/4	123,627	1/4	114,157	1/4	103,935	1/4	93,159	1/4	82,382	1/4	71,636
1/2	1/2	1/2	1/2	1/2	142,283	1/2	132,864	1/2	123,430	1/2	113,960	1/2	103,711	1/2	92,934	1/2	82,158	1/2	71,413
3/4	3/4	3/4	3/4	3/4	142,089	3/4	132,668	3/4	123,232	3/4	113,763	3/4	103,486	3/4	92,710	3/4	81,933	3/4	71,190
9		9		9	141,894	9	132,472	9	123,035	9	113,566	9	103,262	9	92,485	9	81,708	9	70,967
1/4	1/4	1/4	1/4	1/4	141,699	1/4	132,276	1/4	122,838	1/4	113,369	1/4	103,037	1/4	92,261	1/4	81,484	1/4	70,744
1/2	1/2	1/2	1/2	1/2	141,504	1/2	132,080	1/2	122,640	1/2	113,172	1/2	102,813	1/2	92,036	1/2	81,259	1/2	70,521
3/4	3/4	3/4	3/4	3/4	141,310	3/4	131,884	3/4	122,443	3/4	112,975	3/4	102,588	3/4	91,812	3/4	81,035	3/4	70,298
10		10		10	141,115	10	131,688	10	122,246	10	112,778	10	102,364	10	91,587	10	80,810	10	70,074
1/4	1/4	1/4	1/4	1/4	140,920	1/4	131,492	1/4	122,049	1/4	112,581	1/4	102,139	1/4	91,363	1/4	80,586	1/4	69,851
1/2	1/2	1/2	1/2	1/2	140,726	1/2	131,296	1/2	121,851	1/2	112,383	1/2	101,915	1/2	91,138	1/2	80,361	1/2	69,628
3/4	3/4	3/4	3/4	3/4	140,531	3/4	131,100	3/4	121,654	3/4	112,186	3/4	101,690	3/4	90,914	3/4	80,137	3/4	69,404
11		11		11	140,336	11	130,903	11	121,457	11	111,989	11	101,466	11	90,689	11	79,912	11	69,180
1/4	1/4	1/4	1/4	1/4	140,141	1/4	130,707	1/4	121,259	1/4	111,792	1/4	101,241	1/4	90,465	1/4	79,688	1/4	68,956
1/2	1/2	1/2	1/2	1/2	140,145	1/2	130,511	1/2	121,062	1/2	111,595	1/2	101,017	1/2	90,240	1/2	79,463	1/2	68,732
3/4	3/4	3/4	3/4	3/4	140,149	3/4	130,315	3/4	120,865	3/4	111,398	3/4	100,792	3/4	90,016	3/4	79,239	3/4	68,508

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 28'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1381"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	68,284	0	57,514	0	46,741	0	35,968	0	25,397	0	14,626	0	3,842	0		0		0	
1/4	68,061	1/4	57,290	1/4	46,517	1/4	35,743	1/4	25,178	1/4	14,401	1/4	3,619	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,837	1/2	57,065	1/2	46,292	1/2	35,519	1/2	24,959	1/2	14,176	1/2	3,398	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,613	3/4	56,841	3/4	46,068	3/4	35,295	3/4	24,740	3/4	13,951	3/4	3,178	3/4	3/4	3/4	3/4	3/4	3/4
1	67,389	1	56,616	1	45,843	1	35,070	1	24,521	1	13,726	1	2,957	1	1	1	1	1	1
1/4	67,165	1/4	56,392	1/4	45,619	1/4	34,846	1/4	24,302	1/4	13,501	1/4	2,737	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,941	1/2	56,168	1/2	45,394	1/2	34,621	1/2	24,077	1/2	13,276	1/2	2,531	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,716	3/4	55,943	3/4	45,170	3/4	34,397	3/4	23,852	3/4	13,051	3/4	2,326	3/4	3/4	3/4	3/4	3/4	3/4
2	66,492	2	55,719	2	44,945	2	34,172	2	23,627	2	12,826	2	2,120	2	2	2	2	2	2
1/4	66,267	1/4	55,494	1/4	44,721	1/4	33,948	1/4	23,402	1/4	12,601	1/4	1,914	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,043	1/2	55,270	1/2	44,497	1/2	33,723	1/2	23,177	1/2	12,376	1/2	1,746	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,818	3/4	55,045	3/4	44,272	3/4	33,499	3/4	22,952	3/4	12,151	3/4	1,577	3/4	3/4	3/4	3/4	3/4	3/4
3	65,594	3	54,821	3	44,048	3	33,275	3	22,727	3	11,926	3	1,408	3	3	3	3	3	3
1/4	65,370	1/4	54,596	1/4	43,823	1/4	33,050	1/4	22,502	1/4	11,701	1/4	1,239	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,145	1/2	54,372	1/2	43,599	1/2	32,831	1/2	22,277	1/2	11,476	1/2	1,108	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,921	3/4	54,148	3/4	43,374	3/4	32,613	3/4	22,052	3/4	11,251	3/4	977	3/4	3/4	3/4	3/4	3/4	3/4
4	64,696	4	53,923	4	43,150	4	32,394	4	21,827	4	11,026	4	846	4	4	4	4	4	4
1/4	64,472	1/4	53,699	1/4	42,926	1/4	32,176	1/4	21,602	1/4	10,801	1/4	714	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,247	1/2	53,474	1/2	42,701	1/2	31,957	1/2	21,377	1/2	10,576	1/2	621	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,023	3/4	53,250	3/4	42,477	3/4	31,738	3/4	21,152	3/4	10,351	3/4	527	3/4	3/4	3/4	3/4	3/4	3/4
5	63,799	5	53,025	5	42,252	5	31,520	5	20,927	5	10,126	5	433	5	5	5	5	5	5
1/4	63,574	1/4	52,801	1/4	42,028	1/4	31,301	1/4	20,702	1/4	9,901	1/4	339	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,350	1/2	52,576	1/2	41,803	1/2	31,083	1/2	20,477	1/2	9,676	1/2	283	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,125	3/4	52,352	3/4	41,579	3/4	30,864	3/4	20,252	3/4	9,451	3/4	227	3/4	3/4	3/4	3/4	3/4	3/4
6	62,901	6	52,128	6	41,354	6	30,645	6	20,027	6	9,226	6	171	6	6	6	6	6	6
1/4	62,676	1/4	51,903	1/4	41,130	1/4	30,427	1/4	19,802	1/4	9,001	1/4	114	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,452	1/2	51,679	1/2	40,906	1/2	30,208	1/2	19,577	1/2	8,776	1/2	96	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,227	3/4	51,454	3/4	40,681	3/4	29,989	3/4	19,352	3/4	8,551	3/4	77	3/4	3/4	3/4	3/4	3/4	3/4
7	62,003	7	51,230	7	40,457	7	29,771	7	19,127	7	8,326	7	58	7	7	7	7	7	7
1/4	61,779	1/4	51,005	1/4	40,232	1/4	29,552	1/4	18,902	1/4	8,100	1/4	39	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,554	1/2	50,781	1/2	40,008	1/2	29,334	1/2	18,677	1/2	7,875	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,330	3/4	50,557	3/4	39,783	3/4	29,115	3/4	18,452	3/4	7,650	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	61,105	8	50,332	8	39,559	8	28,896	8	18,227	8	7,425	8	8	8	8	8	8	8	8
1/4	60,881	1/4	50,108	1/4	39,334	1/4	28,678	1/4	18,002	1/4	7,200	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,656	1/2	49,883	1/2	39,110	1/2	28,459	1/2	17,776	1/2	6,976	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,432	3/4	49,659	3/4	38,886	3/4	28,240	3/4	17,551	3/4	6,751	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	60,207	9	49,434	9	38,661	9	28,022	9	17,326	9	6,526	9	9	9	9	9	9	9	9
1/4	59,983	1/4	49,210	1/4	38,437	1/4	27,803	1/4	17,101	1/4	6,301	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,759	1/2	48,985	1/2	38,212	1/2	27,585	1/2	16,876	1/2	6,077	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,534	3/4	48,761	3/4	37,988	3/4	27,366	3/4	16,651	3/4	5,852	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	59,310	10	48,537	10	37,763	10	27,147	10	16,426	10	5,628	10	10	10	10	10	10	10	10
1/4	59,085	1/4	48,312	1/4	37,539	1/4	26,929	1/4	16,201	1/4	5,404	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,861	1/2	48,088	1/2	37,314	1/2	26,710	1/2	15,976	1/2	5,180	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,636	3/4	47,863	3/4	37,090	3/4	26,491	3/4	15,751	3/4	4,956	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	58,412	11	47,639	11	36,866	11	26,273	11	15,526	11	4,733	11	11	11	11	11	11	11	11
1/4	58,187	1/4	47,414	1/4	36,641	1/4	26,054	1/4	15,301	1/4	4,509	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	57,963	1/2	47,190	1/2	36,417	1/2	25,835	1/2	15,076	1/2	4,287	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	57,739	3/4	46,965	3/4	36,192	3/4	25,616	3/4	14,851	3/4	4,064	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 05/08/2014 CL
PRINTED: 05/08/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2015

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