



BARGE "CBC 209"

INNAGE

	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	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
3 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
3 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
4 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2

(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 2 PORT IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 150'-09"

December 22, 2015

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

<http://www.pmacorp.net>



BARGE "CBC 209"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	40	0	11,190	0	24,986	0	38,538	0	52,267	0	66,064	0	79,861	0	93,659	0	107,456	0	121,253
1/4	83	1/4	11,477	1/4	25,274	1/4	38,819	1/4	52,554	1/4	66,351	1/4	80,149	1/4	93,946	1/4	107,743	1/4	121,541
1/2	126	1/2	11,765	1/2	25,561	1/2	39,100	1/2	52,841	1/2	66,639	1/2	80,436	1/2	94,233	1/2	108,031	1/2	121,828
3/4	169	3/4	12,052	3/4	25,849	3/4	39,380	3/4	53,129	3/4	66,926	3/4	80,724	3/4	94,521	3/4	108,318	3/4	122,116
1	212	1	12,340	1	26,136	1	39,661	1	53,416	1	67,214	1	81,011	1	94,808	1	108,606	1	122,403
1/4	313	1/4	12,627	1/4	26,424	1/4	39,943	1/4	53,704	1/4	67,501	1/4	81,298	1/4	95,096	1/4	108,893	1/4	122,691
1/2	413	1/2	12,915	1/2	26,711	1/2	40,224	1/2	53,991	1/2	67,789	1/2	81,586	1/2	95,383	1/2	109,181	1/2	122,978
3/4	514	3/4	13,202	3/4	26,998	3/4	40,505	3/4	54,279	3/4	68,076	3/4	81,873	3/4	95,671	3/4	109,468	3/4	123,265
2	615	2	13,489	2	27,286	2	40,787	2	54,566	2	68,363	2	82,161	2	95,958	2	109,756	2	123,553
1/4	773	1/4	13,777	1/4	27,572	1/4	41,070	1/4	54,854	1/4	68,651	1/4	82,448	1/4	96,246	1/4	110,043	1/4	123,840
1/2	931	1/2	14,064	1/2	27,858	1/2	41,353	1/2	55,141	1/2	68,938	1/2	82,736	1/2	96,533	1/2	110,330	1/2	124,128
3/4	1,089	3/4	14,352	3/4	28,144	3/4	41,636	3/4	55,428	3/4	69,226	3/4	83,023	3/4	96,821	3/4	110,618	3/4	124,415
3	1,247	3	14,639	3	28,430	3	41,919	3	55,716	3	69,513	3	83,311	3	97,108	3	110,905	3	124,703
1/4	1,463	1/4	14,927	1/4	28,711	1/4	42,206	1/4	56,003	1/4	69,801	1/4	83,598	1/4	97,395	1/4	111,193	1/4	124,990
1/2	1,678	1/2	15,214	1/2	28,992	1/2	42,493	1/2	56,291	1/2	70,088	1/2	83,885	1/2	97,683	1/2	111,480	1/2	125,278
3/4	1,894	3/4	15,501	3/4	29,274	3/4	42,781	3/4	56,578	3/4	70,376	3/4	84,173	3/4	97,970	3/4	111,768	3/4	125,565
4	2,109	4	15,789	4	29,555	4	43,068	4	56,866	4	70,663	4	84,460	4	98,258	4	112,055	4	125,852
1/4	2,374	1/4	16,076	1/4	29,836	1/4	43,356	1/4	57,153	1/4	70,950	1/4	84,748	1/4	98,545	1/4	112,343	1/4	126,140
1/2	2,639	1/2	16,364	1/2	30,117	1/2	43,643	1/2	57,441	1/2	71,238	1/2	85,035	1/2	98,833	1/2	112,630	1/2	126,427
3/4	2,903	3/4	16,651	3/4	30,399	3/4	43,931	3/4	57,728	3/4	71,525	3/4	85,323	3/4	99,120	3/4	112,917	3/4	126,715
5	3,168	5	16,939	5	30,680	5	44,218	5	58,015	5	71,813	5	85,610	5	99,408	5	113,205	5	127,002
1/4	3,452	1/4	17,226	1/4	30,961	1/4	44,506	1/4	58,303	1/4	72,100	1/4	85,898	1/4	99,695	1/4	113,492	1/4	127,290
1/2	3,737	1/2	17,513	1/2	31,241	1/2	44,793	1/2	58,590	1/2	72,388	1/2	86,185	1/2	99,982	1/2	113,780	1/2	127,577
3/4	4,021	3/4	17,801	3/4	31,522	3/4	45,080	3/4	58,878	3/4	72,675	3/4	86,472	3/4	100,270	3/4	114,067	3/4	127,865
6	4,305	6	18,088	6	31,802	6	45,368	6	59,165	6	72,963	6	86,760	6	100,557	6	114,355	6	128,152
1/4	4,591	1/4	18,376	1/4	32,083	1/4	45,655	1/4	59,453	1/4	73,250	1/4	87,047	1/4	100,845	1/4	114,642	1/4	128,439
1/2	4,876	1/2	18,663	1/2	32,364	1/2	45,943	1/2	59,740	1/2	73,537	1/2	87,335	1/2	101,132	1/2	114,930	1/2	128,727
3/4	5,162	3/4	18,951	3/4	32,644	3/4	46,230	3/4	60,028	3/4	73,825	3/4	87,622	3/4	101,420	3/4	115,217	3/4	129,014
7	5,448	7	19,238	7	32,925	7	46,518	7	60,315	7	74,112	7	87,910	7	101,707	7	115,504	7	129,302
1/4	5,734	1/4	19,525	1/4	33,206	1/4	46,805	1/4	60,602	1/4	74,400	1/4	88,197	1/4	101,995	1/4	115,792	1/4	129,589
1/2	6,021	1/2	19,813	1/2	33,486	1/2	47,093	1/2	60,890	1/2	74,687	1/2	88,485	1/2	102,282	1/2	116,079	1/2	129,877
3/4	6,307	3/4	20,100	3/4	33,767	3/4	47,380	3/4	61,177	3/4	74,975	3/4	88,772	3/4	102,569	3/4	116,367	3/4	130,164
8	6,594	8	20,388	8	34,048	8	47,667	8	61,465	8	75,262	8	89,059	8	102,857	8	116,654	8	130,452
1/4	6,881	1/4	20,675	1/4	34,328	1/4	47,955	1/4	61,752	1/4	75,550	1/4	89,347	1/4	103,144	1/4	116,942	1/4	130,739
1/2	7,168	1/2	20,963	1/2	34,609	1/2	48,242	1/2	62,040	1/2	75,837	1/2	89,634	1/2	103,432	1/2	117,229	1/2	131,026
3/4	7,455	3/4	21,250	3/4	34,890	3/4	48,530	3/4	62,327	3/4	76,124	3/4	89,922	3/4	103,719	3/4	117,517	3/4	131,314
9	7,742	9	21,537	9	35,170	9	48,817	9	62,615	9	76,412	9	90,209	9	104,007	9	117,804	9	131,601
1/4	8,029	1/4	21,825	1/4	35,451	1/4	49,105	1/4	62,902	1/4	76,699	1/4	90,497	1/4	104,294	1/4	118,091	1/4	131,889
1/2	8,316	1/2	22,112	1/2	35,731	1/2	49,392	1/2	63,189	1/2	76,987	1/2	90,784	1/2	104,582	1/2	118,379	1/2	132,176
3/4	8,603	3/4	22,400	3/4	36,012	3/4	49,680	3/4	63,477	3/4	77,274	3/4	91,072	3/4	104,869	3/4	118,666	3/4	132,464
10	8,891	10	22,687	10	36,293	10	49,967	10	63,764	10	77,562	10	91,359	10	105,156	10	118,954	10	132,751
1/4	9,178	1/4	22,974	1/4	36,573	1/4	50,254	1/4	64,052	1/4	77,849	1/4	91,646	1/4	105,444	1/4	119,241	1/4	133,039
1/2	9,465	1/2	23,262	1/2	36,854	1/2	50,542	1/2	64,339	1/2	78,137	1/2	91,934	1/2	105,731	1/2	119,529	1/2	133,326
3/4	9,753	3/4	23,549	3/4	37,135	3/4	50,829	3/4	64,627	3/4	78,424	3/4	92,221	3/4	106,019	3/4	119,816	3/4	133,613
11	10,040	11	23,837	11	37,415	11	51,117	11	64,914	11	78,711	11	92,509	11	106,306	11	120,104	11	133,901
1/4	10,328	1/4	24,124	1/4	37,696	1/4	51,404	1/4	65,202	1/4	78,999	1/4	92,796	1/4	106,594	1/4	120,391	1/4	134,188
1/2	10,615	1/2	24,412	1/2	37,977	1/2	51,692	1/2	65,489	1/2	79,286	1/2	93,084	1/2	106,881	1/2	120,678	1/2	134,476
3/4	10,903	3/4	24,699	3/4	38,257	3/4	51,979	3/4	65,776	3/4	79,574	3/4	93,371	3/4	107,169	3/4	120,966	3/4	134,763

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 2'-00" OFF CENTERLINE AND 19'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "CBC 209"

4 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	135,051	0	148,848	0	162,644	0	176,410	0		0		0		0		0		0	
1/4	135,338	1/4	149,135	1/4	162,931	1/4	176,654	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	135,626	1/2	149,423	1/2	163,219	1/2	176,898	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	135,913	3/4	149,710	3/4	163,506	3/4	177,142	3/4		3/4		3/4		3/4		3/4		3/4	
1	136,200	1	149,998	1	163,794	1	177,387	1		1		1		1		1		1	
1/4	136,488	1/4	150,285	1/4	164,081	1/4	177,574	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136,775	1/2	150,573	1/2	164,368	1/2	177,760	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	137,063	3/4	150,860	3/4	164,656	3/4	177,947	3/4		3/4		3/4		3/4		3/4		3/4	
2	137,350	2	151,148	2	164,943	2	178,134	2		2		2		2		2		2	
1/4	137,638	1/4	151,435	1/4	165,231	1/4	178,263	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137,925	1/2	151,722	1/2	165,518	1/2	178,392	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	138,213	3/4	152,010	3/4	165,805	3/4	178,522	3/4		3/4		3/4		3/4		3/4		3/4	
3	138,500	3	152,297	3	166,093	3	178,651	3		3		3		3		3		3	
1/4	138,787	1/4	152,585	1/4	166,380	1/4	178,723	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	139,075	1/2	152,872	1/2	166,667	1/2	178,795	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139,362	3/4	153,160	3/4	166,955	3/4	178,866	3/4		3/4		3/4		3/4		3/4		3/4	
4	139,650	4	153,447	4	167,242	4	178,938	4		4		4		4		4		4	
1/4	139,937	1/4	153,735	1/4	167,530	1/4	178,967	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	140,225	1/2	154,022	1/2	167,817	1/2	178,996	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	140,512	3/4	154,310	3/4	168,104	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	140,800	5	154,597	5	168,392	5		5		5		5		5		5		5	
1/4	141,087	1/4	154,884	1/4	168,679	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	141,374	1/2	155,172	1/2	168,966	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	141,662	3/4	155,459	3/4	169,254	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	141,949	6	155,747	6	169,541	6		6		6		6		6		6		6	
1/4	142,237	1/4	156,034	1/4	169,829	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	142,524	1/2	156,322	1/2	170,116	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	142,812	3/4	156,609	3/4	170,403	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	143,099	7	156,896	7	170,691	7		7		7		7		7		7		7	
1/4	143,387	1/4	157,184	1/4	170,978	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	143,674	1/2	157,471	1/2	171,266	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	143,961	3/4	157,759	3/4	171,553	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	144,249	8	158,046	8	171,840	8		8		8		8		8		8		8	
1/4	144,536	1/4	158,333	1/4	172,128	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	144,824	1/2	158,621	1/2	172,415	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	145,111	3/4	158,908	3/4	172,702	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	145,399	9	159,195	9	172,990	9		9		9		9		9		9		9	
1/4	145,686	1/4	159,483	1/4	173,277	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	145,974	1/2	159,770	1/2	173,565	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	146,261	3/4	160,058	3/4	173,852	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	146,548	10	160,345	10	174,139	10		10		10		10		10		10		10	
1/4	146,836	1/4	160,632	1/4	174,427	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	147,123	1/2	160,920	1/2	174,714	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	147,411	3/4	161,207	3/4	175,002	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	147,698	11	161,495	11	175,289	11		11		11		11		11		11		11	
1/4	147,986	1/4	161,782	1/4	175,569	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	148,273	1/2	162,069	1/2	175,849	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	148,561	3/4	162,357	3/4	176,129	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 209"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	379	0	6,785	0	13,573	0	20,338	0	27,128	0	33,917	0	40,707	0	47,496	0	54,286	0	61,075
1/4	464	1/4	6,926	1/4	13,715	1/4	20,480	1/4	27,269	1/4	34,059	1/4	40,848	1/4	47,638	1/4	54,427	1/4	61,217
1/2	548	1/2	7,067	1/2	13,856	1/2	20,621	1/2	27,411	1/2	34,200	1/2	40,990	1/2	47,779	1/2	54,569	1/2	61,358
3/4	633	3/4	7,209	3/4	13,998	3/4	20,763	3/4	27,552	3/4	34,342	3/4	41,131	3/4	47,921	3/4	54,710	3/4	61,500
1	718	1	7,350	1	14,139	1	20,904	1	27,694	1	34,483	1	41,273	1	48,062	1	54,852	1	61,641
1/4	831	1/4	7,492	1/4	14,280	1/4	21,046	1/4	27,835	1/4	34,625	1/4	41,414	1/4	48,204	1/4	54,993	1/4	61,783
1/2	944	1/2	7,633	1/2	14,422	1/2	21,187	1/2	27,977	1/2	34,766	1/2	41,556	1/2	48,345	1/2	55,135	1/2	61,924
3/4	1,057	3/4	7,775	3/4	14,563	3/4	21,329	3/4	28,118	3/4	34,908	3/4	41,697	3/4	48,487	3/4	55,276	3/4	62,066
2	1,171	2	7,916	2	14,705	2	21,470	2	28,259	2	35,049	2	41,838	2	48,628	2	55,417	2	62,207
1/4	1,304	1/4	8,057	1/4	14,846	1/4	21,611	1/4	28,401	1/4	35,190	1/4	41,980	1/4	48,769	1/4	55,559	1/4	62,348
1/2	1,437	1/2	8,199	1/2	14,987	1/2	21,753	1/2	28,542	1/2	35,332	1/2	42,121	1/2	48,911	1/2	55,700	1/2	62,490
3/4	1,571	3/4	8,340	3/4	15,128	3/4	21,894	3/4	28,684	3/4	35,473	3/4	42,263	3/4	49,052	3/4	55,842	3/4	62,631
3	1,704	3	8,482	3	15,269	3	22,036	3	28,825	3	35,615	3	42,404	3	49,194	3	55,983	3	62,773
1/4	1,844	1/4	8,623	1/4	15,410	1/4	22,177	1/4	28,967	1/4	35,756	1/4	42,546	1/4	49,335	1/4	56,125	1/4	62,914
1/2	1,984	1/2	8,765	1/2	15,550	1/2	22,319	1/2	29,108	1/2	35,898	1/2	42,687	1/2	49,477	1/2	56,266	1/2	63,056
3/4	2,124	3/4	8,906	3/4	15,691	3/4	22,460	3/4	29,250	3/4	36,039	3/4	42,829	3/4	49,618	3/4	56,408	3/4	63,197
4	2,264	4	9,047	4	15,832	4	22,602	4	29,391	4	36,181	4	42,970	4	49,760	4	56,549	4	63,339
1/4	2,405	1/4	9,189	1/4	15,972	1/4	22,743	1/4	29,533	1/4	36,322	1/4	43,112	1/4	49,901	1/4	56,691	1/4	63,480
1/2	2,546	1/2	9,330	1/2	16,113	1/2	22,884	1/2	29,674	1/2	36,463	1/2	43,253	1/2	50,042	1/2	56,832	1/2	63,621
3/4	2,686	3/4	9,472	3/4	16,254	3/4	23,026	3/4	29,815	3/4	36,605	3/4	43,394	3/4	50,184	3/4	56,973	3/4	63,763
5	2,827	5	9,613	5	16,394	5	23,167	5	29,957	5	36,746	5	43,536	5	50,325	5	57,115	5	63,904
1/4	2,968	1/4	9,755	1/4	16,535	1/4	23,309	1/4	30,098	1/4	36,888	1/4	43,677	1/4	50,467	1/4	57,256	1/4	64,046
1/2	3,109	1/2	9,896	1/2	16,676	1/2	23,450	1/2	30,240	1/2	37,029	1/2	43,819	1/2	50,608	1/2	57,398	1/2	64,187
3/4	3,250	3/4	10,037	3/4	16,817	3/4	23,592	3/4	30,381	3/4	37,171	3/4	43,960	3/4	50,750	3/4	57,539	3/4	64,329
6	3,391	6	10,179	6	16,957	6	23,733	6	30,523	6	37,312	6	44,102	6	50,891	6	57,681	6	64,470
1/4	3,532	1/4	10,320	1/4	17,098	1/4	23,875	1/4	30,664	1/4	37,454	1/4	44,243	1/4	51,033	1/4	57,822	1/4	64,612
1/2	3,674	1/2	10,462	1/2	17,239	1/2	24,016	1/2	30,806	1/2	37,595	1/2	44,385	1/2	51,174	1/2	57,964	1/2	64,753
3/4	3,815	3/4	10,603	3/4	17,379	3/4	24,157	3/4	30,947	3/4	37,736	3/4	44,526	3/4	51,315	3/4	58,105	3/4	64,895
7	3,956	7	10,745	7	17,520	7	24,299	7	31,088	7	37,878	7	44,667	7	51,457	7	58,246	7	65,036
1/4	4,098	1/4	10,886	1/4	17,661	1/4	24,440	1/4	31,230	1/4	38,019	1/4	44,809	1/4	51,598	1/4	58,388	1/4	65,177
1/2	4,239	1/2	11,027	1/2	17,801	1/2	24,582	1/2	31,371	1/2	38,161	1/2	44,950	1/2	51,740	1/2	58,529	1/2	65,319
3/4	4,380	3/4	11,169	3/4	17,942	3/4	24,723	3/4	31,513	3/4	38,302	3/4	45,092	3/4	51,881	3/4	58,671	3/4	65,460
8	4,522	8	11,310	8	18,083	8	24,865	8	31,654	8	38,444	8	45,233	8	52,023	8	58,812	8	65,602
1/4	4,663	1/4	11,452	1/4	18,223	1/4	25,006	1/4	31,796	1/4	38,585	1/4	45,375	1/4	52,164	1/4	58,954	1/4	65,743
1/2	4,805	1/2	11,593	1/2	18,364	1/2	25,148	1/2	31,937	1/2	38,727	1/2	45,516	1/2	52,306	1/2	59,095	1/2	65,885
3/4	4,946	3/4	11,735	3/4	18,505	3/4	25,289	3/4	32,079	3/4	38,868	3/4	45,658	3/4	52,447	3/4	59,237	3/4	66,026
9	5,087	9	11,876	9	18,646	9	25,431	9	32,220	9	39,010	9	45,799	9	52,589	9	59,378	9	66,168
1/4	5,229	1/4	12,018	1/4	18,786	1/4	25,572	1/4	32,361	1/4	39,151	1/4	45,940	1/4	52,730	1/4	59,519	1/4	66,309
1/2	5,370	1/2	12,159	1/2	18,927	1/2	25,713	1/2	32,503	1/2	39,292	1/2	46,082	1/2	52,871	1/2	59,661	1/2	66,450
3/4	5,512	3/4	12,300	3/4	19,068	3/4	25,855	3/4	32,644	3/4	39,434	3/4	46,223	3/4	53,013	3/4	59,802	3/4	66,592
10	5,653	10	12,442	10	19,208	10	25,996	10	32,786	10	39,575	10	46,365	10	53,154	10	59,944	10	66,733
1/4	5,795	1/4	12,583	1/4	19,349	1/4	26,138	1/4	32,927	1/4	39,717	1/4	46,506	1/4	53,296	1/4	60,085	1/4	66,875
1/2	5,936	1/2	12,725	1/2	19,490	1/2	26,279	1/2	33,069	1/2	39,858	1/2	46,648	1/2	53,437	1/2	60,227	1/2	67,016
3/4	6,077	3/4	12,866	3/4	19,632	3/4	26,421	3/4	33,210	3/4	40,000	3/4	46,789	3/4	53,579	3/4	60,368	3/4	67,158
11	6,219	11	13,008	11	19,773	11	26,562	11	33,352	11	40,141	11	46,931	11	53,720	11	60,510	11	67,299
1/4	6,360	1/4	13,149	1/4	19,914	1/4	26,704	1/4	33,493	1/4	40,283	1/4	47,072	1/4	53,862	1/4	60,651	1/4	67,441
1/2	6,502	1/2	13,290	1/2	20,055	1/2	26,845	1/2	33,634	1/2	40,424	1/2	47,214	1/2	54,003	1/2	60,793	1/2	67,582
3/4	6,643	3/4	13,432	3/4	20,197	3/4	26,986	3/4	33,776	3/4	40,565	3/4	47,355	3/4	54,144	3/4	60,934	3/4	67,723

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 11'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 209"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	67,865	0	74,654	0	81,444	0	87,866	0		0		0		0		0		0	
1/4	68,006	1/4	74,796	1/4	81,585	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	68,148	1/2	74,937	1/2	81,727	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	68,289	3/4	75,079	3/4	81,868	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	68,431	1	75,220	1	82,010	1		1		1		1		1		1		1	
1/4	68,572	1/4	75,362	1/4	82,151	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	68,714	1/2	75,503	1/2	82,293	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	68,855	3/4	75,645	3/4	82,434	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	68,996	2	75,786	2	82,576	2		2		2		2		2		2		2	
1/4	69,138	1/4	75,927	1/4	82,717	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69,279	1/2	76,069	1/2	82,858	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69,421	3/4	76,210	3/4	83,000	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	69,562	3	76,352	3	83,141	3		3		3		3		3		3		3	
1/4	69,704	1/4	76,493	1/4	83,283	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69,845	1/2	76,635	1/2	83,424	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69,987	3/4	76,776	3/4	83,566	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	70,128	4	76,918	4	83,707	4		4		4		4		4		4		4	
1/4	70,270	1/4	77,059	1/4	83,849	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70,411	1/2	77,200	1/2	83,990	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70,552	3/4	77,342	3/4	84,131	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	70,694	5	77,483	5	84,273	5		5		5		5		5		5		5	
1/4	70,835	1/4	77,625	1/4	84,414	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70,977	1/2	77,766	1/2	84,556	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,118	3/4	77,908	3/4	84,697	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	71,260	6	78,049	6	84,839	6		6		6		6		6		6		6	
1/4	71,401	1/4	78,191	1/4	84,980	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71,543	1/2	78,332	1/2	85,122	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,684	3/4	78,474	3/4	85,263	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	71,825	7	78,615	7	85,404	7		7		7		7		7		7		7	
1/4	71,967	1/4	78,756	1/4	85,546	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,108	1/2	78,898	1/2	85,687	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72,250	3/4	79,039	3/4	85,829	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	72,391	8	79,181	8	85,970	8		8		8		8		8		8		8	
1/4	72,533	1/4	79,322	1/4	86,112	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,674	1/2	79,464	1/2	86,253	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72,816	3/4	79,605	3/4	86,395	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	72,957	9	79,747	9	86,536	9		9		9		9		9		9		9	
1/4	73,098	1/4	79,888	1/4	86,670	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73,240	1/2	80,029	1/2	86,805	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73,381	3/4	80,171	3/4	86,939	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	73,523	10	80,312	10	87,074	10		10		10		10		10		10		10	
1/4	73,664	1/4	80,454	1/4	87,187	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73,806	1/2	80,595	1/2	87,300	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73,947	3/4	80,737	3/4	87,413	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	74,089	11	80,878	11	87,526	11		11		11		11		11		11		11	
1/4	74,230	1/4	81,020	1/4	87,611	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74,372	1/2	81,161	1/2	87,696	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74,513	3/4	81,302	3/4	87,781	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 209"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	524	0	7,126	0	13,970	0	20,502	0	27,348	0	34,193	0	41,038	0	47,883	0	54,729	0	61,574
1/4	624	1/4	7,268	1/4	14,106	1/4	20,645	1/4	27,490	1/4	34,335	1/4	41,181	1/4	48,026	1/4	54,871	1/4	61,716
1/2	724	1/2	7,411	1/2	14,243	1/2	20,788	1/2	27,633	1/2	34,478	1/2	41,323	1/2	48,169	1/2	55,014	1/2	61,859
3/4	824	3/4	7,553	3/4	14,380	3/4	20,930	3/4	27,775	3/4	34,621	3/4	41,466	3/4	48,311	3/4	55,156	3/4	62,002
1	924	1	7,696	1	14,516	1	21,073	1	27,918	1	34,763	1	41,609	1	48,454	1	55,299	1	62,144
1/4	1,052	1/4	7,839	1/4	14,653	1/4	21,215	1/4	28,061	1/4	34,906	1/4	41,751	1/4	48,596	1/4	55,442	1/4	62,287
1/2	1,180	1/2	7,981	1/2	14,789	1/2	21,358	1/2	28,203	1/2	35,048	1/2	41,894	1/2	48,739	1/2	55,584	1/2	62,430
3/4	1,308	3/4	8,124	3/4	14,926	3/4	21,501	3/4	28,346	3/4	35,191	3/4	42,036	3/4	48,882	3/4	55,727	3/4	62,572
2	1,437	2	8,266	2	15,063	2	21,643	2	28,488	2	35,334	2	42,179	2	49,024	2	55,869	2	62,715
1/4	1,577	1/4	8,409	1/4	15,198	1/4	21,786	1/4	28,631	1/4	35,476	1/4	42,322	1/4	49,167	1/4	56,012	1/4	62,857
1/2	1,718	1/2	8,551	1/2	15,334	1/2	21,928	1/2	28,774	1/2	35,619	1/2	42,464	1/2	49,309	1/2	56,155	1/2	63,000
3/4	1,859	3/4	8,694	3/4	15,470	3/4	22,071	3/4	28,916	3/4	35,762	3/4	42,607	3/4	49,452	3/4	56,297	3/4	63,143
3	2,000	3	8,837	3	15,606	3	22,214	3	29,059	3	35,904	3	42,749	3	49,595	3	56,440	3	63,285
1/4	2,141	1/4	8,979	1/4	15,742	1/4	22,356	1/4	29,201	1/4	36,047	1/4	42,892	1/4	49,737	1/4	56,583	1/4	63,428
1/2	2,283	1/2	9,122	1/2	15,878	1/2	22,499	1/2	29,344	1/2	36,189	1/2	43,035	1/2	49,880	1/2	56,725	1/2	63,570
3/4	2,425	3/4	9,264	3/4	16,013	3/4	22,641	3/4	29,487	3/4	36,332	3/4	43,177	3/4	50,023	3/4	56,868	3/4	63,713
4	2,566	4	9,407	4	16,149	4	22,784	4	29,629	4	36,475	4	43,320	4	50,165	4	57,010	4	63,856
1/4	2,708	1/4	9,550	1/4	16,285	1/4	22,927	1/4	29,772	1/4	36,617	1/4	43,462	1/4	50,308	1/4	57,153	1/4	63,998
1/2	2,850	1/2	9,692	1/2	16,421	1/2	23,069	1/2	29,915	1/2	36,760	1/2	43,605	1/2	50,450	1/2	57,296	1/2	64,141
3/4	2,992	3/4	9,835	3/4	16,557	3/4	23,212	3/4	30,057	3/4	36,902	3/4	43,748	3/4	50,593	3/4	57,438	3/4	64,283
5	3,134	5	9,977	5	16,693	5	23,355	5	30,200	5	37,045	5	43,890	5	50,736	5	57,581	5	64,426
1/4	3,277	1/4	10,120	1/4	16,829	1/4	23,497	1/4	30,342	1/4	37,188	1/4	44,033	1/4	50,878	1/4	57,723	1/4	64,569
1/2	3,419	1/2	10,263	1/2	16,964	1/2	23,640	1/2	30,485	1/2	37,330	1/2	44,176	1/2	51,021	1/2	57,866	1/2	64,711
3/4	3,561	3/4	10,405	3/4	17,100	3/4	23,782	3/4	30,628	3/4	37,473	3/4	44,318	3/4	51,163	3/4	58,009	3/4	64,854
6	3,704	6	10,548	6	17,236	6	23,925	6	30,770	6	37,615	6	44,461	6	51,306	6	58,151	6	64,997
1/4	3,846	1/4	10,690	1/4	17,372	1/4	24,068	1/4	30,913	1/4	37,758	1/4	44,603	1/4	51,449	1/4	58,294	1/4	65,139
1/2	3,989	1/2	10,833	1/2	17,508	1/2	24,210	1/2	31,055	1/2	37,901	1/2	44,746	1/2	51,591	1/2	58,436	1/2	65,282
3/4	4,131	3/4	10,976	3/4	17,644	3/4	24,353	3/4	31,198	3/4	38,043	3/4	44,889	3/4	51,734	3/4	58,579	3/4	65,424
7	4,274	7	11,118	7	17,779	7	24,495	7	31,341	7	38,186	7	45,031	7	51,876	7	58,722	7	65,567
1/4	4,416	1/4	11,261	1/4	17,915	1/4	24,638	1/4	31,483	1/4	38,329	1/4	45,174	1/4	52,019	1/4	58,864	1/4	65,710
1/2	4,559	1/2	11,403	1/2	18,051	1/2	24,781	1/2	31,626	1/2	38,471	1/2	45,316	1/2	52,162	1/2	59,007	1/2	65,852
3/4	4,702	3/4	11,546	3/4	18,187	3/4	24,923	3/4	31,768	3/4	38,614	3/4	45,459	3/4	52,304	3/4	59,150	3/4	65,995
8	4,844	8	11,688	8	18,323	8	25,066	8	31,911	8	38,756	8	45,602	8	52,447	8	59,292	8	66,137
1/4	4,987	1/4	11,831	1/4	18,459	1/4	25,208	1/4	32,054	1/4	38,899	1/4	45,744	1/4	52,589	1/4	59,435	1/4	66,280
1/2	5,129	1/2	11,974	1/2	18,594	1/2	25,351	1/2	32,196	1/2	39,042	1/2	45,887	1/2	52,732	1/2	59,577	1/2	66,423
3/4	5,272	3/4	12,116	3/4	18,730	3/4	25,494	3/4	32,339	3/4	39,184	3/4	46,029	3/4	52,875	3/4	59,720	3/4	66,565
9	5,414	9	12,259	9	18,866	9	25,636	9	32,482	9	39,327	9	46,172	9	53,017	9	59,863	9	66,708
1/4	5,557	1/4	12,401	1/4	19,002	1/4	25,779	1/4	32,624	1/4	39,469	1/4	46,315	1/4	53,160	1/4	60,005	1/4	66,850
1/2	5,700	1/2	12,544	1/2	19,138	1/2	25,921	1/2	32,767	1/2	39,612	1/2	46,457	1/2	53,303	1/2	60,148	1/2	66,993
3/4	5,842	3/4	12,687	3/4	19,274	3/4	26,064	3/4	32,909	3/4	39,755	3/4	46,600	3/4	53,445	3/4	60,290	3/4	67,136
10	5,985	10	12,829	10	19,410	10	26,207	10	33,052	10	39,897	10	46,742	10	53,588	10	60,433	10	67,278
1/4	6,127	1/4	12,972	1/4	19,546	1/4	26,349	1/4	33,195	1/4	40,040	1/4	46,885	1/4	53,730	1/4	60,576	1/4	67,421
1/2	6,270	1/2	13,114	1/2	19,683	1/2	26,492	1/2	33,337	1/2	40,182	1/2	47,028	1/2	53,873	1/2	60,718	1/2	67,563
3/4	6,413	3/4	13,257	3/4	19,819	3/4	26,635	3/4	33,480	3/4	40,325	3/4	47,170	3/4	54,016	3/4	60,861	3/4	67,706
11	6,555	11	13,400	11	19,956	11	26,777	11	33,622	11	40,468	11	47,313	11	54,158	11	61,003	11	67,849
1/4	6,698	1/4	13,542	1/4	20,093	1/4	26,920	1/4	33,765	1/4	40,610	1/4	47,456	1/4	54,301	1/4	61,146	1/4	67,991
1/2	6,840	1/2	13,685	1/2	20,229	1/2	27,062	1/2	33,908	1/2	40,753	1/2	47,598	1/2	54,443	1/2	61,289	1/2	68,134
3/4	6,983	3/4	13,827	3/4	20,366	3/4	27,205	3/4	34,050	3/4	40,895	3/4	47,741	3/4	54,586	3/4	61,431	3/4	68,277

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 13'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "CBC 209"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	68,419	0	75,264	0	82,110	0		0		0		0		0		0		0	
1/4	68,562	1/4	75,407	1/4	82,252	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	68,704	1/2	75,550	1/2	82,395	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	68,847	3/4	75,692	3/4	82,537	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	68,990	1	75,835	1	82,680	1		1		1		1		1		1		1	
1/4	69,132	1/4	75,977	1/4	82,823	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69,275	1/2	76,120	1/2	82,965	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69,417	3/4	76,263	3/4	83,108	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	69,560	2	76,405	2	83,251	2		2		2		2		2		2		2	
1/4	69,703	1/4	76,548	1/4	83,393	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69,845	1/2	76,690	1/2	83,536	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69,988	3/4	76,833	3/4	83,678	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	70,130	3	76,976	3	83,821	3		3		3		3		3		3		3	
1/4	70,273	1/4	77,118	1/4	83,964	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70,416	1/2	77,261	1/2	84,106	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70,558	3/4	77,404	3/4	84,249	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	70,701	4	77,546	4	84,391	4		4		4		4		4		4		4	
1/4	70,844	1/4	77,689	1/4	84,534	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70,986	1/2	77,831	1/2	84,677	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,129	3/4	77,974	3/4	84,819	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	71,271	5	78,117	5	84,962	5		5		5		5		5		5		5	
1/4	71,414	1/4	78,259	1/4	85,104	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71,557	1/2	78,402	1/2	85,247	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,699	3/4	78,544	3/4	85,390	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	71,842	6	78,687	6	85,532	6		6		6		6		6		6		6	
1/4	71,984	1/4	78,830	1/4	85,675	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,127	1/2	78,972	1/2	85,818	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72,270	3/4	79,115	3/4	85,960	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	72,412	7	79,257	7	86,103	7		7		7		7		7		7		7	
1/4	72,555	1/4	79,400	1/4	86,245	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,697	1/2	79,543	1/2	86,388	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72,840	3/4	79,685	3/4	86,531	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	72,983	8	79,828	8	86,673	8		8		8		8		8		8		8	
1/4	73,125	1/4	79,971	1/4	86,816	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73,268	1/2	80,113	1/2	86,958	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73,410	3/4	80,256	3/4	87,101	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	73,553	9	80,398	9	87,244	9		9		9		9		9		9		9	
1/4	73,696	1/4	80,541	1/4	87,372	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73,838	1/2	80,684	1/2	87,500	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73,981	3/4	80,826	3/4	87,629	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	74,124	10	80,969	10	87,757	10		10		10		10		10		10		10	
1/4	74,266	1/4	81,111	1/4	87,857	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74,409	1/2	81,254	1/2	87,957	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74,551	3/4	81,397	3/4	88,056	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	74,694	11	81,539	11	88,156	11		11		11		11		11		11		11	
1/4	74,837	1/4	81,682	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74,979	1/2	81,824	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75,122	3/4	81,967	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: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 209"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	380	0	6,807	0	13,618	0	20,406	0	27,218	0	34,030	0	40,843	0	47,655	0	54,467	0	61,279
1/4	465	1/4	6,949	1/4	13,760	1/4	20,548	1/4	27,360	1/4	34,172	1/4	40,985	1/4	47,797	1/4	54,609	1/4	61,421
1/2	550	1/2	7,091	1/2	13,902	1/2	20,690	1/2	27,502	1/2	34,314	1/2	41,126	1/2	47,939	1/2	54,751	1/2	61,563
3/4	635	3/4	7,233	3/4	14,044	3/4	20,832	3/4	27,644	3/4	34,456	3/4	41,268	3/4	48,080	3/4	54,893	3/4	61,705
1	721	1	7,375	1	14,186	1	20,974	1	27,786	1	34,598	1	41,410	1	48,222	1	55,035	1	61,847
1/4	834	1/4	7,517	1/4	14,328	1/4	21,116	1/4	27,928	1/4	34,740	1/4	41,552	1/4	48,364	1/4	55,176	1/4	61,989
1/2	947	1/2	7,659	1/2	14,470	1/2	21,258	1/2	28,070	1/2	34,882	1/2	41,694	1/2	48,506	1/2	55,318	1/2	62,130
3/4	1,061	3/4	7,801	3/4	14,612	3/4	21,400	3/4	28,212	3/4	35,024	3/4	41,836	3/4	48,648	3/4	55,460	3/4	62,272
2	1,174	2	7,942	2	14,754	2	21,542	2	28,354	2	35,166	2	41,978	2	48,790	2	55,602	2	62,414
1/4	1,308	1/4	8,084	1/4	14,895	1/4	21,683	1/4	28,496	1/4	35,308	1/4	42,120	1/4	48,932	1/4	55,744	1/4	62,556
1/2	1,442	1/2	8,226	1/2	15,037	1/2	21,825	1/2	28,638	1/2	35,450	1/2	42,262	1/2	49,074	1/2	55,886	1/2	62,698
3/4	1,576	3/4	8,368	3/4	15,178	3/4	21,967	3/4	28,779	3/4	35,592	3/4	42,404	3/4	49,216	3/4	56,028	3/4	62,840
3	1,710	3	8,510	3	15,320	3	22,109	3	28,921	3	35,734	3	42,546	3	49,358	3	56,170	3	62,982
1/4	1,850	1/4	8,652	1/4	15,461	1/4	22,251	1/4	29,063	1/4	35,875	1/4	42,688	1/4	49,500	1/4	56,312	1/4	63,124
1/2	1,991	1/2	8,794	1/2	15,602	1/2	22,393	1/2	29,205	1/2	36,017	1/2	42,829	1/2	49,642	1/2	56,454	1/2	63,266
3/4	2,131	3/4	8,936	3/4	15,743	3/4	22,535	3/4	29,347	3/4	36,159	3/4	42,971	3/4	49,784	3/4	56,596	3/4	63,408
4	2,272	4	9,078	4	15,884	4	22,677	4	29,489	4	36,301	4	43,113	4	49,925	4	56,738	4	63,550
1/4	2,413	1/4	9,220	1/4	16,026	1/4	22,819	1/4	29,631	1/4	36,443	1/4	43,255	1/4	50,067	1/4	56,879	1/4	63,692
1/2	2,554	1/2	9,361	1/2	16,167	1/2	22,961	1/2	29,773	1/2	36,585	1/2	43,397	1/2	50,209	1/2	57,021	1/2	63,834
3/4	2,695	3/4	9,503	3/4	16,308	3/4	23,103	3/4	29,915	3/4	36,727	3/4	43,539	3/4	50,351	3/4	57,163	3/4	63,975
5	2,836	5	9,645	5	16,449	5	23,245	5	30,057	5	36,869	5	43,681	5	50,493	5	57,305	5	64,117
1/4	2,978	1/4	9,787	1/4	16,590	1/4	23,387	1/4	30,199	1/4	37,011	1/4	43,823	1/4	50,635	1/4	57,447	1/4	64,259
1/2	3,119	1/2	9,929	1/2	16,731	1/2	23,528	1/2	30,341	1/2	37,153	1/2	43,965	1/2	50,777	1/2	57,589	1/2	64,401
3/4	3,261	3/4	10,071	3/4	16,873	3/4	23,670	3/4	30,482	3/4	37,295	3/4	44,107	3/4	50,919	3/4	57,731	3/4	64,543
6	3,402	6	10,213	6	17,014	6	23,812	6	30,624	6	37,437	6	44,249	6	51,061	6	57,873	6	64,685
1/4	3,544	1/4	10,355	1/4	17,155	1/4	23,954	1/4	30,766	1/4	37,578	1/4	44,391	1/4	51,203	1/4	58,015	1/4	64,827
1/2	3,686	1/2	10,497	1/2	17,296	1/2	24,096	1/2	30,908	1/2	37,720	1/2	44,533	1/2	51,345	1/2	58,157	1/2	64,969
3/4	3,828	3/4	10,639	3/4	17,437	3/4	24,238	3/4	31,050	3/4	37,862	3/4	44,674	3/4	51,487	3/4	58,299	3/4	65,111
7	3,969	7	10,780	7	17,578	7	24,380	7	31,192	7	38,004	7	44,816	7	51,628	7	58,441	7	65,253
1/4	4,111	1/4	10,922	1/4	17,720	1/4	24,522	1/4	31,334	1/4	38,146	1/4	44,958	1/4	51,770	1/4	58,583	1/4	65,395
1/2	4,253	1/2	11,064	1/2	17,861	1/2	24,664	1/2	31,476	1/2	38,288	1/2	45,100	1/2	51,912	1/2	58,724	1/2	65,537
3/4	4,395	3/4	11,206	3/4	18,002	3/4	24,806	3/4	31,618	3/4	38,430	3/4	45,242	3/4	52,054	3/4	58,866	3/4	65,678
8	4,537	8	11,348	8	18,143	8	24,948	8	31,760	8	38,572	8	45,384	8	52,196	8	59,008	8	65,820
1/4	4,679	1/4	11,490	1/4	18,284	1/4	25,090	1/4	31,902	1/4	38,714	1/4	45,526	1/4	52,338	1/4	59,150	1/4	65,962
1/2	4,821	1/2	11,632	1/2	18,425	1/2	25,231	1/2	32,044	1/2	38,856	1/2	45,668	1/2	52,480	1/2	59,292	1/2	66,104
3/4	4,963	3/4	11,774	3/4	18,567	3/4	25,373	3/4	32,186	3/4	38,998	3/4	45,810	3/4	52,622	3/4	59,434	3/4	66,246
9	5,104	9	11,916	9	18,708	9	25,515	9	32,327	9	39,140	9	45,952	9	52,764	9	59,576	9	66,388
1/4	5,246	1/4	12,058	1/4	18,849	1/4	25,657	1/4	32,469	1/4	39,281	1/4	46,094	1/4	52,906	1/4	59,718	1/4	66,530
1/2	5,388	1/2	12,199	1/2	18,990	1/2	25,799	1/2	32,611	1/2	39,423	1/2	46,236	1/2	53,048	1/2	59,860	1/2	66,672
3/4	5,530	3/4	12,341	3/4	19,131	3/4	25,941	3/4	32,753	3/4	39,565	3/4	46,377	3/4	53,190	3/4	60,002	3/4	66,814
10	5,672	10	12,483	10	19,272	10	26,083	10	32,895	10	39,707	10	46,519	10	53,332	10	60,144	10	66,956
1/4	5,814	1/4	12,625	1/4	19,414	1/4	26,225	1/4	33,037	1/4	39,849	1/4	46,661	1/4	53,473	1/4	60,286	1/4	67,098
1/2	5,956	1/2	12,767	1/2	19,555	1/2	26,367	1/2	33,179	1/2	39,991	1/2	46,803	1/2	53,615	1/2	60,427	1/2	67,240
3/4	6,098	3/4	12,909	3/4	19,697	3/4	26,509	3/4	33,321	3/4	40,133	3/4	46,945	3/4	53,757	3/4	60,569	3/4	67,382
11	6,240	11	13,051	11	19,839	11	26,651	11	33,463	11	40,275	11	47,087	11	53,899	11	60,711	11	67,523
1/4	6,382	1/4	13,193	1/4	19,980	1/4	26,793	1/4	33,605	1/4	40,417	1/4	47,229	1/4	54,041	1/4	60,853	1/4	67,665
1/2	6,523	1/2	13,335	1/2	20,122	1/2	26,935	1/2	33,747	1/2	40,559	1/2	47,371	1/2	54,183	1/2	60,995	1/2	67,807
3/4	6,665	3/4	13,477	3/4	20,264	3/4	27,076	3/4	33,889	3/4	40,701	3/4	47,513	3/4	54,325	3/4	61,137	3/4	67,949

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 11'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 209"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	68,091	0	74,903	0	81,715	0	88,158	0		0		0		0		0		0	
1/4	68,233	1/4	75,045	1/4	81,857	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	68,375	1/2	75,187	1/2	81,999	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	68,517	3/4	75,329	3/4	82,141	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	68,659	1	75,471	1	82,283	1		1		1		1		1		1		1	
1/4	68,801	1/4	75,613	1/4	82,425	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	68,943	1/2	75,755	1/2	82,567	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69,085	3/4	75,897	3/4	82,709	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	69,226	2	76,039	2	82,851	2		2		2		2		2		2		2	
1/4	69,368	1/4	76,181	1/4	82,993	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69,510	1/2	76,322	1/2	83,135	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69,652	3/4	76,464	3/4	83,276	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	69,794	3	76,606	3	83,418	3		3		3		3		3		3		3	
1/4	69,936	1/4	76,748	1/4	83,560	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70,078	1/2	76,890	1/2	83,702	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70,220	3/4	77,032	3/4	83,844	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	70,362	4	77,174	4	83,986	4		4		4		4		4		4		4	
1/4	70,504	1/4	77,316	1/4	84,128	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70,646	1/2	77,458	1/2	84,270	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70,788	3/4	77,600	3/4	84,412	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	70,929	5	77,742	5	84,554	5		5		5		5		5		5		5	
1/4	71,071	1/4	77,884	1/4	84,696	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71,213	1/2	78,025	1/2	84,838	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,355	3/4	78,167	3/4	84,980	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	71,497	6	78,309	6	85,121	6		6		6		6		6		6		6	
1/4	71,639	1/4	78,451	1/4	85,263	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71,781	1/2	78,593	1/2	85,405	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,923	3/4	78,735	3/4	85,547	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	72,065	7	78,877	7	85,689	7		7		7		7		7		7		7	
1/4	72,207	1/4	79,019	1/4	85,831	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,349	1/2	79,161	1/2	85,973	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72,491	3/4	79,303	3/4	86,115	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	72,633	8	79,445	8	86,257	8		8		8		8		8		8		8	
1/4	72,774	1/4	79,587	1/4	86,399	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,916	1/2	79,728	1/2	86,541	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73,058	3/4	79,870	3/4	86,683	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	73,200	9	80,012	9	86,824	9		9		9		9		9		9		9	
1/4	73,342	1/4	80,154	1/4	86,959	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73,484	1/2	80,296	1/2	87,094	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73,626	3/4	80,438	3/4	87,229	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	73,768	10	80,580	10	87,364	10		10		10		10		10		10		10	
1/4	73,910	1/4	80,722	1/4	87,477	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74,052	1/2	80,864	1/2	87,591	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74,194	3/4	81,006	3/4	87,704	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	74,336	11	81,148	11	87,818	11		11		11		11		11		11		11	
1/4	74,477	1/4	81,290	1/4	87,903	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74,619	1/2	81,432	1/2	87,988	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74,761	3/4	81,573	3/4	88,073	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 209"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	524	0	7,127	0	13,972	0	20,608	0	27,454	0	34,300	0	41,146	0	47,992	0	54,839	0	61,685
1/4	624	1/4	7,269	1/4	14,114	1/4	20,750	1/4	27,596	1/4	34,443	1/4	41,289	1/4	48,135	1/4	54,981	1/4	61,828
1/2	724	1/2	7,412	1/2	14,255	1/2	20,893	1/2	27,739	1/2	34,585	1/2	41,431	1/2	48,278	1/2	55,124	1/2	61,970
3/4	824	3/4	7,554	3/4	14,397	3/4	21,035	3/4	27,882	3/4	34,728	3/4	41,574	3/4	48,420	3/4	55,267	3/4	62,113
1	924	1	7,697	1	14,539	1	21,178	1	28,024	1	34,871	1	41,717	1	48,563	1	55,409	1	62,255
1/4	1,052	1/4	7,840	1/4	14,681	1/4	21,321	1/4	28,167	1/4	35,013	1/4	41,859	1/4	48,706	1/4	55,552	1/4	62,398
1/2	1,180	1/2	7,982	1/2	14,823	1/2	21,463	1/2	28,310	1/2	35,156	1/2	42,002	1/2	48,848	1/2	55,694	1/2	62,541
3/4	1,308	3/4	8,125	3/4	14,964	3/4	21,606	3/4	28,452	3/4	35,298	3/4	42,145	3/4	48,991	3/4	55,837	3/4	62,683
2	1,437	2	8,267	2	15,106	2	21,749	2	28,595	2	35,441	2	42,287	2	49,134	2	55,980	2	62,826
1/4	1,578	1/4	8,410	1/4	15,243	1/4	21,891	1/4	28,737	1/4	35,584	1/4	42,430	1/4	49,276	1/4	56,122	1/4	62,969
1/2	1,718	1/2	8,553	1/2	15,379	1/2	22,034	1/2	28,880	1/2	35,726	1/2	42,573	1/2	49,419	1/2	56,265	1/2	63,111
3/4	1,859	3/4	8,695	3/4	15,516	3/4	22,176	3/4	29,023	3/4	35,869	3/4	42,715	3/4	49,561	3/4	56,408	3/4	63,254
3	2,000	3	8,838	3	15,652	3	22,319	3	29,165	3	36,012	3	42,858	3	49,704	3	56,550	3	63,396
1/4	2,142	1/4	8,980	1/4	15,788	1/4	22,462	1/4	29,308	1/4	36,154	1/4	43,000	1/4	49,847	1/4	56,693	1/4	63,539
1/2	2,283	1/2	9,123	1/2	15,925	1/2	22,604	1/2	29,451	1/2	36,297	1/2	43,143	1/2	49,989	1/2	56,836	1/2	63,682
3/4	2,425	3/4	9,266	3/4	16,061	3/4	22,747	3/4	29,593	3/4	36,439	3/4	43,286	3/4	50,132	3/4	56,978	3/4	63,824
4	2,567	4	9,408	4	16,198	4	22,890	4	29,736	4	36,582	4	43,428	4	50,275	4	57,121	4	63,967
1/4	2,709	1/4	9,551	1/4	16,334	1/4	23,032	1/4	29,878	1/4	36,725	1/4	43,571	1/4	50,417	1/4	57,263	1/4	64,110
1/2	2,851	1/2	9,694	1/2	16,471	1/2	23,175	1/2	30,021	1/2	36,867	1/2	43,714	1/2	50,560	1/2	57,406	1/2	64,252
3/4	2,993	3/4	9,836	3/4	16,607	3/4	23,317	3/4	30,164	3/4	37,010	3/4	43,856	3/4	50,702	3/4	57,549	3/4	64,395
5	3,135	5	9,979	5	16,744	5	23,460	5	30,306	5	37,153	5	43,999	5	50,845	5	57,691	5	64,538
1/4	3,277	1/4	10,121	1/4	16,880	1/4	23,603	1/4	30,449	1/4	37,295	1/4	44,141	1/4	50,988	1/4	57,834	1/4	64,680
1/2	3,420	1/2	10,264	1/2	17,017	1/2	23,745	1/2	30,592	1/2	37,438	1/2	44,284	1/2	51,130	1/2	57,977	1/2	64,823
3/4	3,562	3/4	10,407	3/4	17,153	3/4	23,888	3/4	30,734	3/4	37,580	3/4	44,427	3/4	51,273	3/4	58,119	3/4	64,965
6	3,704	6	10,549	6	17,290	6	24,031	6	30,877	6	37,723	6	44,569	6	51,416	6	58,262	6	65,108
1/4	3,847	1/4	10,692	1/4	17,426	1/4	24,173	1/4	31,020	1/4	37,866	1/4	44,712	1/4	51,558	1/4	58,404	1/4	65,251
1/2	3,989	1/2	10,834	1/2	17,563	1/2	24,316	1/2	31,162	1/2	38,008	1/2	44,855	1/2	51,701	1/2	58,547	1/2	65,393
3/4	4,132	3/4	10,977	3/4	17,699	3/4	24,459	3/4	31,305	3/4	38,151	3/4	44,997	3/4	51,843	3/4	58,690	3/4	65,536
7	4,274	7	11,120	7	17,835	7	24,601	7	31,447	7	38,294	7	45,140	7	51,986	7	58,832	7	65,679
1/4	4,417	1/4	11,262	1/4	17,972	1/4	24,744	1/4	31,590	1/4	38,436	1/4	45,282	1/4	52,129	1/4	58,975	1/4	65,821
1/2	4,560	1/2	11,405	1/2	18,108	1/2	24,886	1/2	31,733	1/2	38,579	1/2	45,425	1/2	52,271	1/2	59,118	1/2	65,964
3/4	4,702	3/4	11,547	3/4	18,245	3/4	25,029	3/4	31,875	3/4	38,722	3/4	45,568	3/4	52,414	3/4	59,260	3/4	66,106
8	4,845	8	11,690	8	18,381	8	25,172	8	32,018	8	38,864	8	45,710	8	52,557	8	59,403	8	66,249
1/4	4,987	1/4	11,833	1/4	18,518	1/4	25,314	1/4	32,161	1/4	39,007	1/4	45,853	1/4	52,699	1/4	59,545	1/4	66,392
1/2	5,130	1/2	11,975	1/2	18,654	1/2	25,457	1/2	32,303	1/2	39,149	1/2	45,996	1/2	52,842	1/2	59,688	1/2	66,534
3/4	5,273	3/4	12,118	3/4	18,791	3/4	25,600	3/4	32,446	3/4	39,292	3/4	46,138	3/4	52,985	3/4	59,831	3/4	66,677
9	5,415	9	12,261	9	18,927	9	25,742	9	32,588	9	39,435	9	46,281	9	53,127	9	59,973	9	66,820
1/4	5,558	1/4	12,403	1/4	19,064	1/4	25,885	1/4	32,731	1/4	39,577	1/4	46,424	1/4	53,270	1/4	60,116	1/4	66,962
1/2	5,700	1/2	12,546	1/2	19,200	1/2	26,027	1/2	32,874	1/2	39,720	1/2	46,566	1/2	53,412	1/2	60,259	1/2	67,105
3/4	5,843	3/4	12,688	3/4	19,337	3/4	26,170	3/4	33,016	3/4	39,863	3/4	46,709	3/4	53,555	3/4	60,401	3/4	67,248
10	5,986	10	12,831	10	19,473	10	26,313	10	33,159	10	40,005	10	46,851	10	53,698	10	60,544	10	67,390
1/4	6,128	1/4	12,974	1/4	19,615	1/4	26,455	1/4	33,302	1/4	40,148	1/4	46,994	1/4	53,840	1/4	60,687	1/4	67,533
1/2	6,271	1/2	13,116	1/2	19,757	1/2	26,598	1/2	33,444	1/2	40,290	1/2	47,137	1/2	53,983	1/2	60,829	1/2	67,675
3/4	6,413	3/4	13,259	3/4	19,899	3/4	26,741	3/4	33,587	3/4	40,433	3/4	47,279	3/4	54,126	3/4	60,972	3/4	67,818
11	6,556	11	13,401	11	20,040	11	26,883	11	33,729	11	40,576	11	47,422	11	54,268	11	61,114	11	67,961
1/4	6,699	1/4	13,544	1/4	20,182	1/4	27,026	1/4	33,872	1/4	40,718	1/4	47,565	1/4	54,411	1/4	61,257	1/4	68,103
1/2	6,841	1/2	13,687	1/2	20,324	1/2	27,168	1/2	34,015	1/2	40,861	1/2	47,707	1/2	54,553	1/2	61,400	1/2	68,246
3/4	6,984	3/4	13,829	3/4	20,466	3/4	27,311	3/4	34,157	3/4	41,004	3/4	47,850	3/4	54,696	3/4	61,542	3/4	68,389

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 13'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 209"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	68,531	0	75,377	0	82,224	0		0		0		0		0		0		0	
1/4	68,674	1/4	75,520	1/4	82,366	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	68,816	1/2	75,663	1/2	82,509	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	68,959	3/4	75,805	3/4	82,652	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	69,102	1	75,948	1	82,794	1		1		1		1		1		1		1	
1/4	69,244	1/4	76,091	1/4	82,937	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69,387	1/2	76,233	1/2	83,079	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	69,530	3/4	76,376	3/4	83,222	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	69,672	2	76,518	2	83,365	2		2		2		2		2		2		2	
1/4	69,815	1/4	76,661	1/4	83,507	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	69,957	1/2	76,804	1/2	83,650	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70,100	3/4	76,946	3/4	83,793	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	70,243	3	77,089	3	83,935	3		3		3		3		3		3		3	
1/4	70,385	1/4	77,232	1/4	84,078	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	70,528	1/2	77,374	1/2	84,220	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70,671	3/4	77,517	3/4	84,363	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	70,813	4	77,659	4	84,506	4		4		4		4		4		4		4	
1/4	70,956	1/4	77,802	1/4	84,648	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71,099	1/2	77,945	1/2	84,791	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,241	3/4	78,087	3/4	84,934	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	71,384	5	78,230	5	85,076	5		5		5		5		5		5		5	
1/4	71,526	1/4	78,373	1/4	85,219	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	71,669	1/2	78,515	1/2	85,361	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	71,812	3/4	78,658	3/4	85,504	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	71,954	6	78,801	6	85,647	6		6		6		6		6		6		6	
1/4	72,097	1/4	78,943	1/4	85,789	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,240	1/2	79,086	1/2	85,932	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72,382	3/4	79,228	3/4	86,075	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	72,525	7	79,371	7	86,217	7		7		7		7		7		7		7	
1/4	72,667	1/4	79,514	1/4	86,360	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	72,810	1/2	79,656	1/2	86,503	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	72,953	3/4	79,799	3/4	86,645	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	73,095	8	79,942	8	86,788	8		8		8		8		8		8		8	
1/4	73,238	1/4	80,084	1/4	86,930	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73,381	1/2	80,227	1/2	87,073	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	73,523	3/4	80,369	3/4	87,216	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	73,666	9	80,512	9	87,358	9		9		9		9		9		9		9	
1/4	73,808	1/4	80,655	1/4	87,487	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73,951	1/2	80,797	1/2	87,615	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74,094	3/4	80,940	3/4	87,743	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	74,236	10	81,083	10	87,872	10		10		10		10		10		10		10	
1/4	74,379	1/4	81,225	1/4	87,972	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74,522	1/2	81,368	1/2	88,071	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	74,664	3/4	81,510	3/4	88,171	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	74,807	11	81,653	11	88,271	11		11		11		11		11		11		11	
1/4	74,950	1/4	81,796	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	75,092	1/2	81,938	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75,235	3/4	82,081	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: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
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BARGE "CBC 209"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 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	36	0	9,775	0	21,824	0	33,847	0	45,894	0	57,945	0	69,995	0	82,045	0	94,096	0	106,146
1/4	74	1/4	10,026	1/4	22,075	1/4	34,097	1/4	46,145	1/4	58,196	1/4	70,246	1/4	82,297	1/4	94,347	1/4	106,397
1/2	112	1/2	10,277	1/2	22,326	1/2	34,347	1/2	46,396	1/2	58,447	1/2	70,497	1/2	82,548	1/2	94,598	1/2	106,648
3/4	149	3/4	10,528	3/4	22,577	3/4	34,598	3/4	46,647	3/4	58,698	3/4	70,748	3/4	82,799	3/4	94,849	3/4	106,900
1	187	1	10,779	1	22,828	1	34,848	1	46,898	1	58,949	1	70,999	1	83,050	1	95,100	1	107,151
1/4	275	1/4	11,030	1/4	23,079	1/4	35,099	1/4	47,149	1/4	59,200	1/4	71,250	1/4	83,301	1/4	95,351	1/4	107,402
1/2	363	1/2	11,281	1/2	23,330	1/2	35,350	1/2	47,400	1/2	59,451	1/2	71,501	1/2	83,552	1/2	95,602	1/2	107,653
3/4	450	3/4	11,532	3/4	23,581	3/4	35,601	3/4	47,652	3/4	59,702	3/4	71,752	3/4	83,803	3/4	95,853	3/4	107,904
2	538	2	11,783	2	23,832	2	35,852	2	47,903	2	59,953	2	72,003	2	84,054	2	96,104	2	108,155
1/4	676	1/4	12,034	1/4	24,083	1/4	36,103	1/4	48,154	1/4	60,204	1/4	72,255	1/4	84,305	1/4	96,355	1/4	108,406
1/2	814	1/2	12,285	1/2	24,334	1/2	36,354	1/2	48,405	1/2	60,455	1/2	72,506	1/2	84,556	1/2	96,606	1/2	108,657
3/4	952	3/4	12,536	3/4	24,585	3/4	36,605	3/4	48,656	3/4	60,706	3/4	72,757	3/4	84,807	3/4	96,857	3/4	108,908
3	1,091	3	12,787	3	24,836	3	36,856	3	48,907	3	60,957	3	73,008	3	85,058	3	97,109	3	109,159
1/4	1,279	1/4	13,038	1/4	25,088	1/4	37,107	1/4	49,158	1/4	61,208	1/4	73,259	1/4	85,309	1/4	97,360	1/4	109,410
1/2	1,467	1/2	13,289	1/2	25,339	1/2	37,358	1/2	49,409	1/2	61,459	1/2	73,510	1/2	85,560	1/2	97,611	1/2	109,661
3/4	1,655	3/4	13,540	3/4	25,590	3/4	37,609	3/4	49,660	3/4	61,710	3/4	73,761	3/4	85,811	3/4	97,862	3/4	109,912
4	1,843	4	13,791	4	25,841	4	37,861	4	49,911	4	61,961	4	74,012	4	86,062	4	98,113	4	110,163
1/4	2,075	1/4	14,042	1/4	26,091	1/4	38,112	1/4	50,162	1/4	62,212	1/4	74,263	1/4	86,313	1/4	98,364	1/4	110,414
1/2	2,306	1/2	14,293	1/2	26,342	1/2	38,363	1/2	50,413	1/2	62,464	1/2	74,514	1/2	86,564	1/2	98,615	1/2	110,665
3/4	2,537	3/4	14,544	3/4	26,593	3/4	38,614	3/4	50,664	3/4	62,715	3/4	74,765	3/4	86,815	3/4	98,866	3/4	110,916
5	2,768	5	14,795	5	26,844	5	38,865	5	50,915	5	62,966	5	75,016	5	87,067	5	99,117	5	111,167
1/4	3,017	1/4	15,046	1/4	27,094	1/4	39,116	1/4	51,166	1/4	63,217	1/4	75,267	1/4	87,318	1/4	99,368	1/4	111,418
1/2	3,265	1/2	15,297	1/2	27,344	1/2	39,367	1/2	51,417	1/2	63,468	1/2	75,518	1/2	87,569	1/2	99,619	1/2	111,669
3/4	3,513	3/4	15,548	3/4	27,594	3/4	39,618	3/4	51,668	3/4	63,719	3/4	75,769	3/4	87,820	3/4	99,870	3/4	111,921
6	3,761	6	15,799	6	27,844	6	39,869	6	51,919	6	63,970	6	76,020	6	88,071	6	100,121	6	112,172
1/4	4,011	1/4	16,050	1/4	28,094	1/4	40,120	1/4	52,170	1/4	64,221	1/4	76,271	1/4	88,322	1/4	100,372	1/4	112,423
1/2	4,260	1/2	16,301	1/2	28,344	1/2	40,371	1/2	52,421	1/2	64,472	1/2	76,522	1/2	88,573	1/2	100,623	1/2	112,674
3/4	4,510	3/4	16,552	3/4	28,595	3/4	40,622	3/4	52,673	3/4	64,723	3/4	76,773	3/4	88,824	3/4	100,874	3/4	112,925
7	4,759	7	16,803	7	28,845	7	40,873	7	52,924	7	64,974	7	77,024	7	89,075	7	101,125	7	113,176
1/4	5,009	1/4	17,055	1/4	29,095	1/4	41,124	1/4	53,175	1/4	65,225	1/4	77,276	1/4	89,326	1/4	101,376	1/4	113,427
1/2	5,260	1/2	17,306	1/2	29,345	1/2	41,375	1/2	53,426	1/2	65,476	1/2	77,527	1/2	89,577	1/2	101,627	1/2	113,678
3/4	5,510	3/4	17,557	3/4	29,595	3/4	41,626	3/4	53,677	3/4	65,727	3/4	77,778	3/4	89,828	3/4	101,879	3/4	113,929
8	5,760	8	17,808	8	29,845	8	41,877	8	53,928	8	65,978	8	78,029	8	90,079	8	102,130	8	114,180
1/4	6,011	1/4	18,059	1/4	30,095	1/4	42,128	1/4	54,179	1/4	66,229	1/4	78,280	1/4	90,330	1/4	102,381	1/4	114,431
1/2	6,261	1/2	18,310	1/2	30,345	1/2	42,379	1/2	54,430	1/2	66,480	1/2	78,531	1/2	90,581	1/2	102,632	1/2	114,682
3/4	6,512	3/4	18,561	3/4	30,595	3/4	42,630	3/4	54,681	3/4	66,731	3/4	78,782	3/4	90,832	3/4	102,883	3/4	114,933
9	6,763	9	18,812	9	30,845	9	42,882	9	54,932	9	66,982	9	79,033	9	91,083	9	103,134	9	115,184
1/4	7,014	1/4	19,063	1/4	31,095	1/4	43,133	1/4	55,183	1/4	67,233	1/4	79,284	1/4	91,334	1/4	103,385	1/4	115,435
1/2	7,265	1/2	19,314	1/2	31,346	1/2	43,384	1/2	55,434	1/2	67,485	1/2	79,535	1/2	91,585	1/2	103,636	1/2	115,686
3/4	7,515	3/4	19,565	3/4	31,596	3/4	43,635	3/4	55,685	3/4	67,736	3/4	79,786	3/4	91,836	3/4	103,887	3/4	115,937
10	7,766	10	19,816	10	31,846	10	43,886	10	55,936	10	67,987	10	80,037	10	92,088	10	104,138	10	116,188
1/4	8,017	1/4	20,067	1/4	32,096	1/4	44,137	1/4	56,187	1/4	68,238	1/4	80,288	1/4	92,339	1/4	104,389	1/4	116,439
1/2	8,268	1/2	20,318	1/2	32,346	1/2	44,388	1/2	56,438	1/2	68,489	1/2	80,539	1/2	92,590	1/2	104,640	1/2	116,691
3/4	8,519	3/4	20,569	3/4	32,596	3/4	44,639	3/4	56,689	3/4	68,740	3/4	80,790	3/4	92,841	3/4	104,891	3/4	116,942
11	8,770	11	20,820	11	32,846	11	44,890	11	56,940	11	68,991	11	81,041	11	93,092	11	105,142	11	117,193
1/4	9,021	1/4	21,071	1/4	33,096	1/4	45,141	1/4	57,191	1/4	69,242	1/4	81,292	1/4	93,343	1/4	105,393	1/4	117,444
1/2	9,273	1/2	21,322	1/2	33,346	1/2	45,392	1/2	57,442	1/2	69,493	1/2	81,543	1/2	93,594	1/2	105,644	1/2	117,695
3/4	9,524	3/4	21,573	3/4	33,596	3/4	45,643	3/4	57,694	3/4	69,744	3/4	81,794	3/4	93,845	3/4	105,895	3/4	117,946

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 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 2'-00" OFF CENTERLINE AND 18'-03" FORWARD OF AFT BULKHEAD

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BARGE "CBC 209"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 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	118,197	0	130,247	0	142,298	0	154,323	0		0		0		0		0		0	
1/4	118,448	1/4	130,498	1/4	142,549	1/4	154,536	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,699	1/2	130,749	1/2	142,800	1/2	154,750	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,950	3/4	131,000	3/4	143,051	3/4	154,963	3/4		3/4		3/4		3/4		3/4		3/4	
1	119,201	1	131,251	1	143,302	1	155,177	1		1		1		1		1		1	
1/4	119,452	1/4	131,503	1/4	143,553	1/4	155,340	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,703	1/2	131,754	1/2	143,804	1/2	155,503	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,954	3/4	132,005	3/4	144,055	3/4	155,666	3/4		3/4		3/4		3/4		3/4		3/4	
2	120,205	2	132,256	2	144,306	2	155,829	2		2		2		2		2		2	
1/4	120,456	1/4	132,507	1/4	144,557	1/4	155,942	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,707	1/2	132,758	1/2	144,808	1/2	156,055	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,958	3/4	133,009	3/4	145,059	3/4	156,168	3/4		3/4		3/4		3/4		3/4		3/4	
3	121,209	3	133,260	3	145,310	3	156,281	3		3		3		3		3		3	
1/4	121,460	1/4	133,511	1/4	145,561	1/4	156,344	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,712	1/2	133,762	1/2	145,812	1/2	156,407	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,963	3/4	134,013	3/4	146,063	3/4	156,470	3/4		3/4		3/4		3/4		3/4		3/4	
4	122,214	4	134,264	4	146,315	4	156,532	4		4		4		4		4		4	
1/4	122,465	1/4	134,515	1/4	146,566	1/4	156,557	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,716	1/2	134,766	1/2	146,817	1/2	156,582	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,967	3/4	135,017	3/4	147,068	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	123,218	5	135,268	5	147,319	5		5		5		5		5		5		5	
1/4	123,469	1/4	135,519	1/4	147,570	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,720	1/2	135,770	1/2	147,821	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,971	3/4	136,021	3/4	148,072	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	124,222	6	136,272	6	148,323	6		6		6		6		6		6		6	
1/4	124,473	1/4	136,524	1/4	148,574	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,724	1/2	136,775	1/2	148,825	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,975	3/4	137,026	3/4	149,076	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	125,226	7	137,277	7	149,327	7		7		7		7		7		7		7	
1/4	125,477	1/4	137,528	1/4	149,578	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,728	1/2	137,779	1/2	149,829	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,979	3/4	138,030	3/4	150,080	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	126,230	8	138,281	8	150,331	8		8		8		8		8		8		8	
1/4	126,481	1/4	138,532	1/4	150,582	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,733	1/2	138,783	1/2	150,833	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,984	3/4	139,034	3/4	151,084	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	127,235	9	139,285	9	151,336	9		9		9		9		9		9		9	
1/4	127,486	1/4	139,536	1/4	151,587	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,737	1/2	139,787	1/2	151,838	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,988	3/4	140,038	3/4	152,089	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	128,239	10	140,289	10	152,340	10		10		10		10		10		10		10	
1/4	128,490	1/4	140,540	1/4	152,591	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,741	1/2	140,791	1/2	152,842	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,992	3/4	141,042	3/4	153,093	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	129,243	11	141,294	11	153,344	11		11		11		11		11		11		11	
1/4	129,494	1/4	141,545	1/4	153,589	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	129,745	1/2	141,796	1/2	153,833	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,996	3/4	142,047	3/4	154,078	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 209"

ULLAGE

	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	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
3 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
3 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8
4 CENTER	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2

(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 2 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 150'-09"

December 22, 2015

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

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BARGE "CBC 209"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	178,938	0	167,242	0	153,447	0	139,650	0	125,852	0	112,055	0	98,258	0	84,460		
1/4	1/4	1/4	178,866	1/4	166,955	1/4	153,160	1/4	139,362	1/4	125,565	1/4	111,768	1/4	97,970	1/4	84,173		
1/2	1/2	1/2	178,795	1/2	166,667	1/2	152,872	1/2	139,075	1/2	125,278	1/2	111,480	1/2	97,683	1/2	83,885		
3/4	3/4	3/4	178,723	3/4	166,380	3/4	152,585	3/4	138,787	3/4	124,990	3/4	111,193	3/4	97,395	3/4	83,598		
1	1	1	178,651	1	166,093	1	152,297	1	138,500	1	124,703	1	110,905	1	97,108	1	83,311		
1/4	1/4	1/4	178,522	1/4	165,805	1/4	152,010	1/4	138,213	1/4	124,415	1/4	110,618	1/4	96,821	1/4	83,023		
1/2	1/2	1/2	178,392	1/2	165,518	1/2	151,722	1/2	137,925	1/2	124,128	1/2	110,330	1/2	96,533	1/2	82,736		
3/4	3/4	3/4	178,263	3/4	165,231	3/4	151,435	3/4	137,638	3/4	123,840	3/4	110,043	3/4	96,246	3/4	82,448		
2	2	2	178,134	2	164,943	2	151,148	2	137,350	2	123,553	2	109,756	2	95,958	2	82,161		
1/4	1/4	1/4	177,947	1/4	164,656	1/4	150,860	1/4	137,063	1/4	123,265	1/4	109,468	1/4	95,671	1/4	81,873		
1/2	1/2	1/2	177,760	1/2	164,368	1/2	150,573	1/2	136,775	1/2	122,978	1/2	109,181	1/2	95,383	1/2	81,586		
3/4	3/4	3/4	177,574	3/4	164,081	3/4	150,285	3/4	136,488	3/4	122,691	3/4	108,893	3/4	95,096	3/4	81,298		
3	3	3	177,387	3	163,794	3	149,998	3	136,200	3	122,403	3	108,606	3	94,808	3	81,011		
1/4	1/4	1/4	177,142	1/4	163,506	1/4	149,710	1/4	135,913	1/4	122,116	1/4	108,318	1/4	94,521	1/4	80,724		
1/2	1/2	1/2	176,898	1/2	163,219	1/2	149,423	1/2	135,626	1/2	121,828	1/2	108,031	1/2	94,233	1/2	80,436		
3/4	3/4	3/4	176,654	3/4	162,931	3/4	149,135	3/4	135,338	3/4	121,541	3/4	107,743	3/4	93,946	3/4	80,149		
4	4	4	176,410	4	162,644	4	148,848	4	135,051	4	121,253	4	107,456	4	93,659	4	79,861		
1/4	1/4	1/4	176,129	1/4	162,357	1/4	148,561	1/4	134,763	1/4	120,966	1/4	107,169	1/4	93,371	1/4	79,574		
1/2	1/2	1/2	175,849	1/2	162,069	1/2	148,273	1/2	134,476	1/2	120,678	1/2	106,881	1/2	93,084	1/2	79,286		
3/4	3/4	3/4	175,569	3/4	161,782	3/4	147,986	3/4	134,188	3/4	120,391	3/4	106,594	3/4	92,796	3/4	78,999		
5	5	5	175,289	5	161,495	5	147,698	5	133,901	5	120,104	5	106,306	5	92,509	5	78,711		
1/4	1/4	1/4	175,002	1/4	161,207	1/4	147,411	1/4	133,613	1/4	119,816	1/4	106,019	1/4	92,221	1/4	78,424		
1/2	1/2	1/2	174,714	1/2	160,920	1/2	147,123	1/2	133,326	1/2	119,529	1/2	105,731	1/2	91,934	1/2	78,137		
3/4	3/4	3/4	174,427	3/4	160,632	3/4	146,836	3/4	133,039	3/4	119,241	3/4	105,444	3/4	91,646	3/4	77,849		
6	6	6	174,139	6	160,345	6	146,548	6	132,751	6	118,954	6	105,156	6	91,359	6	77,562		
1/4	1/4	1/4	173,852	1/4	160,058	1/4	146,261	1/4	132,464	1/4	118,666	1/4	104,869	1/4	91,072	1/4	77,274		
1/2	1/2	1/2	173,565	1/2	159,770	1/2	145,974	1/2	132,176	1/2	118,379	1/2	104,582	1/2	90,784	1/2	76,987		
3/4	3/4	3/4	173,277	3/4	159,483	3/4	145,686	3/4	131,889	3/4	118,091	3/4	104,294	3/4	90,497	3/4	76,699		
7	7	7	172,990	7	159,195	7	145,399	7	131,601	7	117,804	7	104,007	7	90,209	7	76,412		
1/4	1/4	1/4	172,702	1/4	158,908	1/4	145,111	1/4	131,314	1/4	117,517	1/4	103,719	1/4	89,922	1/4	76,124		
1/2	1/2	1/2	172,415	1/2	158,621	1/2	144,824	1/2	131,026	1/2	117,229	1/2	103,432	1/2	89,634	1/2	75,837		
3/4	3/4	3/4	172,128	3/4	158,333	3/4	144,536	3/4	130,739	3/4	116,942	3/4	103,144	3/4	89,347	3/4	75,550		
8	8	8	171,840	8	158,046	8	144,249	8	130,452	8	116,654	8	102,857	8	89,059	8	75,262		
1/4	1/4	1/4	171,553	1/4	157,759	1/4	143,961	1/4	130,164	1/4	116,367	1/4	102,569	1/4	88,772	1/4	74,975		
1/2	1/2	1/2	171,266	1/2	157,471	1/2	143,674	1/2	129,877	1/2	116,079	1/2	102,282	1/2	88,485	1/2	74,687		
3/4	3/4	3/4	170,978	3/4	157,184	3/4	143,387	3/4	129,589	3/4	115,792	3/4	101,995	3/4	88,197	3/4	74,400		
9	9	9	170,691	9	156,896	9	143,099	9	129,302	9	115,504	9	101,707	9	87,910	9	74,112		
1/4	1/4	1/4	170,403	1/4	156,609	1/4	142,812	1/4	129,014	1/4	115,217	1/4	101,420	1/4	87,622	1/4	73,825		
1/2	1/2	1/2	170,116	1/2	156,322	1/2	142,524	1/2	128,727	1/2	114,930	1/2	101,132	1/2	87,335	1/2	73,537		
3/4	3/4	3/4	169,829	3/4	156,034	3/4	142,237	3/4	128,439	3/4	114,642	3/4	100,845	3/4	87,047	3/4	73,250		
10	10	10	169,541	10	155,747	10	141,949	10	128,152	10	114,355	10	100,557	10	86,760	10	72,963		
1/4	1/4	1/4	169,254	1/4	155,459	1/4	141,662	1/4	127,865	1/4	114,067	1/4	100,270	1/4	86,472	1/4	72,675		
1/2	1/2	1/2	168,966	1/2	155,172	1/2	141,374	1/2	127,577	1/2	113,780	1/2	99,982	1/2	86,185	1/2	72,388		
3/4	3/4	3/4	168,679	3/4	154,884	3/4	141,087	3/4	127,290	3/4	113,492	3/4	99,695	3/4	85,898	3/4	72,100		
11	11	11	168,392	11	154,597	11	140,800	11	127,002	11	113,205	11	99,408	11	85,610	11	71,813		
1/4	1/4	1/4	168,104	1/4	154,310	1/4	140,512	1/4	126,715	1/4	112,917	1/4	99,120	1/4	85,323	1/4	71,525		
1/2	1/2	1/2	178,996	1/2	167,817	1/2	154,022	1/2	140,225	1/2	126,427	1/2	112,630	1/2	98,833	1/2	85,035	1/2	71,238
3/4	3/4	3/4	178,967	3/4	167,530	3/4	153,735	3/4	139,937	3/4	126,140	3/4	112,343	3/4	98,545	3/4	84,748	3/4	70,950

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 2'-00" OFF CENTERLINE AND 19'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 209"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04"

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	70,663	0	56,866	0	43,068	0	29,555	0	15,789	0	2,109	0		0					0
1/4	70,376	1/4	56,578	1/4	42,781	1/4	29,274	1/4	15,501	1/4	1,894	1/4		1/4				1/4	
1/2	70,088	1/2	56,291	1/2	42,493	1/2	28,992	1/2	15,214	1/2	1,678	1/2		1/2				1/2	
3/4	69,801	3/4	56,003	3/4	42,206	3/4	28,711	3/4	14,927	3/4	1,463	3/4		3/4				3/4	
1	69,513	1	55,716	1	41,919	1	28,430	1	14,639	1	1,247	1		1				1	
1/4	69,226	1/4	55,428	1/4	41,636	1/4	28,144	1/4	14,352	1/4	1,089	1/4		1/4				1/4	
1/2	68,938	1/2	55,141	1/2	41,353	1/2	27,858	1/2	14,064	1/2	931	1/2		1/2				1/2	
3/4	68,651	3/4	54,854	3/4	41,070	3/4	27,572	3/4	13,777	3/4	773	3/4		3/4				3/4	
2	68,363	2	54,566	2	40,787	2	27,286	2	13,489	2	615	2		2				2	
1/4	68,076	1/4	54,279	1/4	40,505	1/4	26,998	1/4	13,202	1/4	514	1/4		1/4				1/4	
1/2	67,789	1/2	53,991	1/2	40,224	1/2	26,711	1/2	12,915	1/2	413	1/2		1/2				1/2	
3/4	67,501	3/4	53,704	3/4	39,943	3/4	26,424	3/4	12,627	3/4	313	3/4		3/4				3/4	
3	67,214	3	53,416	3	39,661	3	26,136	3	12,340	3	212	3		3				3	
1/4	66,926	1/4	53,129	1/4	39,380	1/4	25,849	1/4	12,052	1/4	169	1/4		1/4				1/4	
1/2	66,639	1/2	52,841	1/2	39,100	1/2	25,561	1/2	11,765	1/2	126	1/2		1/2				1/2	
3/4	66,351	3/4	52,554	3/4	38,819	3/4	25,274	3/4	11,477	3/4	83	3/4		3/4				3/4	
4	66,064	4	52,267	4	38,538	4	24,986	4	11,190	4	40	4		4				4	
1/4	65,776	1/4	51,979	1/4	38,257	1/4	24,699	1/4	10,903	1/4		1/4		1/4				1/4	
1/2	65,489	1/2	51,692	1/2	37,977	1/2	24,412	1/2	10,615	1/2		1/2		1/2				1/2	
3/4	65,202	3/4	51,404	3/4	37,696	3/4	24,124	3/4	10,328	3/4		3/4		3/4				3/4	
5	64,914	5	51,117	5	37,415	5	23,837	5	10,040	5		5		5				5	
1/4	64,627	1/4	50,829	1/4	37,135	1/4	23,549	1/4	9,753	1/4		1/4		1/4				1/4	
1/2	64,339	1/2	50,542	1/2	36,854	1/2	23,262	1/2	9,465	1/2		1/2		1/2				1/2	
3/4	64,052	3/4	50,254	3/4	36,573	3/4	22,974	3/4	9,178	3/4		3/4		3/4				3/4	
6	63,764	6	49,967	6	36,293	6	22,687	6	8,891	6		6		6				6	
1/4	63,477	1/4	49,680	1/4	36,012	1/4	22,400	1/4	8,603	1/4		1/4		1/4				1/4	
1/2	63,189	1/2	49,392	1/2	35,731	1/2	22,112	1/2	8,316	1/2		1/2		1/2				1/2	
3/4	62,902	3/4	49,105	3/4	35,451	3/4	21,825	3/4	8,029	3/4		3/4		3/4				3/4	
7	62,615	7	48,817	7	35,170	7	21,537	7	7,741	7		7		7				7	
1/4	62,327	1/4	48,530	1/4	34,890	1/4	21,250	1/4	7,455	1/4		1/4		1/4				1/4	
1/2	62,040	1/2	48,242	1/2	34,609	1/2	20,963	1/2	7,168	1/2		1/2		1/2				1/2	
3/4	61,752	3/4	47,955	3/4	34,328	3/4	20,675	3/4	6,881	3/4		3/4		3/4				3/4	
8	61,465	8	47,667	8	34,048	8	20,388	8	6,594	8		8		8				8	
1/4	61,177	1/4	47,380	1/4	33,767	1/4	20,100	1/4	6,307	1/4		1/4		1/4				1/4	
1/2	60,890	1/2	47,093	1/2	33,486	1/2	19,813	1/2	6,021	1/2		1/2		1/2				1/2	
3/4	60,602	3/4	46,805	3/4	33,206	3/4	19,525	3/4	5,734	3/4		3/4		3/4				3/4	
9	60,315	9	46,518	9	32,925	9	19,238	9	5,448	9		9		9				9	
1/4	60,028	1/4	46,230	1/4	32,644	1/4	18,951	1/4	5,162	1/4		1/4		1/4				1/4	
1/2	59,740	1/2	45,943	1/2	32,364	1/2	18,663	1/2	4,876	1/2		1/2		1/2				1/2	
3/4	59,453	3/4	45,655	3/4	32,083	3/4	18,376	3/4	4,591	3/4		3/4		3/4				3/4	
10	59,165	10	45,368	10	31,802	10	18,088	10	4,305	10		10		10				10	
1/4	58,878	1/4	45,080	1/4	31,522	1/4	17,801	1/4	4,021	1/4		1/4		1/4				1/4	
1/2	58,590	1/2	44,793	1/2	31,241	1/2	17,513	1/2	3,737	1/2		1/2		1/2				1/2	
3/4	58,303	3/4	44,506	3/4	30,961	3/4	17,226	3/4	3,452	3/4		3/4		3/4				3/4	
11	58,015	11	44,218	11	30,680	11	16,939	11	3,168	11		11		11				11	
1/4	57,728	1/4	43,931	1/4	30,399	1/4	16,651	1/4	2,903	1/4		1/4		1/4				1/4	
1/2	57,441	1/2	43,643	1/2	30,117	1/2	16,364	1/2	2,639	1/2		1/2		1/2				1/2	
3/4	57,153	3/4	43,356	3/4	29,836	3/4	16,076	3/4	2,374	3/4		3/4		3/4				3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 209"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	87,696	0	81,161	0	74,372	0	67,582	0	60,793	0	54,003	0	47,214	0	40,424		
1/4	1/4	1/4	87,611	1/4	81,020	1/4	74,230	1/4	67,441	1/4	60,651	1/4	53,862	1/4	47,072	1/4	40,283		
1/2	1/2	1/2	87,526	1/2	80,878	1/2	74,089	1/2	67,299	1/2	60,510	1/2	53,720	1/2	46,931	1/2	40,141		
3/4	3/4	3/4	87,413	3/4	80,737	3/4	73,947	3/4	67,158	3/4	60,368	3/4	53,579	3/4	46,789	3/4	40,000		
1	1	1	87,300	1	80,595	1	73,806	1	67,016	1	60,227	1	53,437	1	46,648	1	39,858		
1/4	1/4	1/4	87,187	1/4	80,454	1/4	73,664	1/4	66,875	1/4	60,085	1/4	53,296	1/4	46,506	1/4	39,717		
1/2	1/2	1/2	87,074	1/2	80,312	1/2	73,523	1/2	66,733	1/2	59,944	1/2	53,154	1/2	46,365	1/2	39,575		
3/4	3/4	3/4	86,939	3/4	80,171	3/4	73,381	3/4	66,592	3/4	59,802	3/4	53,013	3/4	46,223	3/4	39,434		
2	2	2	86,805	2	80,029	2	73,240	2	66,450	2	59,661	2	52,871	2	46,082	2	39,292		
1/4	1/4	1/4	86,670	1/4	79,888	1/4	73,098	1/4	66,309	1/4	59,519	1/4	52,730	1/4	45,940	1/4	39,151		
1/2	1/2	1/2	86,536	1/2	79,747	1/2	72,957	1/2	66,168	1/2	59,378	1/2	52,589	1/2	45,799	1/2	39,010		
3/4	3/4	3/4	86,395	3/4	79,605	3/4	72,816	3/4	66,026	3/4	59,237	3/4	52,447	3/4	45,658	3/4	38,868		
3	3	3	86,253	3	79,464	3	72,674	3	65,885	3	59,095	3	52,306	3	45,516	3	38,727		
1/4	1/4	1/4	86,112	1/4	79,322	1/4	72,533	1/4	65,743	1/4	58,954	1/4	52,164	1/4	45,375	1/4	38,585		
1/2	1/2	1/2	85,970	1/2	79,181	1/2	72,391	1/2	65,602	1/2	58,812	1/2	52,023	1/2	45,233	1/2	38,444		
3/4	3/4	3/4	85,829	3/4	79,039	3/4	72,250	3/4	65,460	3/4	58,671	3/4	51,881	3/4	45,092	3/4	38,302		
4	4	4	85,687	4	78,898	4	72,108	4	65,319	4	58,529	4	51,740	4	44,950	4	38,161		
1/4	1/4	1/4	85,546	1/4	78,756	1/4	71,967	1/4	65,177	1/4	58,388	1/4	51,598	1/4	44,809	1/4	38,019		
1/2	1/2	1/2	85,404	1/2	78,615	1/2	71,825	1/2	65,036	1/2	58,246	1/2	51,457	1/2	44,667	1/2	37,878		
3/4	3/4	3/4	85,263	3/4	78,474	3/4	71,684	3/4	64,895	3/4	58,105	3/4	51,315	3/4	44,526	3/4	37,736		
5	5	5	85,122	5	78,332	5	71,543	5	64,753	5	57,964	5	51,174	5	44,385	5	37,595		
1/4	1/4	1/4	84,980	1/4	78,191	1/4	71,401	1/4	64,612	1/4	57,822	1/4	51,033	1/4	44,243	1/4	37,454		
1/2	1/2	1/2	84,839	1/2	78,049	1/2	71,260	1/2	64,470	1/2	57,681	1/2	50,891	1/2	44,102	1/2	37,312		
3/4	3/4	3/4	84,697	3/4	77,908	3/4	71,118	3/4	64,329	3/4	57,539	3/4	50,750	3/4	43,960	3/4	37,171		
6	6	6	84,556	6	77,766	6	70,977	6	64,187	6	57,398	6	50,608	6	43,819	6	37,029		
1/4	1/4	1/4	84,414	1/4	77,625	1/4	70,835	1/4	64,046	1/4	57,256	1/4	50,467	1/4	43,677	1/4	36,888		
1/2	1/2	1/2	84,273	1/2	77,483	1/2	70,694	1/2	63,904	1/2	57,115	1/2	50,325	1/2	43,536	1/2	36,746		
3/4	3/4	3/4	84,131	3/4	77,342	3/4	70,552	3/4	63,763	3/4	56,973	3/4	50,184	3/4	43,394	3/4	36,605		
7	7	7	83,990	7	77,200	7	70,411	7	63,621	7	56,832	7	50,042	7	43,253	7	36,463		
1/4	1/4	1/4	83,849	1/4	77,059	1/4	70,270	1/4	63,480	1/4	56,691	1/4	49,901	1/4	43,112	1/4	36,322		
1/2	1/2	1/2	83,707	1/2	76,918	1/2	70,128	1/2	63,339	1/2	56,549	1/2	49,760	1/2	42,970	1/2	36,181		
3/4	3/4	3/4	83,566	3/4	76,776	3/4	69,987	3/4	63,197	3/4	56,408	3/4	49,618	3/4	42,829	3/4	36,039		
8	8	8	83,424	8	76,635	8	69,845	8	63,056	8	56,266	8	49,477	8	42,687	8	35,898		
1/4	1/4	1/4	83,283	1/4	76,493	1/4	69,704	1/4	62,914	1/4	56,125	1/4	49,335	1/4	42,546	1/4	35,756		
1/2	1/2	1/2	83,141	1/2	76,352	1/2	69,562	1/2	62,773	1/2	55,983	1/2	49,194	1/2	42,404	1/2	35,615		
3/4	3/4	3/4	83,000	3/4	76,210	3/4	69,421	3/4	62,631	3/4	55,842	3/4	49,052	3/4	42,263	3/4	35,473		
9	9	9	82,858	9	76,069	9	69,279	9	62,490	9	55,700	9	48,911	9	42,121	9	35,332		
1/4	1/4	1/4	82,717	1/4	75,927	1/4	69,138	1/4	62,348	1/4	55,559	1/4	48,769	1/4	41,980	1/4	35,190		
1/2	1/2	1/2	82,576	1/2	75,786	1/2	68,996	1/2	62,207	1/2	55,417	1/2	48,628	1/2	41,838	1/2	35,049		
3/4	3/4	3/4	82,434	3/4	75,645	3/4	68,855	3/4	62,066	3/4	55,276	3/4	48,487	3/4	41,697	3/4	34,908		
10	10	10	82,293	10	75,503	10	68,714	10	61,924	10	55,135	10	48,345	10	41,556	10	34,766		
1/4	1/4	1/4	82,151	1/4	75,362	1/4	68,572	1/4	61,783	1/4	54,993	1/4	48,204	1/4	41,414	1/4	34,625		
1/2	1/2	1/2	82,010	1/2	75,220	1/2	68,431	1/2	61,641	1/2	54,852	1/2	48,062	1/2	41,273	1/2	34,483		
3/4	3/4	3/4	81,868	3/4	75,079	3/4	68,289	3/4	61,500	3/4	54,710	3/4	47,921	3/4	41,131	3/4	34,342		
11	11	11	81,727	11	74,937	11	68,148	11	61,358	11	54,569	11	47,779	11	40,990	11	34,200		
1/4	1/4	1/4	81,585	1/4	74,796	1/4	68,006	1/4	61,217	1/4	54,427	1/4	47,638	1/4	40,848	1/4	34,059		
1/2	1/2	1/2	81,444	1/2	74,654	1/2	67,865	1/2	61,075	1/2	54,286	1/2	47,496	1/2	40,707	1/2	33,917		
3/4	3/4	3/4	81,302	3/4	74,513	3/4	67,723	3/4	60,934	3/4	54,144	3/4	47,355	3/4	40,565	3/4	33,776		

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 11'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CBC 209"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	33,634	0	26,845	0	20,055	0	13,290	0	6,502	0		0		0		0		0	
1/4	33,493	1/4	26,704	1/4	19,914	1/4	13,149	1/4	6,360	1/4		1/4		1/4		1/4		1/4	
1/2	33,352	1/2	26,562	1/2	19,773	1/2	13,008	1/2	6,219	1/2		1/2		1/2		1/2		1/2	
3/4	33,210	3/4	26,421	3/4	19,632	3/4	12,866	3/4	6,077	3/4		3/4		3/4		3/4		3/4	
1	33,069	1	26,279	1	19,490	1	12,725	1	5,936	1		1		1		1		1	
1/4	32,927	1/4	26,138	1/4	19,349	1/4	12,583	1/4	5,795	1/4		1/4		1/4		1/4		1/4	
1/2	32,786	1/2	25,996	1/2	19,208	1/2	12,442	1/2	5,653	1/2		1/2		1/2		1/2		1/2	
3/4	32,644	3/4	25,855	3/4	19,068	3/4	12,300	3/4	5,512	3/4		3/4		3/4		3/4		3/4	
2	32,503	2	25,713	2	18,927	2	12,159	2	5,370	2		2		2		2		2	
1/4	32,361	1/4	25,572	1/4	18,786	1/4	12,018	1/4	5,229	1/4		1/4		1/4		1/4		1/4	
1/2	32,220	1/2	25,431	1/2	18,646	1/2	11,876	1/2	5,087	1/2		1/2		1/2		1/2		1/2	
3/4	32,079	3/4	25,289	3/4	18,505	3/4	11,735	3/4	4,946	3/4		3/4		3/4		3/4		3/4	
3	31,937	3	25,148	3	18,364	3	11,593	3	4,805	3		3		3		3		3	
1/4	31,796	1/4	25,006	1/4	18,223	1/4	11,452	1/4	4,663	1/4		1/4		1/4		1/4		1/4	
1/2	31,654	1/2	24,865	1/2	18,083	1/2	11,310	1/2	4,522	1/2		1/2		1/2		1/2		1/2	
3/4	31,513	3/4	24,723	3/4	17,942	3/4	11,169	3/4	4,380	3/4		3/4		3/4		3/4		3/4	
4	31,371	4	24,582	4	17,801	4	11,027	4	4,239	4		4		4		4		4	
1/4	31,230	1/4	24,440	1/4	17,661	1/4	10,886	1/4	4,098	1/4		1/4		1/4		1/4		1/4	
1/2	31,088	1/2	24,299	1/2	17,520	1/2	10,745	1/2	3,956	1/2		1/2		1/2		1/2		1/2	
3/4	30,947	3/4	24,157	3/4	17,379	3/4	10,603	3/4	3,815	3/4		3/4		3/4		3/4		3/4	
5	30,806	5	24,016	5	17,239	5	10,462	5	3,674	5		5		5		5		5	
1/4	30,664	1/4	23,875	1/4	17,098	1/4	10,320	1/4	3,532	1/4		1/4		1/4		1/4		1/4	
1/2	30,523	1/2	23,733	1/2	16,957	1/2	10,179	1/2	3,391	1/2		1/2		1/2		1/2		1/2	
3/4	30,381	3/4	23,592	3/4	16,817	3/4	10,037	3/4	3,250	3/4		3/4		3/4		3/4		3/4	
6	30,240	6	23,450	6	16,676	6	9,896	6	3,109	6		6		6		6		6	
1/4	30,098	1/4	23,309	1/4	16,535	1/4	9,755	1/4	2,968	1/4		1/4		1/4		1/4		1/4	
1/2	29,957	1/2	23,167	1/2	16,394	1/2	9,613	1/2	2,827	1/2		1/2		1/2		1/2		1/2	
3/4	29,815	3/4	23,026	3/4	16,254	3/4	9,472	3/4	2,686	3/4		3/4		3/4		3/4		3/4	
7	29,674	7	22,884	7	16,113	7	9,330	7	2,546	7		7		7		7		7	
1/4	29,533	1/4	22,743	1/4	15,972	1/4	9,189	1/4	2,405	1/4		1/4		1/4		1/4		1/4	
1/2	29,391	1/2	22,602	1/2	15,832	1/2	9,047	1/2	2,264	1/2		1/2		1/2		1/2		1/2	
3/4	29,250	3/4	22,460	3/4	15,691	3/4	8,906	3/4	2,124	3/4		3/4		3/4		3/4		3/4	
8	29,108	8	22,319	8	15,550	8	8,765	8	1,984	8		8		8		8		8	
1/4	28,967	1/4	22,177	1/4	15,410	1/4	8,623	1/4	1,844	1/4		1/4		1/4		1/4		1/4	
1/2	28,825	1/2	22,036	1/2	15,269	1/2	8,482	1/2	1,704	1/2		1/2		1/2		1/2		1/2	
3/4	28,684	3/4	21,894	3/4	15,128	3/4	8,340	3/4	1,571	3/4		3/4		3/4		3/4		3/4	
9	28,542	9	21,753	9	14,987	9	8,199	9	1,437	9		9		9		9		9	
1/4	28,401	1/4	21,611	1/4	14,846	1/4	8,057	1/4	1,304	1/4		1/4		1/4		1/4		1/4	
1/2	28,259	1/2	21,470	1/2	14,705	1/2	7,916	1/2	1,171	1/2		1/2		1/2		1/2		1/2	
3/4	28,118	3/4	21,329	3/4	14,563	3/4	7,775	3/4	1,057	3/4		3/4		3/4		3/4		3/4	
10	27,977	10	21,187	10	14,422	10	7,633	10	944	10		10		10		10		10	
1/4	27,835	1/4	21,046	1/4	14,280	1/4	7,492	1/4	831	1/4		1/4		1/4		1/4		1/4	
1/2	27,694	1/2	20,904	1/2	14,139	1/2	7,350	1/2	718	1/2		1/2		1/2		1/2		1/2	
3/4	27,552	3/4	20,763	3/4	13,998	3/4	7,209	3/4	633	3/4		3/4		3/4		3/4		3/4	
11	27,411	11	20,621	11	13,856	11	7,067	11	548	11		11		11		11		11	
1/4	27,269	1/4	20,480	1/4	13,715	1/4	6,926	1/4	464	1/4		1/4		1/4		1/4		1/4	
1/2	27,128	1/2	20,338	1/2	13,573	1/2	6,785	1/2	379	1/2		1/2		1/2		1/2		1/2	
3/4	26,986	3/4	20,197	3/4	13,432	3/4	6,643	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 209"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	88,156	0	81,539	0	74,694	0	67,849	0	61,003	0	54,158	0	47,313	0	40,468		
1/4	1/4	1/4	88,056	1/4	81,397	1/4	74,551	1/4	67,706	1/4	60,861	1/4	54,016	1/4	47,170	1/4	40,325		
1/2	1/2	1/2	87,957	1/2	81,254	1/2	74,409	1/2	67,563	1/2	60,718	1/2	53,873	1/2	47,028	1/2	40,182		
3/4	3/4	3/4	87,857	3/4	81,111	3/4	74,266	3/4	67,421	3/4	60,576	3/4	53,730	3/4	46,885	3/4	40,040		
1	1	1	87,757	1	80,969	1	74,124	1	67,278	1	60,433	1	53,588	1	46,742	1	39,897		
1/4	1/4	1/4	87,629	1/4	80,826	1/4	73,981	1/4	67,136	1/4	60,290	1/4	53,445	1/4	46,600	1/4	39,755		
1/2	1/2	1/2	87,500	1/2	80,684	1/2	73,838	1/2	66,993	1/2	60,148	1/2	53,303	1/2	46,457	1/2	39,612		
3/4	3/4	3/4	87,372	3/4	80,541	3/4	73,696	3/4	66,850	3/4	60,005	3/4	53,160	3/4	46,315	3/4	39,469		
2	2	2	87,244	2	80,398	2	73,553	2	66,708	2	59,863	2	53,017	2	46,172	2	39,327		
1/4	1/4	1/4	87,101	1/4	80,256	1/4	73,410	1/4	66,565	1/4	59,720	1/4	52,875	1/4	46,029	1/4	39,184		
1/2	1/2	1/2	86,958	1/2	80,113	1/2	73,268	1/2	66,423	1/2	59,577	1/2	52,732	1/2	45,887	1/2	39,042		
3/4	3/4	3/4	86,816	3/4	79,971	3/4	73,125	3/4	66,280	3/4	59,435	3/4	52,589	3/4	45,744	3/4	38,899		
3	3	3	86,673	3	79,828	3	72,983	3	66,137	3	59,292	3	52,447	3	45,602	3	38,756		
1/4	1/4	1/4	86,531	1/4	79,685	1/4	72,840	1/4	65,995	1/4	59,150	1/4	52,304	1/4	45,459	1/4	38,614		
1/2	1/2	1/2	86,388	1/2	79,543	1/2	72,697	1/2	65,852	1/2	59,007	1/2	52,162	1/2	45,316	1/2	38,471		
3/4	3/4	3/4	86,245	3/4	79,400	3/4	72,555	3/4	65,710	3/4	58,864	3/4	52,019	3/4	45,174	3/4	38,329		
4	4	4	86,103	4	79,257	4	72,412	4	65,567	4	58,722	4	51,876	4	45,031	4	38,186		
1/4	1/4	1/4	85,960	1/4	79,115	1/4	72,270	1/4	65,424	1/4	58,579	1/4	51,734	1/4	44,889	1/4	38,043		
1/2	1/2	1/2	85,818	1/2	78,972	1/2	72,127	1/2	65,282	1/2	58,436	1/2	51,591	1/2	44,746	1/2	37,901		
3/4	3/4	3/4	85,675	3/4	78,830	3/4	71,984	3/4	65,139	3/4	58,294	3/4	51,449	3/4	44,603	3/4	37,758		
5	5	5	85,532	5	78,687	5	71,842	5	64,997	5	58,151	5	51,306	5	44,461	5	37,615		
1/4	1/4	1/4	85,390	1/4	78,544	1/4	71,699	1/4	64,854	1/4	58,009	1/4	51,163	1/4	44,318	1/4	37,473		
1/2	1/2	1/2	85,247	1/2	78,402	1/2	71,557	1/2	64,711	1/2	57,866	1/2	51,021	1/2	44,176	1/2	37,330		
3/4	3/4	3/4	85,104	3/4	78,259	3/4	71,414	3/4	64,569	3/4	57,723	3/4	50,878	3/4	44,033	3/4	37,188		
6	6	6	84,962	6	78,117	6	71,271	6	64,426	6	57,581	6	50,736	6	43,890	6	37,045		
1/4	1/4	1/4	84,819	1/4	77,974	1/4	71,129	1/4	64,283	1/4	57,438	1/4	50,593	1/4	43,748	1/4	36,902		
1/2	1/2	1/2	84,677	1/2	77,831	1/2	70,986	1/2	64,141	1/2	57,296	1/2	50,450	1/2	43,605	1/2	36,760		
3/4	3/4	3/4	84,534	3/4	77,689	3/4	70,844	3/4	63,998	3/4	57,153	3/4	50,308	3/4	43,462	3/4	36,617		
7	7	7	84,391	7	77,546	7	70,701	7	63,856	7	57,010	7	50,165	7	43,320	7	36,475		
1/4	1/4	1/4	84,249	1/4	77,404	1/4	70,558	1/4	63,713	1/4	56,868	1/4	50,023	1/4	43,177	1/4	36,332		
1/2	1/2	1/2	84,106	1/2	77,261	1/2	70,416	1/2	63,570	1/2	56,725	1/2	49,880	1/2	43,035	1/2	36,189		
3/4	3/4	3/4	83,964	3/4	77,118	3/4	70,273	3/4	63,428	3/4	56,583	3/4	49,737	3/4	42,892	3/4	36,047		
8	8	8	83,821	8	76,976	8	70,130	8	63,285	8	56,440	8	49,595	8	42,749	8	35,904		
1/4	1/4	1/4	83,678	1/4	76,833	1/4	69,988	1/4	63,143	1/4	56,297	1/4	49,452	1/4	42,607	1/4	35,762		
1/2	1/2	1/2	83,536	1/2	76,690	1/2	69,845	1/2	63,000	1/2	56,155	1/2	49,309	1/2	42,464	1/2	35,619		
3/4	3/4	3/4	83,393	3/4	76,548	3/4	69,703	3/4	62,857	3/4	56,012	3/4	49,167	3/4	42,322	3/4	35,476		
9	9	9	83,251	9	76,405	9	69,560	9	62,715	9	55,869	9	49,024	9	42,179	9	35,334		
1/4	1/4	1/4	83,108	1/4	76,263	1/4	69,417	1/4	62,572	1/4	55,727	1/4	48,882	1/4	42,036	1/4	35,191		
1/2	1/2	1/2	82,965	1/2	76,120	1/2	69,275	1/2	62,430	1/2	55,584	1/2	48,739	1/2	41,894	1/2	35,048		
3/4	3/4	3/4	82,823	3/4	75,977	3/4	69,132	3/4	62,287	3/4	55,442	3/4	48,596	3/4	41,751	3/4	34,906		
10	10	10	82,680	10	75,835	10	68,990	10	62,144	10	55,299	10	48,454	10	41,609	10	34,763		
1/4	1/4	1/4	82,537	1/4	75,692	1/4	68,847	1/4	62,002	1/4	55,156	1/4	48,311	1/4	41,466	1/4	34,621		
1/2	1/2	1/2	82,395	1/2	75,550	1/2	68,704	1/2	61,859	1/2	55,014	1/2	48,169	1/2	41,323	1/2	34,478		
3/4	3/4	3/4	82,252	3/4	75,407	3/4	68,562	3/4	61,716	3/4	54,871	3/4	48,026	3/4	41,181	3/4	34,335		
11	11	11	82,110	11	75,264	11	68,419	11	61,574	11	54,729	11	47,883	11	41,038	11	34,193		
1/4	1/4	1/4	81,967	1/4	75,122	1/4	68,277	1/4	61,431	1/4	54,586	1/4	47,741	1/4	40,895	1/4	34,050		
1/2	1/2	1/2	81,824	1/2	74,979	1/2	68,134	1/2	61,289	1/2	54,443	1/2	47,598	1/2	40,753	1/2	33,908		
3/4	3/4	3/4	81,682	3/4	74,837	3/4	67,991	3/4	61,146	3/4	54,301	3/4	47,456	3/4	40,610	3/4	33,765		

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 13'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 209"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11"

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	33,622	0	26,777	0	19,956	0	13,400	0	6,555	0		0		0		0		0	
1/4	33,480	1/4	26,635	1/4	19,819	1/4	13,257	1/4	6,413	1/4		1/4		1/4		1/4		1/4	
1/2	33,337	1/2	26,492	1/2	19,683	1/2	13,114	1/2	6,270	1/2		1/2		1/2		1/2		1/2	
3/4	33,195	3/4	26,349	3/4	19,546	3/4	12,972	3/4	6,127	3/4		3/4		3/4		3/4		3/4	
1	33,052	1	26,207	1	19,410	1	12,829	1	5,985	1		1		1		1		1	
1/4	32,909	1/4	26,064	1/4	19,274	1/4	12,687	1/4	5,842	1/4		1/4		1/4		1/4		1/4	
1/2	32,767	1/2	25,921	1/2	19,138	1/2	12,544	1/2	5,700	1/2		1/2		1/2		1/2		1/2	
3/4	32,624	3/4	25,779	3/4	19,002	3/4	12,401	3/4	5,557	3/4		3/4		3/4		3/4		3/4	
2	32,482	2	25,636	2	18,866	2	12,259	2	5,414	2		2		2		2		2	
1/4	32,339	1/4	25,494	1/4	18,730	1/4	12,116	1/4	5,272	1/4		1/4		1/4		1/4		1/4	
1/2	32,196	1/2	25,351	1/2	18,594	1/2	11,974	1/2	5,129	1/2		1/2		1/2		1/2		1/2	
3/4	32,054	3/4	25,208	3/4	18,459	3/4	11,831	3/4	4,987	3/4		3/4		3/4		3/4		3/4	
3	31,911	3	25,066	3	18,323	3	11,688	3	4,844	3		3		3		3		3	
1/4	31,768	1/4	24,923	1/4	18,187	1/4	11,546	1/4	4,702	1/4		1/4		1/4		1/4		1/4	
1/2	31,626	1/2	24,781	1/2	18,051	1/2	11,403	1/2	4,559	1/2		1/2		1/2		1/2		1/2	
3/4	31,483	3/4	24,638	3/4	17,915	3/4	11,261	3/4	4,416	3/4		3/4		3/4		3/4		3/4	
4	31,341	4	24,495	4	17,779	4	11,118	4	4,274	4		4		4		4		4	
1/4	31,198	1/4	24,353	1/4	17,644	1/4	10,976	1/4	4,131	1/4		1/4		1/4		1/4		1/4	
1/2	31,055	1/2	24,210	1/2	17,508	1/2	10,833	1/2	3,989	1/2		1/2		1/2		1/2		1/2	
3/4	30,913	3/4	24,068	3/4	17,372	3/4	10,690	3/4	3,846	3/4		3/4		3/4		3/4		3/4	
5	30,770	5	23,925	5	17,236	5	10,548	5	3,704	5		5		5		5		5	
1/4	30,628	1/4	23,782	1/4	17,100	1/4	10,405	1/4	3,561	1/4		1/4		1/4		1/4		1/4	
1/2	30,485	1/2	23,640	1/2	16,964	1/2	10,263	1/2	3,419	1/2		1/2		1/2		1/2		1/2	
3/4	30,342	3/4	23,497	3/4	16,829	3/4	10,120	3/4	3,277	3/4		3/4		3/4		3/4		3/4	
6	30,200	6	23,355	6	16,693	6	9,977	6	3,134	6		6		6		6		6	
1/4	30,057	1/4	23,212	1/4	16,557	1/4	9,835	1/4	2,992	1/4		1/4		1/4		1/4		1/4	
1/2	29,915	1/2	23,069	1/2	16,421	1/2	9,692	1/2	2,850	1/2		1/2		1/2		1/2		1/2	
3/4	29,772	3/4	22,927	3/4	16,285	3/4	9,550	3/4	2,708	3/4		3/4		3/4		3/4		3/4	
7	29,629	7	22,784	7	16,149	7	9,407	7	2,566	7		7		7		7		7	
1/4	29,487	1/4	22,641	1/4	16,013	1/4	9,264	1/4	2,425	1/4		1/4		1/4		1/4		1/4	
1/2	29,344	1/2	22,499	1/2	15,878	1/2	9,122	1/2	2,283	1/2		1/2		1/2		1/2		1/2	
3/4	29,201	3/4	22,356	3/4	15,742	3/4	8,979	3/4	2,141	3/4		3/4		3/4		3/4		3/4	
8	29,059	8	22,214	8	15,606	8	8,837	8	2,000	8		8		8		8		8	
1/4	28,916	1/4	22,071	1/4	15,470	1/4	8,694	1/4	1,859	1/4		1/4		1/4		1/4		1/4	
1/2	28,774	1/2	21,928	1/2	15,334	1/2	8,551	1/2	1,718	1/2		1/2		1/2		1/2		1/2	
3/4	28,631	3/4	21,786	3/4	15,198	3/4	8,409	3/4	1,577	3/4		3/4		3/4		3/4		3/4	
9	28,488	9	21,643	9	15,063	9	8,266	9	1,437	9		9		9		9		9	
1/4	28,346	1/4	21,501	1/4	14,926	1/4	8,124	1/4	1,308	1/4		1/4		1/4		1/4		1/4	
1/2	28,203	1/2	21,358	1/2	14,789	1/2	7,981	1/2	1,180	1/2		1/2		1/2		1/2		1/2	
3/4	28,061	3/4	21,215	3/4	14,653	3/4	7,839	3/4	1,052	3/4		3/4		3/4		3/4		3/4	
10	27,918	10	21,073	10	14,516	10	7,696	10	924	10		10		10		10		10	
1/4	27,775	1/4	20,930	1/4	14,380	1/4	7,553	1/4	824	1/4		1/4		1/4		1/4		1/4	
1/2	27,633	1/2	20,788	1/2	14,243	1/2	7,411	1/2	724	1/2		1/2		1/2		1/2		1/2	
3/4	27,490	3/4	20,645	3/4	14,106	3/4	7,268	3/4	624	3/4		3/4		3/4		3/4		3/4	
11	27,348	11	20,502	11	13,970	11	7,126	11	524	11		11		11		11		11	
1/4	27,205	1/4	20,366	1/4	13,827	1/4	6,983	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	27,062	1/2	20,229	1/2	13,685	1/2	6,840	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26,920	3/4	20,093	3/4	13,542	3/4	6,698	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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



BARGE "CBC 209"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	88,073	0	81,573	0	74,761	0	67,949	0	61,137	0	54,325	0	47,513	0	40,701		
1/4	1/4	1/4	87,988	1/4	81,432	1/4	74,619	1/4	67,807	1/4	60,995	1/4	54,183	1/4	46,371	1/4	39,559		
1/2	1/2	1/2	87,903	1/2	81,290	1/2	74,477	1/2	67,665	1/2	60,853	1/2	54,041	1/2	47,229	1/2	40,417		
3/4	3/4	3/4	87,818	3/4	81,148	3/4	74,336	3/4	67,523	3/4	60,711	3/4	53,899	3/4	47,087	3/4	40,275		
1	1	1	87,704	1	81,006	1	74,194	1	67,382	1	60,569	1	53,757	1	46,945	1	40,133		
1/4	1/4	1/4	87,591	1/4	80,864	1/4	74,052	1/4	67,240	1/4	60,427	1/4	53,615	1/4	46,803	1/4	39,991		
1/2	1/2	1/2	87,477	1/2	80,722	1/2	73,910	1/2	67,098	1/2	60,286	1/2	53,473	1/2	46,661	1/2	39,849		
3/4	3/4	3/4	87,364	3/4	80,580	3/4	73,768	3/4	66,956	3/4	60,144	3/4	53,332	3/4	46,519	3/4	39,707		
2	2	2	87,229	2	80,438	2	73,626	2	66,814	2	60,002	2	53,190	2	46,377	2	39,565		
1/4	1/4	1/4	87,094	1/4	80,296	1/4	73,484	1/4	66,672	1/4	59,860	1/4	53,048	1/4	46,236	1/4	39,423		
1/2	1/2	1/2	86,959	1/2	80,154	1/2	73,342	1/2	66,530	1/2	59,718	1/2	52,906	1/2	46,094	1/2	39,281		
3/4	3/4	3/4	86,824	3/4	80,012	3/4	73,200	3/4	66,388	3/4	59,576	3/4	52,764	3/4	45,952	3/4	39,140		
3	3	3	86,683	3	79,870	3	73,058	3	66,246	3	59,434	3	52,622	3	45,810	3	38,998		
1/4	1/4	1/4	86,541	1/4	79,728	1/4	72,916	1/4	66,104	1/4	59,292	1/4	52,480	1/4	45,668	1/4	38,856		
1/2	1/2	1/2	86,399	1/2	79,587	1/2	72,774	1/2	65,962	1/2	59,150	1/2	52,338	1/2	45,526	1/2	38,714		
3/4	3/4	3/4	86,257	3/4	79,445	3/4	72,633	3/4	65,820	3/4	59,008	3/4	52,196	3/4	45,384	3/4	38,572		
4	4	4	86,115	4	79,303	4	72,491	4	65,678	4	58,866	4	52,054	4	45,242	4	38,430		
1/4	1/4	1/4	85,973	1/4	79,161	1/4	72,349	1/4	65,537	1/4	58,724	1/4	51,912	1/4	45,100	1/4	38,288		
1/2	1/2	1/2	85,831	1/2	79,019	1/2	72,207	1/2	65,395	1/2	58,583	1/2	51,770	1/2	44,958	1/2	38,146		
3/4	3/4	3/4	85,689	3/4	78,877	3/4	72,065	3/4	65,253	3/4	58,441	3/4	51,628	3/4	44,816	3/4	38,004		
5	5	5	85,547	5	78,735	5	71,923	5	65,111	5	58,299	5	51,487	5	44,674	5	37,862		
1/4	1/4	1/4	85,405	1/4	78,593	1/4	71,781	1/4	64,969	1/4	58,157	1/4	51,345	1/4	44,533	1/4	37,720		
1/2	1/2	1/2	85,263	1/2	78,451	1/2	71,639	1/2	64,827	1/2	58,015	1/2	51,203	1/2	44,391	1/2	37,578		
3/4	3/4	3/4	85,121	3/4	78,309	3/4	71,497	3/4	64,685	3/4	57,873	3/4	51,061	3/4	44,249	3/4	37,437		
6	6	6	84,980	6	78,167	6	71,355	6	64,543	6	57,731	6	50,919	6	44,107	6	37,295		
1/4	1/4	1/4	84,838	1/4	78,025	1/4	71,213	1/4	64,401	1/4	57,589	1/4	50,777	1/4	43,965	1/4	37,153		
1/2	1/2	1/2	84,696	1/2	77,884	1/2	71,071	1/2	64,259	1/2	57,447	1/2	50,635	1/2	43,823	1/2	37,011		
3/4	3/4	3/4	84,554	3/4	77,742	3/4	70,929	3/4	64,117	3/4	57,305	3/4	50,493	3/4	43,681	3/4	36,869		
7	7	7	84,412	7	77,600	7	70,788	7	63,975	7	57,163	7	50,351	7	43,539	7	36,727		
1/4	1/4	1/4	84,270	1/4	77,458	1/4	70,646	1/4	63,834	1/4	57,021	1/4	50,209	1/4	43,397	1/4	36,585		
1/2	1/2	1/2	84,128	1/2	77,316	1/2	70,504	1/2	63,692	1/2	56,879	1/2	50,067	1/2	43,255	1/2	36,443		
3/4	3/4	3/4	83,986	3/4	77,174	3/4	70,362	3/4	63,550	3/4	56,738	3/4	49,925	3/4	43,113	3/4	36,301		
8	8	8	83,844	8	77,032	8	70,220	8	63,408	8	56,596	8	49,784	8	42,971	8	36,159		
1/4	1/4	1/4	83,702	1/4	76,890	1/4	70,078	1/4	63,266	1/4	56,454	1/4	49,642	1/4	42,829	1/4	36,017		
1/2	1/2	1/2	83,560	1/2	76,748	1/2	69,936	1/2	63,124	1/2	56,312	1/2	49,500	1/2	42,688	1/2	35,875		
3/4	3/4	3/4	83,418	3/4	76,606	3/4	69,794	3/4	62,982	3/4	56,170	3/4	49,358	3/4	42,546	3/4	35,734		
9	9	9	83,276	9	76,464	9	69,652	9	62,840	9	56,028	9	49,216	9	42,404	9	35,592		
1/4	1/4	1/4	83,135	1/4	76,322	1/4	69,510	1/4	62,698	1/4	55,886	1/4	49,074	1/4	42,262	1/4	35,450		
1/2	1/2	1/2	82,993	1/2	76,181	1/2	69,368	1/2	62,556	1/2	55,744	1/2	48,932	1/2	42,120	1/2	35,308		
3/4	3/4	3/4	82,851	3/4	76,039	3/4	69,226	3/4	62,414	3/4	55,602	3/4	48,790	3/4	41,978	3/4	35,166		
10	10	10	82,709	10	75,897	10	69,085	10	62,272	10	55,460	10	48,648	10	41,836	10	35,024		
1/4	1/4	1/4	82,567	1/4	75,755	1/4	68,943	1/4	62,130	1/4	55,318	1/4	48,506	1/4	41,694	1/4	34,882		
1/2	1/2	1/2	82,425	1/2	75,613	1/2	68,801	1/2	61,989	1/2	55,176	1/2	48,364	1/2	41,552	1/2	34,740		
3/4	3/4	3/4	82,283	3/4	75,471	3/4	68,659	3/4	61,847	3/4	55,035	3/4	48,222	3/4	41,410	3/4	34,598		
11	11	11	82,141	11	75,329	11	68,517	11	61,705	11	54,893	11	48,080	11	41,268	11	34,456		
1/4	1/4	1/4	81,999	1/4	75,187	1/4	68,375	1/4	61,563	1/4	54,751	1/4	47,939	1/4	41,126	1/4	34,314		
1/2	1/2	1/2	81,857	1/2	75,045	1/2	68,233	1/2	61,421	1/2	54,609	1/2	47,797	1/2	40,985	1/2	34,172		
3/4	3/4	3/4	88,158	3/4	81,715	3/4	74,903	3/4	68,091	3/4	61,279	3/4	54,467	3/4	47,655	3/4	40,843	3/4	34,030

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 11'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 209"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	33,889	0	27,076	0	20,264	0	13,477	0	6,665	0		0		0		0		0	
1/4	33,747	1/4	26,935	1/4	20,122	1/4	13,335	1/4	6,523	1/4		1/4		1/4		1/4		1/4	
1/2	33,605	1/2	26,793	1/2	19,980	1/2	13,193	1/2	6,382	1/2		1/2		1/2		1/2		1/2	
3/4	33,463	3/4	26,651	3/4	19,839	3/4	13,051	3/4	6,240	3/4		3/4		3/4		3/4		3/4	
1	33,321	1	26,509	1	19,697	1	12,909	1	6,098	1		1		1		1		1	
1/4	33,179	1/4	26,367	1/4	19,555	1/4	12,767	1/4	5,956	1/4		1/4		1/4		1/4		1/4	
1/2	33,037	1/2	26,225	1/2	19,414	1/2	12,625	1/2	5,814	1/2		1/2		1/2		1/2		1/2	
3/4	32,895	3/4	26,083	3/4	19,272	3/4	12,483	3/4	5,672	3/4		3/4		3/4		3/4		3/4	
2	32,753	2	25,941	2	19,131	2	12,341	2	5,530	2		2		2		2		2	
1/4	32,611	1/4	25,799	1/4	18,990	1/4	12,199	1/4	5,388	1/4		1/4		1/4		1/4		1/4	
1/2	32,469	1/2	25,657	1/2	18,849	1/2	12,058	1/2	5,246	1/2		1/2		1/2		1/2		1/2	
3/4	32,327	3/4	25,515	3/4	18,708	3/4	11,916	3/4	5,104	3/4		3/4		3/4		3/4		3/4	
3	32,186	3	25,373	3	18,567	3	11,774	3	4,963	3		3		3		3		3	
1/4	32,044	1/4	25,231	1/4	18,425	1/4	11,632	1/4	4,821	1/4		1/4		1/4		1/4		1/4	
1/2	31,902	1/2	25,090	1/2	18,284	1/2	11,490	1/2	4,679	1/2		1/2		1/2		1/2		1/2	
3/4	31,760	3/4	24,948	3/4	18,143	3/4	11,348	3/4	4,537	3/4		3/4		3/4		3/4		3/4	
4	31,618	4	24,806	4	18,002	4	11,206	4	4,395	4		4		4		4		4	
1/4	31,476	1/4	24,664	1/4	17,861	1/4	11,064	1/4	4,253	1/4		1/4		1/4		1/4		1/4	
1/2	31,334	1/2	24,522	1/2	17,720	1/2	10,922	1/2	4,111	1/2		1/2		1/2		1/2		1/2	
3/4	31,192	3/4	24,380	3/4	17,578	3/4	10,780	3/4	3,969	3/4		3/4		3/4		3/4		3/4	
5	31,050	5	24,238	5	17,437	5	10,639	5	3,828	5		5		5		5		5	
1/4	30,908	1/4	24,096	1/4	17,296	1/4	10,497	1/4	3,686	1/4		1/4		1/4		1/4		1/4	
1/2	30,766	1/2	23,954	1/2	17,155	1/2	10,355	1/2	3,544	1/2		1/2		1/2		1/2		1/2	
3/4	30,624	3/4	23,812	3/4	17,014	3/4	10,213	3/4	3,402	3/4		3/4		3/4		3/4		3/4	
6	30,482	6	23,670	6	16,873	6	10,071	6	3,261	6		6		6		6		6	
1/4	30,341	1/4	23,528	1/4	16,731	1/4	9,929	1/4	3,119	1/4		1/4		1/4		1/4		1/4	
1/2	30,199	1/2	23,387	1/2	16,590	1/2	9,787	1/2	2,978	1/2		1/2		1/2		1/2		1/2	
3/4	30,057	3/4	23,245	3/4	16,449	3/4	9,645	3/4	2,836	3/4		3/4		3/4		3/4		3/4	
7	29,915	7	23,103	7	16,308	7	9,503	7	2,695	7		7		7		7		7	
1/4	29,773	1/4	22,961	1/4	16,167	1/4	9,361	1/4	2,554	1/4		1/4		1/4		1/4		1/4	
1/2	29,631	1/2	22,819	1/2	16,026	1/2	9,220	1/2	2,413	1/2		1/2		1/2		1/2		1/2	
3/4	29,489	3/4	22,677	3/4	15,884	3/4	9,078	3/4	2,272	3/4		3/4		3/4		3/4		3/4	
8	29,347	8	22,535	8	15,743	8	8,936	8	2,131	8		8		8		8		8	
1/4	29,205	1/4	22,393	1/4	15,602	1/4	8,794	1/4	1,991	1/4		1/4		1/4		1/4		1/4	
1/2	29,063	1/2	22,251	1/2	15,461	1/2	8,652	1/2	1,850	1/2		1/2		1/2		1/2		1/2	
3/4	28,921	3/4	22,109	3/4	15,320	3/4	8,510	3/4	1,710	3/4		3/4		3/4		3/4		3/4	
9	28,779	9	21,967	9	15,178	9	8,368	9	1,576	9		9		9		9		9	
1/4	28,638	1/4	21,825	1/4	15,037	1/4	8,226	1/4	1,442	1/4		1/4		1/4		1/4		1/4	
1/2	28,496	1/2	21,683	1/2	14,895	1/2	8,084	1/2	1,308	1/2		1/2		1/2		1/2		1/2	
3/4	28,354	3/4	21,542	3/4	14,754	3/4	7,942	3/4	1,174	3/4		3/4		3/4		3/4		3/4	
10	28,212	10	21,400	10	14,612	10	7,801	10	1,061	10		10		10		10		10	
1/4	28,070	1/4	21,258	1/4	14,470	1/4	7,659	1/4	947	1/4		1/4		1/4		1/4		1/4	
1/2	27,928	1/2	21,116	1/2	14,328	1/2	7,517	1/2	834	1/2		1/2		1/2		1/2		1/2	
3/4	27,786	3/4	20,974	3/4	14,186	3/4	7,375	3/4	721	3/4		3/4		3/4		3/4		3/4	
11	27,644	11	20,832	11	14,044	11	7,233	11	635	11		11		11		11		11	
1/4	27,502	1/4	20,690	1/4	13,902	1/4	7,091	1/4	550	1/4		1/4		1/4		1/4		1/4	
1/2	27,360	1/2	20,548	1/2	13,760	1/2	6,949	1/2	465	1/2		1/2		1/2		1/2		1/2	
3/4	27,218	3/4	20,406	3/4	13,618	3/4	6,807	3/4	380	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 209"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	88,071	0	81,368	0	74,522	0	67,675	0	60,829	0	53,983	0	47,137	0	40,290		
1/4	1/4	1/4	87,972	1/4	81,225	1/4	74,379	1/4	67,533	1/4	60,687	1/4	53,840	1/4	46,994	1/4	40,148		
1/2	1/2	1/2	87,872	1/2	81,083	1/2	74,236	1/2	67,390	1/2	60,544	1/2	53,698	1/2	46,851	1/2	40,005		
3/4	3/4	3/4	87,743	3/4	80,940	3/4	74,094	3/4	67,248	3/4	60,401	3/4	53,555	3/4	46,709	3/4	39,863		
1	1	1	87,615	1	80,797	1	73,951	1	67,105	1	60,259	1	53,412	1	46,566	1	39,720		
1/4	1/4	1/4	87,487	1/4	80,655	1/4	73,808	1/4	66,962	1/4	60,116	1/4	53,270	1/4	46,424	1/4	39,577		
1/2	1/2	1/2	87,358	1/2	80,512	1/2	73,666	1/2	66,820	1/2	59,973	1/2	53,127	1/2	46,281	1/2	39,435		
3/4	3/4	3/4	87,216	3/4	80,369	3/4	73,523	3/4	66,677	3/4	59,831	3/4	52,985	3/4	46,138	3/4	39,292		
2	2	2	87,073	2	80,227	2	73,381	2	66,534	2	59,688	2	52,842	2	45,996	2	39,149		
1/4	1/4	1/4	86,930	1/4	80,084	1/4	73,238	1/4	66,392	1/4	59,545	1/4	52,699	1/4	45,853	1/4	39,007		
1/2	1/2	1/2	86,788	1/2	79,942	1/2	73,095	1/2	66,249	1/2	59,403	1/2	52,557	1/2	45,710	1/2	38,864		
3/4	3/4	3/4	86,645	3/4	79,799	3/4	72,953	3/4	66,106	3/4	59,260	3/4	52,414	3/4	45,568	3/4	38,722		
3	3	3	86,503	3	79,656	3	72,810	3	65,964	3	59,118	3	52,271	3	45,425	3	38,579		
1/4	1/4	1/4	86,360	1/4	79,514	1/4	72,667	1/4	65,821	1/4	58,975	1/4	52,129	1/4	45,282	1/4	38,436		
1/2	1/2	1/2	86,217	1/2	79,371	1/2	72,525	1/2	65,679	1/2	58,832	1/2	51,986	1/2	45,140	1/2	38,294		
3/4	3/4	3/4	86,075	3/4	79,228	3/4	72,382	3/4	65,536	3/4	58,690	3/4	51,843	3/4	44,997	3/4	38,151		
4	4	4	85,932	4	79,086	4	72,240	4	65,393	4	58,547	4	51,701	4	44,855	4	38,008		
1/4	1/4	1/4	85,789	1/4	78,943	1/4	72,097	1/4	65,251	1/4	58,404	1/4	51,558	1/4	44,712	1/4	37,866		
1/2	1/2	1/2	85,647	1/2	78,801	1/2	71,954	1/2	65,108	1/2	58,262	1/2	51,416	1/2	44,569	1/2	37,723		
3/4	3/4	3/4	85,504	3/4	78,658	3/4	71,812	3/4	64,965	3/4	58,119	3/4	51,273	3/4	44,427	3/4	37,580		
5	5	5	85,361	5	78,515	5	71,669	5	64,823	5	57,977	5	51,130	5	44,284	5	37,438		
1/4	1/4	1/4	85,219	1/4	78,373	1/4	71,526	1/4	64,680	1/4	57,834	1/4	50,988	1/4	44,141	1/4	37,295		
1/2	1/2	1/2	85,076	1/2	78,230	1/2	71,384	1/2	64,538	1/2	57,691	1/2	50,845	1/2	43,999	1/2	37,153		
3/4	3/4	3/4	84,934	3/4	78,087	3/4	71,241	3/4	64,395	3/4	57,549	3/4	50,702	3/4	43,856	3/4	37,010		
6	6	6	84,791	6	77,945	6	71,099	6	64,252	6	57,406	6	50,560	6	43,714	6	36,867		
1/4	1/4	1/4	84,648	1/4	77,802	1/4	70,956	1/4	64,110	1/4	57,263	1/4	50,417	1/4	43,571	1/4	36,725		
1/2	1/2	1/2	84,506	1/2	77,659	1/2	70,813	1/2	63,967	1/2	57,121	1/2	50,275	1/2	43,428	1/2	36,582		
3/4	3/4	3/4	84,363	3/4	77,517	3/4	70,671	3/4	63,824	3/4	56,978	3/4	50,132	3/4	43,286	3/4	36,439		
7	7	7	84,220	7	77,374	7	70,528	7	63,682	7	56,836	7	49,989	7	43,143	7	36,297		
1/4	1/4	1/4	84,078	1/4	77,232	1/4	70,385	1/4	63,539	1/4	56,693	1/4	49,847	1/4	43,000	1/4	36,154		
1/2	1/2	1/2	83,935	1/2	77,089	1/2	70,243	1/2	63,396	1/2	56,550	1/2	49,704	1/2	42,858	1/2	36,012		
3/4	3/4	3/4	83,793	3/4	76,946	3/4	70,100	3/4	63,254	3/4	56,408	3/4	49,561	3/4	42,715	3/4	35,869		
8	8	8	83,650	8	76,804	8	69,957	8	63,111	8	56,265	8	49,419	8	42,573	8	35,726		
1/4	1/4	1/4	83,507	1/4	76,661	1/4	69,815	1/4	62,969	1/4	56,122	1/4	49,276	1/4	42,430	1/4	35,584		
1/2	1/2	1/2	83,365	1/2	76,518	1/2	69,672	1/2	62,826	1/2	55,980	1/2	49,134	1/2	42,287	1/2	35,441		
3/4	3/4	3/4	83,222	3/4	76,376	3/4	69,530	3/4	62,683	3/4	55,837	3/4	48,991	3/4	42,145	3/4	35,298		
9	9	9	83,079	9	76,233	9	69,387	9	62,541	9	55,694	9	48,848	9	42,002	9	35,156		
1/4	1/4	1/4	82,937	1/4	76,091	1/4	69,244	1/4	62,398	1/4	55,552	1/4	48,706	1/4	41,859	1/4	35,013		
1/2	1/2	1/2	82,794	1/2	75,948	1/2	69,102	1/2	62,255	1/2	55,409	1/2	48,563	1/2	41,717	1/2	34,871		
3/4	3/4	3/4	82,652	3/4	75,805	3/4	68,959	3/4	62,113	3/4	55,267	3/4	48,420	3/4	41,574	3/4	34,728		
10	10	10	82,509	10	75,663	10	68,816	10	61,970	10	55,124	10	48,278	10	41,431	10	34,585		
1/4	1/4	1/4	82,366	1/4	75,520	1/4	68,674	1/4	61,828	1/4	54,981	1/4	48,135	1/4	41,289	1/4	34,443		
1/2	1/2	1/2	82,224	1/2	75,377	1/2	68,531	1/2	61,685	1/2	54,839	1/2	47,992	1/2	41,146	1/2	34,300		
3/4	3/4	3/4	82,081	3/4	75,235	3/4	68,389	3/4	61,542	3/4	54,696	3/4	47,850	3/4	41,004	3/4	34,157		
11	11	11	81,938	11	75,092	11	68,246	11	61,400	11	54,553	11	47,707	11	40,861	11	34,015		
1/4	1/4	1/4	81,796	1/4	74,950	1/4	68,103	1/4	61,257	1/4	54,411	1/4	47,565	1/4	40,718	1/4	33,872		
1/2	1/2	1/2	88,271	1/2	81,653	1/2	74,807	1/2	67,961	1/2	61,114	1/2	54,268	1/2	47,422	1/2	40,576		
3/4	3/4	3/4	88,171	3/4	81,510	3/4	74,664	3/4	67,818	3/4	60,972	3/4	54,126	3/4	47,279	3/4	40,433		

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 13'-00" OFF CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 209"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-10 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	33,444	0	26,598	0	19,757	0	13,116	0	6,271	0		0		0		0		0	
1/4	33,302	1/4	26,455	1/4	19,615	1/4	12,974	1/4	6,128	1/4		1/4		1/4		1/4		1/4	
1/2	33,159	1/2	26,313	1/2	19,473	1/2	12,831	1/2	5,986	1/2		1/2		1/2		1/2		1/2	
3/4	33,016	3/4	26,170	3/4	19,337	3/4	12,688	3/4	5,843	3/4		3/4		3/4		3/4		3/4	
1	32,874	1	26,027	1	19,200	1	12,546	1	5,700	1		1		1		1		1	
1/4	32,731	1/4	25,885	1/4	19,064	1/4	12,403	1/4	5,558	1/4		1/4		1/4		1/4		1/4	
1/2	32,588	1/2	25,742	1/2	18,927	1/2	12,261	1/2	5,415	1/2		1/2		1/2		1/2		1/2	
3/4	32,446	3/4	25,600	3/4	18,791	3/4	12,118	3/4	5,273	3/4		3/4		3/4		3/4		3/4	
2	32,303	2	25,457	2	18,654	2	11,975	2	5,130	2		2		2		2		2	
1/4	32,161	1/4	25,314	1/4	18,518	1/4	11,833	1/4	4,987	1/4		1/4		1/4		1/4		1/4	
1/2	32,018	1/2	25,172	1/2	18,381	1/2	11,690	1/2	4,845	1/2		1/2		1/2		1/2		1/2	
3/4	31,875	3/4	25,029	3/4	18,245	3/4	11,547	3/4	4,702	3/4		3/4		3/4		3/4		3/4	
3	31,733	3	24,886	3	18,108	3	11,405	3	4,560	3		3		3		3		3	
1/4	31,590	1/4	24,744	1/4	17,972	1/4	11,262	1/4	4,417	1/4		1/4		1/4		1/4		1/4	
1/2	31,447	1/2	24,601	1/2	17,835	1/2	11,120	1/2	4,274	1/2		1/2		1/2		1/2		1/2	
3/4	31,305	3/4	24,459	3/4	17,699	3/4	10,977	3/4	4,132	3/4		3/4		3/4		3/4		3/4	
4	31,162	4	24,316	4	17,563	4	10,834	4	3,989	4		4		4		4		4	
1/4	31,020	1/4	24,173	1/4	17,426	1/4	10,692	1/4	3,847	1/4		1/4		1/4		1/4		1/4	
1/2	30,877	1/2	24,031	1/2	17,290	1/2	10,549	1/2	3,704	1/2		1/2		1/2		1/2		1/2	
3/4	30,734	3/4	23,888	3/4	17,153	3/4	10,407	3/4	3,562	3/4		3/4		3/4		3/4		3/4	
5	30,592	5	23,745	5	17,017	5	10,264	5	3,420	5		5		5		5		5	
1/4	30,449	1/4	23,603	1/4	16,880	1/4	10,121	1/4	3,277	1/4		1/4		1/4		1/4		1/4	
1/2	30,306	1/2	23,460	1/2	16,744	1/2	9,979	1/2	3,135	1/2		1/2		1/2		1/2		1/2	
3/4	30,164	3/4	23,317	3/4	16,607	3/4	9,836	3/4	2,993	3/4		3/4		3/4		3/4		3/4	
6	30,021	6	23,175	6	16,471	6	9,694	6	2,851	6		6		6		6		6	
1/4	29,878	1/4	23,032	1/4	16,334	1/4	9,551	1/4	2,709	1/4		1/4		1/4		1/4		1/4	
1/2	29,736	1/2	22,890	1/2	16,198	1/2	9,408	1/2	2,567	1/2		1/2		1/2		1/2		1/2	
3/4	29,593	3/4	22,747	3/4	16,061	3/4	9,266	3/4	2,425	3/4		3/4		3/4		3/4		3/4	
7	29,451	7	22,604	7	15,925	7	9,123	7	2,283	7		7		7		7		7	
1/4	29,308	1/4	22,462	1/4	15,788	1/4	8,980	1/4	2,142	1/4		1/4		1/4		1/4		1/4	
1/2	29,165	1/2	22,319	1/2	15,652	1/2	8,838	1/2	2,000	1/2		1/2		1/2		1/2		1/2	
3/4	29,023	3/4	22,176	3/4	15,516	3/4	8,695	3/4	1,859	3/4		3/4		3/4		3/4		3/4	
8	28,880	8	22,034	8	15,379	8	8,553	8	1,718	8		8		8		8		8	
1/4	28,737	1/4	21,891	1/4	15,243	1/4	8,410	1/4	1,578	1/4		1/4		1/4		1/4		1/4	
1/2	28,595	1/2	21,749	1/2	15,106	1/2	8,267	1/2	1,437	1/2		1/2		1/2		1/2		1/2	
3/4	28,452	3/4	21,606	3/4	14,964	3/4	8,125	3/4	1,308	3/4		3/4		3/4		3/4		3/4	
9	28,310	9	21,463	9	14,823	9	7,982	9	1,180	9		9		9		9		9	
1/4	28,167	1/4	21,321	1/4	14,681	1/4	7,840	1/4	1,052	1/4		1/4		1/4		1/4		1/4	
1/2	28,024	1/2	21,178	1/2	14,539	1/2	7,697	1/2	924	1/2		1/2		1/2		1/2		1/2	
3/4	27,882	3/4	21,035	3/4	14,397	3/4	7,554	3/4	824	3/4		3/4		3/4		3/4		3/4	
10	27,739	10	20,893	10	14,255	10	7,412	10	724	10		10		10		10		10	
1/4	27,596	1/4	20,750	1/4	14,114	1/4	7,269	1/4	624	1/4		1/4		1/4		1/4		1/4	
1/2	27,454	1/2	20,608	1/2	13,972	1/2	7,127	1/2	524	1/2		1/2		1/2		1/2		1/2	
3/4	27,311	3/4	20,466	3/4	13,829	3/4	6,984	3/4		3/4		3/4		3/4		3/4		3/4	
11	27,168	11	20,324	11	13,687	11	6,841	11		11		11		11		11		11	
1/4	27,026	1/4	20,182	1/4	13,544	1/4	6,699	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	26,883	1/2	20,040	1/2	13,401	1/2	6,556	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	26,741	3/4	19,899	3/4	13,259	3/4	6,413	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 209"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 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	156,557	0	146,566	0	134,515	0	122,465	0	110,414	0	98,364	0	86,313	0	74,263		
1/4	1/4	1/4	156,532	1/4	146,315	1/4	134,264	1/4	122,214	1/4	110,163	1/4	98,113	1/4	86,062	1/4	74,012		
1/2	1/2	1/2	156,470	1/2	146,063	1/2	134,013	1/2	121,963	1/2	109,912	1/2	97,862	1/2	85,811	1/2	73,761		
3/4	3/4	3/4	156,407	3/4	145,812	3/4	133,762	3/4	121,712	3/4	109,661	3/4	97,611	3/4	85,560	3/4	73,510		
1	1	1	156,344	1	145,561	1	133,511	1	121,460	1	109,410	1	97,360	1	85,309	1	73,259		
1/4	1/4	1/4	156,281	1/4	145,310	1/4	133,260	1/4	121,209	1/4	109,159	1/4	97,109	1/4	85,058	1/4	73,008		
1/2	1/2	1/2	156,168	1/2	145,059	1/2	133,009	1/2	120,958	1/2	108,908	1/2	96,857	1/2	84,807	1/2	72,757		
3/4	3/4	3/4	156,055	3/4	144,808	3/4	132,758	3/4	120,707	3/4	108,657	3/4	96,606	3/4	84,556	3/4	72,506		
2	2	2	155,942	2	144,557	2	132,507	2	120,456	2	108,406	2	96,355	2	84,305	2	72,255		
1/4	1/4	1/4	155,829	1/4	144,306	1/4	132,256	1/4	120,205	1/4	108,155	1/4	96,104	1/4	84,054	1/4	72,003		
1/2	1/2	1/2	155,666	1/2	144,055	1/2	132,005	1/2	119,954	1/2	107,904	1/2	95,853	1/2	83,803	1/2	71,752		
3/4	3/4	3/4	155,503	3/4	143,804	3/4	131,754	3/4	119,703	3/4	107,653	3/4	95,602	3/4	83,552	3/4	71,501		
3	3	3	155,340	3	143,553	3	131,503	3	119,452	3	107,402	3	95,351	3	83,301	3	71,250		
1/4	1/4	1/4	155,177	1/4	143,302	1/4	131,251	1/4	119,201	1/4	107,151	1/4	95,100	1/4	83,050	1/4	70,999		
1/2	1/2	1/2	154,963	1/2	143,051	1/2	131,000	1/2	118,950	1/2	106,900	1/2	94,849	1/2	82,799	1/2	70,748		
3/4	3/4	3/4	154,750	3/4	142,800	3/4	130,749	3/4	118,699	3/4	106,648	3/4	94,598	3/4	82,548	3/4	70,497		
4	4	4	154,536	4	142,549	4	130,498	4	118,448	4	106,397	4	94,347	4	82,297	4	70,246		
1/4	1/4	1/4	154,323	1/4	142,298	1/4	130,247	1/4	118,197	1/4	106,146	1/4	94,096	1/4	82,046	1/4	69,995		
1/2	1/2	1/2	154,078	1/2	142,047	1/2	129,996	1/2	117,946	1/2	105,895	1/2	93,845	1/2	81,794	1/2	69,744		
3/4	3/4	3/4	153,833	3/4	141,796	3/4	129,745	3/4	117,695	3/4	105,644	3/4	93,594	3/4	81,543	3/4	69,493		
5	5	5	153,589	5	141,545	5	129,494	5	117,444	5	105,393	5	93,343	5	81,292	5	69,242		
1/4	1/4	1/4	153,344	1/4	141,294	1/4	129,243	1/4	117,193	1/4	105,142	1/4	93,092	1/4	81,041	1/4	68,991		
1/2	1/2	1/2	153,093	1/2	141,042	1/2	128,992	1/2	116,942	1/2	104,891	1/2	92,841	1/2	80,790	1/2	68,740		
3/4	3/4	3/4	152,842	3/4	140,791	3/4	128,741	3/4	116,691	3/4	104,640	3/4	92,590	3/4	80,539	3/4	68,489		
6	6	6	152,591	6	140,540	6	128,490	6	116,439	6	104,389	6	92,339	6	80,288	6	68,238		
1/4	1/4	1/4	152,340	1/4	140,289	1/4	128,239	1/4	116,188	1/4	104,138	1/4	92,088	1/4	80,037	1/4	67,987		
1/2	1/2	1/2	152,089	1/2	140,038	1/2	127,988	1/2	115,937	1/2	103,887	1/2	91,836	1/2	79,786	1/2	67,736		
3/4	3/4	3/4	151,838	3/4	139,787	3/4	127,737	3/4	115,686	3/4	103,636	3/4	91,585	3/4	79,535	3/4	67,485		
7	7	7	151,587	7	139,536	7	127,486	7	115,435	7	103,385	7	91,334	7	79,284	7	67,233		
1/4	1/4	1/4	151,336	1/4	139,285	1/4	127,235	1/4	115,184	1/4	103,134	1/4	91,083	1/4	79,033	1/4	66,982		
1/2	1/2	1/2	151,084	1/2	139,034	1/2	126,984	1/2	114,933	1/2	102,883	1/2	90,832	1/2	78,782	1/2	66,731		
3/4	3/4	3/4	150,833	3/4	138,783	3/4	126,733	3/4	114,682	3/4	102,632	3/4	90,581	3/4	78,531	3/4	66,480		
8	8	8	150,582	8	138,532	8	126,481	8	114,431	8	102,381	8	90,330	8	78,280	8	66,229		
1/4	1/4	1/4	150,331	1/4	138,281	1/4	126,230	1/4	114,180	1/4	102,130	1/4	90,079	1/4	78,029	1/4	65,978		
1/2	1/2	1/2	150,080	1/2	138,030	1/2	125,979	1/2	113,929	1/2	101,879	1/2	89,828	1/2	77,778	1/2	65,727		
3/4	3/4	3/4	149,829	3/4	137,779	3/4	125,728	3/4	113,678	3/4	101,627	3/4	89,577	3/4	77,527	3/4	65,476		
9	9	9	149,578	9	137,528	9	125,477	9	113,427	9	101,376	9	89,326	9	77,276	9	65,225		
1/4	1/4	1/4	149,327	1/4	137,277	1/4	125,226	1/4	113,176	1/4	101,125	1/4	89,075	1/4	77,024	1/4	64,974		
1/2	1/2	1/2	149,076	1/2	137,026	1/2	124,975	1/2	112,925	1/2	100,874	1/2	88,824	1/2	76,773	1/2	64,723		
3/4	3/4	3/4	148,825	3/4	136,775	3/4	124,724	3/4	112,674	3/4	100,623	3/4	88,573	3/4	76,522	3/4	64,472		
10	10	10	148,574	10	136,524	10	124,473	10	112,423	10	100,372	10	88,322	10	76,271	10	64,221		
1/4	1/4	1/4	148,323	1/4	136,272	1/4	124,222	1/4	112,172	1/4	100,121	1/4	88,071	1/4	76,020	1/4	63,970		
1/2	1/2	1/2	148,072	1/2	136,021	1/2	123,971	1/2	111,921	1/2	99,870	1/2	87,820	1/2	75,769	1/2	63,719		
3/4	3/4	3/4	147,821	3/4	135,770	3/4	123,720	3/4	111,669	3/4	99,619	3/4	87,569	3/4	75,518	3/4	63,468		
11	11	11	147,570	11	135,519	11	123,469	11	111,418	11	99,368	11	87,318	11	75,267	11	63,217		
1/4	1/4	1/4	147,319	1/4	135,268	1/4	123,218	1/4	111,167	1/4	99,117	1/4	87,067	1/4	75,016	1/4	62,966		
1/2	1/2	1/2	147,068	1/2	135,017	1/2	122,967	1/2	110,916	1/2	98,866	1/2	86,815	1/2	74,765	1/2	62,715		
3/4	3/4	3/4	156,582	3/4	146,817	3/4	134,766	3/4	122,716	3/4	110,665	3/4	98,615	3/4	74,514	3/4	62,464		

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 2'-00" OFF CENTERLINE AND 18'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 209"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-04 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	62,212	0	50,162	0	38,112	0	26,091	0	14,042	0	2,075	0		0					0
1/4	61,961	1/4	49,911	1/4	37,861	1/4	25,841	1/4	13,791	1/4	1,843	1/4		1/4				1/4	1/4
1/2	61,710	1/2	49,660	1/2	37,609	1/2	25,590	1/2	13,540	1/2	1,655	1/2		1/2				1/2	1/2
3/4	61,459	3/4	49,409	3/4	37,358	3/4	25,339	3/4	13,289	3/4	1,467	3/4		3/4				3/4	3/4
1	61,208	1	49,158	1	37,107	1	25,088	1	13,038	1	1,279	1		1				1	1
1/4	60,957	1/4	48,907	1/4	36,856	1/4	24,836	1/4	12,787	1/4	1,091	1/4		1/4				1/4	1/4
1/2	60,706	1/2	48,656	1/2	36,605	1/2	24,585	1/2	12,536	1/2	952	1/2		1/2				1/2	1/2
3/4	60,455	3/4	48,405	3/4	36,354	3/4	24,334	3/4	12,285	3/4	814	3/4		3/4				3/4	3/4
2	60,204	2	48,154	2	36,103	2	24,083	2	12,034	2	676	2		2				2	2
1/4	59,953	1/4	47,903	1/4	35,852	1/4	23,832	1/4	11,783	1/4	538	1/4		1/4				1/4	1/4
1/2	59,702	1/2	47,652	1/2	35,601	1/2	23,581	1/2	11,532	1/2	450	1/2		1/2				1/2	1/2
3/4	59,451	3/4	47,400	3/4	35,350	3/4	23,330	3/4	11,281	3/4	363	3/4		3/4				3/4	3/4
3	59,200	3	47,149	3	35,099	3	23,079	3	11,030	3	275	3		3				3	3
1/4	58,949	1/4	46,898	1/4	34,848	1/4	22,828	1/4	10,779	1/4	187	1/4		1/4				1/4	1/4
1/2	58,698	1/2	46,647	1/2	34,598	1/2	22,577	1/2	10,528	1/2	149	1/2		1/2				1/2	1/2
3/4	58,447	3/4	46,396	3/4	34,347	3/4	22,326	3/4	10,277	3/4	112	3/4		3/4				3/4	3/4
4	58,196	4	46,145	4	34,097	4	22,075	4	10,026	4	74	4		4				4	4
1/4	57,945	1/4	45,894	1/4	33,847	1/4	21,824	1/4	9,775	1/4	36	1/4		1/4				1/4	1/4
1/2	57,694	1/2	45,643	1/2	33,596	1/2	21,573	1/2	9,524	1/2		1/2		1/2				1/2	1/2
3/4	57,442	3/4	45,392	3/4	33,346	3/4	21,322	3/4	9,273	3/4		3/4		3/4				3/4	3/4
5	57,191	5	45,141	5	33,096	5	21,071	5	9,021	5		5		5				5	5
1/4	56,940	1/4	44,890	1/4	32,846	1/4	20,820	1/4	8,770	1/4		1/4		1/4				1/4	1/4
1/2	56,689	1/2	44,639	1/2	32,596	1/2	20,569	1/2	8,519	1/2		1/2		1/2				1/2	1/2
3/4	56,438	3/4	44,388	3/4	32,346	3/4	20,318	3/4	8,268	3/4		3/4		3/4				3/4	3/4
6	56,187	6	44,137	6	32,096	6	20,067	6	8,017	6		6		6				6	6
1/4	55,936	1/4	43,886	1/4	31,846	1/4	19,816	1/4	7,766	1/4		1/4		1/4				1/4	1/4
1/2	55,685	1/2	43,635	1/2	31,596	1/2	19,565	1/2	7,515	1/2		1/2		1/2				1/2	1/2
3/4	55,434	3/4	43,384	3/4	31,346	3/4	19,314	3/4	7,265	3/4		3/4		3/4				3/4	3/4
7	55,183	7	43,133	7	31,095	7	19,063	7	7,014	7		7		7				7	7
1/4	54,932	1/4	42,882	1/4	30,845	1/4	18,812	1/4	6,763	1/4		1/4		1/4				1/4	1/4
1/2	54,681	1/2	42,630	1/2	30,595	1/2	18,561	1/2	6,512	1/2		1/2		1/2				1/2	1/2
3/4	54,430	3/4	42,379	3/4	30,345	3/4	18,310	3/4	6,261	3/4		3/4		3/4				3/4	3/4
8	54,179	8	42,128	8	30,095	8	18,059	8	6,011	8		8		8				8	8
1/4	53,928	1/4	41,877	1/4	29,845	1/4	17,808	1/4	5,760	1/4		1/4		1/4				1/4	1/4
1/2	53,677	1/2	41,626	1/2	29,595	1/2	17,557	1/2	5,510	1/2		1/2		1/2				1/2	1/2
3/4	53,426	3/4	41,375	3/4	29,345	3/4	17,306	3/4	5,260	3/4		3/4		3/4				3/4	3/4
9	53,175	9	41,124	9	29,095	9	17,055	9	5,009	9		9		9				9	9
1/4	52,924	1/4	40,873	1/4	28,845	1/4	16,803	1/4	4,759	1/4		1/4		1/4				1/4	1/4
1/2	52,673	1/2	40,622	1/2	28,595	1/2	16,552	1/2	4,510	1/2		1/2		1/2				1/2	1/2
3/4	52,421	3/4	40,371	3/4	28,344	3/4	16,301	3/4	4,260	3/4		3/4		3/4				3/4	3/4
10	52,170	10	40,120	10	28,094	10	16,050	10	4,011	10		10		10				10	10
1/4	51,919	1/4	39,869	1/4	27,844	1/4	15,799	1/4	3,761	1/4		1/4		1/4				1/4	1/4
1/2	51,668	1/2	39,618	1/2	27,594	1/2	15,548	1/2	3,513	1/2		1/2		1/2				1/2	1/2
3/4	51,417	3/4	39,367	3/4	27,344	3/4	15,297	3/4	3,265	3/4		3/4		3/4				3/4	3/4
11	51,166	11	39,116	11	27,094	11	15,046	11	3,017	11		11		11				11	11
1/4	50,915	1/4	38,865	1/4	26,844	1/4	14,795	1/4	2,768	1/4		1/4		1/4				1/4	1/4
1/2	50,664	1/2	38,614	1/2	26,593	1/2	14,544	1/2	2,537	1/2		1/2		1/2				1/2	1/2
3/4	50,413	3/4	38,363	3/4	26,342	3/4	14,293	3/4	2,306	3/4		3/4		3/4				3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/22/2015 CL
CALCULATED: 12/22/2015 CL
PRINTED: 12/22/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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