

BARGE "CBC 1000"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

August 3, 2018

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

<http://www.pmacorp.net>

Tom Jacaman



BARGE "CBC 1000"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	471	0	8,470	0	17,202	0	25,539	0	34,126	0	42,819	0	51,515	0	60,224	0	68,911	0	77,620
1/4	565	1/4	8,652	1/4	17,384	1/4	25,707	1/4	34,308	1/4	43,000	1/4	51,697	1/4	60,405	1/4	69,093	1/4	77,801
1/2	660	1/2	8,834	1/2	17,566	1/2	25,876	1/2	34,489	1/2	43,180	1/2	51,878	1/2	60,586	1/2	69,274	1/2	77,982
3/4	754	3/4	9,015	3/4	17,748	3/4	26,045	3/4	34,671	3/4	43,361	3/4	52,060	3/4	60,767	3/4	69,456	3/4	78,164
1	848	1	9,197	1	17,930	1	26,213	1	34,852	1	43,542	1	52,241	1	60,948	1	69,637	1	78,345
1/4	973	1/4	9,379	1/4	18,112	1/4	26,382	1/4	35,033	1/4	43,723	1/4	52,422	1/4	61,129	1/4	69,819	1/4	78,526
1/2	1,097	1/2	9,561	1/2	18,294	1/2	26,551	1/2	35,215	1/2	43,903	1/2	52,604	1/2	61,310	1/2	70,000	1/2	78,707
3/4	1,221	3/4	9,743	3/4	18,476	3/4	26,720	3/4	35,396	3/4	44,084	3/4	52,785	3/4	61,491	3/4	70,181	3/4	78,889
2	1,345	2	9,925	2	18,658	2	26,889	2	35,578	2	44,265	2	52,967	2	61,672	2	70,363	2	79,070
1/4	1,500	1/4	10,107	1/4	18,840	1/4	27,065	1/4	35,759	1/4	44,446	1/4	53,148	1/4	61,853	1/4	70,544	1/4	79,251
1/2	1,655	1/2	10,289	1/2	19,022	1/2	27,242	1/2	35,941	1/2	44,626	1/2	53,330	1/2	62,034	1/2	70,726	1/2	79,433
3/4	1,810	3/4	10,471	3/4	19,204	3/4	27,418	3/4	36,122	3/4	44,807	3/4	53,511	3/4	62,215	3/4	70,907	3/4	79,614
3	1,965	3	10,653	3	19,385	3	27,595	3	36,303	3	44,988	3	53,692	3	62,396	3	71,089	3	79,795
1/4	2,139	1/4	10,835	1/4	19,567	1/4	27,776	1/4	36,485	1/4	45,168	1/4	53,874	1/4	62,576	1/4	71,270	1/4	79,976
1/2	2,314	1/2	11,016	1/2	19,749	1/2	27,958	1/2	36,666	1/2	45,349	1/2	54,055	1/2	62,757	1/2	71,451	1/2	80,158
3/4	2,488	3/4	11,198	3/4	19,931	3/4	28,139	3/4	36,848	3/4	45,530	3/4	54,237	3/4	62,938	3/4	71,633	3/4	80,339
4	2,663	4	11,380	4	20,113	4	28,320	4	37,029	4	45,711	4	54,418	4	63,119	4	71,814	4	80,520
1/4	2,843	1/4	11,562	1/4	20,287	1/4	28,502	1/4	37,211	1/4	45,892	1/4	54,600	1/4	63,300	1/4	71,996	1/4	80,702
1/2	3,023	1/2	11,744	1/2	20,461	1/2	28,683	1/2	37,392	1/2	46,073	1/2	54,781	1/2	63,481	1/2	72,177	1/2	80,883
3/4	3,203	3/4	11,926	3/4	20,635	3/4	28,865	3/4	37,573	3/4	46,254	3/4	54,962	3/4	63,662	3/4	72,359	3/4	81,064
5	3,383	5	12,108	5	20,809	5	29,046	5	37,755	5	46,435	5	55,144	5	63,843	5	72,540	5	81,245
1/4	3,564	1/4	12,290	1/4	20,978	1/4	29,228	1/4	37,936	1/4	46,617	1/4	55,325	1/4	64,024	1/4	72,721	1/4	81,427
1/2	3,745	1/2	12,472	1/2	21,147	1/2	29,409	1/2	38,118	1/2	46,798	1/2	55,507	1/2	64,205	1/2	72,903	1/2	81,608
3/4	3,925	3/4	12,654	3/4	21,316	3/4	29,590	3/4	38,299	3/4	46,980	3/4	55,688	3/4	64,385	3/4	73,084	3/4	81,789
6	4,106	6	12,836	6	21,485	6	29,772	6	38,481	6	47,161	6	55,870	6	64,566	6	73,266	6	81,971
1/4	4,288	1/4	13,018	1/4	21,654	1/4	29,953	1/4	38,662	1/4	47,342	1/4	56,051	1/4	64,747	1/4	73,447	1/4	82,152
1/2	4,469	1/2	13,199	1/2	21,824	1/2	30,135	1/2	38,843	1/2	47,524	1/2	56,232	1/2	64,928	1/2	73,629	1/2	82,334
3/4	4,651	3/4	13,381	3/4	21,993	3/4	30,316	3/4	39,024	3/4	47,705	3/4	56,414	3/4	65,109	3/4	73,810	3/4	82,515
7	4,832	7	13,563	7	22,162	7	30,498	7	39,205	7	47,887	7	56,595	7	65,290	7	73,992	7	82,696
1/4	5,014	1/4	13,745	1/4	22,331	1/4	30,679	1/4	39,385	1/4	48,068	1/4	56,777	1/4	65,471	1/4	74,173	1/4	82,878
1/2	5,196	1/2	13,927	1/2	22,500	1/2	30,860	1/2	39,566	1/2	48,250	1/2	56,958	1/2	65,652	1/2	74,354	1/2	83,059
3/4	5,377	3/4	14,109	3/4	22,669	3/4	31,042	3/4	39,747	3/4	48,431	3/4	57,140	3/4	65,833	3/4	74,536	3/4	83,241
8	5,559	8	14,291	8	22,838	8	31,223	8	39,927	8	48,612	8	57,321	8	66,014	8	74,717	8	83,422
1/4	5,741	1/4	14,473	1/4	23,006	1/4	31,405	1/4	40,108	1/4	48,794	1/4	57,503	1/4	66,194	1/4	74,899	1/4	83,603
1/2	5,923	1/2	14,655	1/2	23,175	1/2	31,586	1/2	40,289	1/2	48,975	1/2	57,684	1/2	66,375	1/2	75,080	1/2	83,785
3/4	6,105	3/4	14,837	3/4	23,344	3/4	31,768	3/4	40,470	3/4	49,157	3/4	57,865	3/4	66,556	3/4	75,262	3/4	83,966
9	6,287	9	15,019	9	23,513	9	31,949	9	40,650	9	49,338	9	58,047	9	66,737	9	75,443	9	84,148
1/4	6,469	1/4	15,201	1/4	23,682	1/4	32,130	1/4	40,831	1/4	49,520	1/4	58,228	1/4	66,918	1/4	75,624	1/4	84,329
1/2	6,651	1/2	15,383	1/2	23,851	1/2	32,312	1/2	41,012	1/2	49,701	1/2	58,410	1/2	67,099	1/2	75,806	1/2	84,510
3/4	6,833	3/4	15,565	3/4	24,020	3/4	32,493	3/4	41,192	3/4	49,882	3/4	58,591	3/4	67,280	3/4	75,987	3/4	84,692
10	7,014	10	15,747	10	24,189	10	32,675	10	41,373	10	50,064	10	58,773	10	67,461	10	76,169	10	84,873
1/4	7,196	1/4	15,929	1/4	24,358	1/4	32,856	1/4	41,554	1/4	50,245	1/4	58,954	1/4	67,642	1/4	76,350	1/4	85,054
1/2	7,378	1/2	16,110	1/2	24,526	1/2	33,038	1/2	41,735	1/2	50,427	1/2	59,135	1/2	67,823	1/2	76,532	1/2	85,236
3/4	7,560	3/4	16,292	3/4	24,695	3/4	33,219	3/4	41,915	3/4	50,608	3/4	59,317	3/4	68,004	3/4	76,713	3/4	85,417
11	7,742	11	16,474	11	24,864	11	33,400	11	42,096	11	50,790	11	59,498	11	68,186	11	76,894	11	85,599
1/4	7,924	1/4	16,656	1/4	25,033	1/4	33,582	1/4	42,277	1/4	50,971	1/4	59,680	1/4	68,367	1/4	77,076	1/4	85,780
1/2	8,106	1/2	16,838	1/2	25,201	1/2	33,763	1/2	42,458	1/2	51,152	1/2	59,861	1/2	68,549	1/2	77,257	1/2	85,961
3/4	8,288	3/4	17,020	3/4	25,370	3/4	33,945	3/4	42,638	3/4	51,334	3/4	60,043	3/4	68,730	3/4	77,438	3/4	86,143

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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 Pearland, Texas 77588
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BARGE "CBC 1000"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	86,324	0	94,743	0	102,455	0	110,167	0	117,879	0		0		0		0		0	
1/4	86,506	1/4	94,903	1/4	102,615	1/4	110,327	1/4	118,021	1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	86,687	1/2	95,064	1/2	102,776	1/2	110,488	1/2	118,162	1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	86,868	3/4	95,225	3/4	102,937	3/4	110,649	3/4	118,304	3/4		3/4	3/4	3/4	3/4		3/4	3/4	
1	87,050	1	95,385	1	103,097	1	110,809	1	118,446	1		1		1		1		1	
1/4	87,231	1/4	95,546	1/4	103,258	1/4	110,970	1/4	118,557	1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	87,413	1/2	95,707	1/2	103,419	1/2	111,131	1/2	118,669	1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	87,594	3/4	95,867	3/4	103,579	3/4	111,291	3/4	118,780	3/4		3/4	3/4	3/4	3/4		3/4	3/4	
2	87,775	2	96,028	2	103,740	2	111,452	2	118,891	2		2		2		2		2	
1/4	87,957	1/4	96,189	1/4	103,901	1/4	111,613	1/4	118,972	1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	88,138	1/2	96,349	1/2	104,061	1/2	111,773	1/2	119,053	1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	88,320	3/4	96,510	3/4	104,222	3/4	111,934	3/4	119,135	3/4		3/4	3/4	3/4	3/4		3/4	3/4	
3	88,501	3	96,671	3	104,383	3	112,095	3	119,216	3		3		3		3		3	
1/4	88,683	1/4	96,831	1/4	104,543	1/4	112,255	1/4	119,266	1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	88,865	1/2	96,992	1/2	104,704	1/2	112,416	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	89,046	3/4	97,153	3/4	104,865	3/4	112,577	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
4	89,228	4	97,313	4	105,025	4	112,737	4		4		4		4		4		4	
1/4	89,410	1/4	97,474	1/4	105,186	1/4	112,898	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	89,592	1/2	97,635	1/2	105,347	1/2	113,059	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	89,774	3/4	97,795	3/4	105,507	3/4	113,219	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
5	89,956	5	97,956	5	105,668	5	113,380	5		5		5		5		5		5	
1/4	90,138	1/4	98,117	1/4	105,829	1/4	113,541	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	90,320	1/2	98,277	1/2	105,989	1/2	113,701	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	90,502	3/4	98,438	3/4	106,150	3/4	113,862	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
6	90,684	6	98,599	6	106,311	6	114,023	6		6		6		6		6		6	
1/4	90,866	1/4	98,759	1/4	106,471	1/4	114,183	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	91,048	1/2	98,920	1/2	106,632	1/2	114,344	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	91,230	3/4	99,081	3/4	106,793	3/4	114,505	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
7	91,412	7	99,241	7	106,953	7	114,665	7		7		7		7		7		7	
1/4	91,594	1/4	99,402	1/4	107,114	1/4	114,826	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	91,776	1/2	99,563	1/2	107,275	1/2	114,987	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	91,958	3/4	99,723	3/4	107,435	3/4	115,147	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
8	92,140	8	99,884	8	107,596	8	115,308	8		8		8		8		8		8	
1/4	92,309	1/4	100,045	1/4	107,757	1/4	115,469	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	92,477	1/2	100,205	1/2	107,917	1/2	115,629	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	92,646	3/4	100,366	3/4	108,078	3/4	115,790	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
9	92,815	9	100,527	9	108,239	9	115,951	9		9		9		9		9		9	
1/4	92,975	1/4	100,687	1/4	108,399	1/4	116,111	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	93,136	1/2	100,848	1/2	108,560	1/2	116,272	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	93,297	3/4	101,009	3/4	108,721	3/4	116,433	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
10	93,457	10	101,169	10	108,881	10	116,594	10		10		10		10		10		10	
1/4	93,618	1/4	101,330	1/4	109,042	1/4	116,754	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	93,779	1/2	101,491	1/2	109,203	1/2	116,915	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	93,939	3/4	101,651	3/4	109,363	3/4	117,076	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	
11	94,100	11	101,812	11	109,524	11	117,236	11		11		11		11		11		11	
1/4	94,261	1/4	101,973	1/4	109,685	1/4	117,397	1/4		1/4		1/4	1/4	1/4	1/4		1/4	1/4	
1/2	94,421	1/2	102,133	1/2	109,845	1/2	117,558	1/2		1/2		1/2	1/2	1/2	1/2		1/2	1/2	
3/4	94,582	3/4	102,294	3/4	110,006	3/4	117,718	3/4		3/4		3/4	3/4	3/4	3/4		3/4	3/4	

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1000"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	471	0	8,465	0	17,193	0	25,525	0	34,109	0	42,797	0	51,489	0	60,193	0	68,876	0	77,580
1/4	565	1/4	8,647	1/4	17,375	1/4	25,694	1/4	34,290	1/4	42,978	1/4	51,670	1/4	60,374	1/4	69,058	1/4	77,761
1/2	659	1/2	8,829	1/2	17,557	1/2	25,863	1/2	34,471	1/2	43,158	1/2	51,852	1/2	60,555	1/2	69,239	1/2	77,943
3/4	754	3/4	9,011	3/4	17,739	3/4	26,031	3/4	34,653	3/4	43,339	3/4	52,033	3/4	60,736	3/4	69,420	3/4	78,124
1	848	1	9,193	1	17,921	1	26,200	1	34,834	1	43,520	1	52,214	1	60,917	1	69,602	1	78,305
1/4	972	1/4	9,375	1/4	18,103	1/4	26,369	1/4	35,015	1/4	43,700	1/4	52,396	1/4	61,098	1/4	69,783	1/4	78,486
1/2	1,096	1/2	9,556	1/2	18,285	1/2	26,537	1/2	35,197	1/2	43,881	1/2	52,577	1/2	61,279	1/2	69,964	1/2	78,667
3/4	1,221	3/4	9,738	3/4	18,466	3/4	26,706	3/4	35,378	3/4	44,061	3/4	52,758	3/4	61,460	3/4	70,146	3/4	78,848
2	1,345	2	9,920	2	18,648	2	26,875	2	35,559	2	44,242	2	52,940	2	61,640	2	70,327	2	79,030
1/4	1,500	1/4	10,102	1/4	18,830	1/4	27,051	1/4	35,741	1/4	44,423	1/4	53,121	1/4	61,821	1/4	70,508	1/4	79,211
1/2	1,654	1/2	10,284	1/2	19,012	1/2	27,228	1/2	35,922	1/2	44,603	1/2	53,302	1/2	62,002	1/2	70,690	1/2	79,392
3/4	1,809	3/4	10,465	3/4	19,194	3/4	27,404	3/4	36,103	3/4	44,784	3/4	53,484	3/4	62,183	3/4	70,871	3/4	79,573
3	1,964	3	10,647	3	19,376	3	27,581	3	36,285	3	44,965	3	53,665	3	62,364	3	71,052	3	79,754
1/4	2,138	1/4	10,829	1/4	19,558	1/4	27,762	1/4	36,466	1/4	45,145	1/4	53,846	1/4	62,545	1/4	71,234	1/4	79,936
1/2	2,313	1/2	11,011	1/2	19,739	1/2	27,943	1/2	36,647	1/2	45,326	1/2	54,028	1/2	62,725	1/2	71,415	1/2	80,117
3/4	2,487	3/4	11,193	3/4	19,921	3/4	28,125	3/4	36,829	3/4	45,507	3/4	54,209	3/4	62,906	3/4	71,596	3/4	80,298
4	2,661	4	11,375	4	20,103	4	28,306	4	37,010	4	45,687	4	54,390	4	63,087	4	71,778	4	80,479
1/4	2,841	1/4	11,556	1/4	20,277	1/4	28,487	1/4	37,191	1/4	45,868	1/4	54,572	1/4	63,268	1/4	71,959	1/4	80,660
1/2	3,021	1/2	11,738	1/2	20,451	1/2	28,669	1/2	37,373	1/2	46,049	1/2	54,753	1/2	63,449	1/2	72,140	1/2	80,842
3/4	3,201	3/4	11,920	3/4	20,625	3/4	28,850	3/4	37,554	3/4	46,230	3/4	54,934	3/4	63,629	3/4	72,322	3/4	81,023
5	3,381	5	12,102	5	20,798	5	29,031	5	37,735	5	46,411	5	55,116	5	63,810	5	72,503	5	81,204
1/4	3,562	1/4	12,284	1/4	20,967	1/4	29,213	1/4	37,917	1/4	46,593	1/4	55,297	1/4	63,991	1/4	72,684	1/4	81,385
1/2	3,743	1/2	12,465	1/2	21,136	1/2	29,394	1/2	38,098	1/2	46,774	1/2	55,478	1/2	64,172	1/2	72,866	1/2	81,566
3/4	3,924	3/4	12,647	3/4	21,305	3/4	29,575	3/4	38,279	3/4	46,955	3/4	55,660	3/4	64,353	3/4	73,047	3/4	81,748
6	4,104	6	12,829	6	21,474	6	29,757	6	38,461	6	47,137	6	55,841	6	64,533	6	73,228	6	81,929
1/4	4,286	1/4	13,011	1/4	21,643	1/4	29,938	1/4	38,642	1/4	47,318	1/4	56,022	1/4	64,714	1/4	73,410	1/4	82,110
1/2	4,467	1/2	13,193	1/2	21,812	1/2	30,119	1/2	38,823	1/2	47,499	1/2	56,204	1/2	64,895	1/2	73,591	1/2	82,292
3/4	4,648	3/4	13,375	3/4	21,981	3/4	30,301	3/4	39,004	3/4	47,681	3/4	56,385	3/4	65,076	3/4	73,772	3/4	82,473
7	4,830	7	13,556	7	22,150	7	30,482	7	39,184	7	47,862	7	56,566	7	65,257	7	73,954	7	82,654
1/4	5,011	1/4	13,738	1/4	22,319	1/4	30,663	1/4	39,365	1/4	48,043	1/4	56,748	1/4	65,437	1/4	74,135	1/4	82,835
1/2	5,193	1/2	13,920	1/2	22,488	1/2	30,845	1/2	39,546	1/2	48,225	1/2	56,929	1/2	65,618	1/2	74,316	1/2	83,017
3/4	5,375	3/4	14,102	3/4	22,657	3/4	31,026	3/4	39,726	3/4	48,406	3/4	57,110	3/4	65,799	3/4	74,498	3/4	83,198
8	5,556	8	14,284	8	22,826	8	31,207	8	39,907	8	48,588	8	57,292	8	65,980	8	74,679	8	83,379
1/4	5,738	1/4	14,466	1/4	22,995	1/4	31,389	1/4	40,088	1/4	48,769	1/4	57,473	1/4	66,161	1/4	74,860	1/4	83,561
1/2	5,920	1/2	14,647	1/2	23,164	1/2	31,570	1/2	40,268	1/2	48,950	1/2	57,654	1/2	66,341	1/2	75,042	1/2	83,742
3/4	6,102	3/4	14,829	3/4	23,332	3/4	31,751	3/4	40,449	3/4	49,132	3/4	57,836	3/4	66,522	3/4	75,223	3/4	83,923
9	6,284	9	15,011	9	23,501	9	31,933	9	40,629	9	49,313	9	58,017	9	66,703	9	75,404	9	84,105
1/4	6,465	1/4	15,193	1/4	23,670	1/4	32,114	1/4	40,810	1/4	49,494	1/4	58,198	1/4	66,884	1/4	75,586	1/4	84,286
1/2	6,647	1/2	15,375	1/2	23,839	1/2	32,295	1/2	40,991	1/2	49,676	1/2	58,380	1/2	67,065	1/2	75,767	1/2	84,467
3/4	6,829	3/4	15,557	3/4	24,008	3/4	32,477	3/4	41,171	3/4	49,857	3/4	58,561	3/4	67,246	3/4	75,948	3/4	84,649
10	7,011	10	15,739	10	24,176	10	32,658	10	41,352	10	50,038	10	58,742	10	67,426	10	76,130	10	84,830
1/4	7,193	1/4	15,920	1/4	24,345	1/4	32,839	1/4	41,533	1/4	50,220	1/4	58,924	1/4	67,607	1/4	76,311	1/4	85,011
1/2	7,375	1/2	16,102	1/2	24,514	1/2	33,021	1/2	41,713	1/2	50,401	1/2	59,105	1/2	67,789	1/2	76,492	1/2	85,192
3/4	7,556	3/4	16,284	3/4	24,683	3/4	33,202	3/4	41,894	3/4	50,582	3/4	59,287	3/4	67,970	3/4	76,674	3/4	85,374
11	7,738	11	16,466	11	24,851	11	33,383	11	42,075	11	50,764	11	59,468	11	68,151	11	76,855	11	85,555
1/4	7,920	1/4	16,648	1/4	25,020	1/4	33,565	1/4	42,255	1/4	50,945	1/4	59,649	1/4	68,332	1/4	77,036	1/4	85,736
1/2	8,102	1/2	16,830	1/2	25,188	1/2	33,746	1/2	42,436	1/2	51,126	1/2	59,831	1/2	68,514	1/2	77,218	1/2	85,918
3/4	8,284	3/4	17,012	3/4	25,357	3/4	33,927	3/4	42,616	3/4	51,308	3/4	60,012	3/4	68,695	3/4	77,399	3/4	86,099

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 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1000"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	86,280	0	94,694	0	102,402	0	110,110	0	117,818	0		0		0		0		0	
1/4	86,462	1/4	94,855	1/4	102,563	1/4	110,271	1/4	117,960	1/4		1/4		1/4		1/4		1/4	
1/2	86,643	1/2	95,016	1/2	102,723	1/2	110,431	1/2	118,101	1/2		1/2		1/2		1/2		1/2	
3/4	86,824	3/4	95,176	3/4	102,884	3/4	110,592	3/4	118,243	3/4		3/4		3/4		3/4		3/4	
1	87,005	1	95,337	1	103,045	1	110,753	1	118,385	1		1		1		1		1	
1/4	87,187	1/4	95,497	1/4	103,205	1/4	110,913	1/4	118,496	1/4		1/4		1/4		1/4		1/4	
1/2	87,368	1/2	95,658	1/2	103,366	1/2	111,074	1/2	118,607	1/2		1/2		1/2		1/2		1/2	
3/4	87,549	3/4	95,818	3/4	103,526	3/4	111,234	3/4	118,719	3/4		3/4		3/4		3/4		3/4	
2	87,731	2	95,979	2	103,687	2	111,395	2	118,830	2		2		2		2		2	
1/4	87,912	1/4	96,140	1/4	103,848	1/4	111,555	1/4	118,911	1/4		1/4		1/4		1/4		1/4	
1/2	88,093	1/2	96,300	1/2	104,008	1/2	111,716	1/2	118,992	1/2		1/2		1/2		1/2		1/2	
3/4	88,275	3/4	96,461	3/4	104,169	3/4	111,877	3/4	119,073	3/4		3/4		3/4		3/4		3/4	
3	88,456	3	96,621	3	104,329	3	112,037	3	119,154	3		3		3		3		3	
1/4	88,638	1/4	96,782	1/4	104,490	1/4	112,198	1/4	119,205	1/4		1/4		1/4		1/4		1/4	
1/2	88,819	1/2	96,943	1/2	104,650	1/2	112,358	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	89,001	3/4	97,103	3/4	104,811	3/4	112,519	3/4		3/4		3/4		3/4		3/4		3/4	
4	89,183	4	97,264	4	104,972	4	112,679	4		4		4		4		4		4	
1/4	89,365	1/4	97,424	1/4	105,132	1/4	112,840	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89,546	1/2	97,585	1/2	105,293	1/2	113,001	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	89,728	3/4	97,745	3/4	105,453	3/4	113,161	3/4		3/4		3/4		3/4		3/4		3/4	
5	89,910	5	97,906	5	105,614	5	113,322	5		5		5		5		5		5	
1/4	90,092	1/4	98,067	1/4	105,774	1/4	113,482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	90,274	1/2	98,227	1/2	105,935	1/2	113,643	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90,456	3/4	98,388	3/4	106,096	3/4	113,804	3/4		3/4		3/4		3/4		3/4		3/4	
6	90,638	6	98,548	6	106,256	6	113,964	6		6		6		6		6		6	
1/4	90,820	1/4	98,709	1/4	106,417	1/4	114,125	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	91,002	1/2	98,869	1/2	106,577	1/2	114,285	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	91,184	3/4	99,030	3/4	106,738	3/4	114,446	3/4		3/4		3/4		3/4		3/4		3/4	
7	91,365	7	99,191	7	106,899	7	114,606	7		7		7		7		7		7	
1/4	91,547	1/4	99,351	1/4	107,059	1/4	114,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	91,729	1/2	99,512	1/2	107,220	1/2	114,928	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	91,911	3/4	99,672	3/4	107,380	3/4	115,088	3/4		3/4		3/4		3/4		3/4		3/4	
8	92,093	8	99,833	8	107,541	8	115,249	8		8		8		8		8		8	
1/4	92,262	1/4	99,994	1/4	107,701	1/4	115,409	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	92,430	1/2	100,154	1/2	107,862	1/2	115,570	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	92,599	3/4	100,315	3/4	108,023	3/4	115,731	3/4		3/4		3/4		3/4		3/4		3/4	
9	92,767	9	100,475	9	108,183	9	115,891	9		9		9		9		9		9	
1/4	92,928	1/4	100,636	1/4	108,344	1/4	116,052	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93,089	1/2	100,796	1/2	108,504	1/2	116,212	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	93,249	3/4	100,957	3/4	108,665	3/4	116,373	3/4		3/4		3/4		3/4		3/4		3/4	
10	93,410	10	101,118	10	108,826	10	116,533	10		10		10		10		10		10	
1/4	93,570	1/4	101,278	1/4	108,986	1/4	116,694	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93,731	1/2	101,439	1/2	109,147	1/2	116,855	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	93,891	3/4	101,599	3/4	109,307	3/4	117,015	3/4		3/4		3/4		3/4		3/4		3/4	
11	94,052	11	101,760	11	109,468	11	117,176	11		11		11		11		11		11	
1/4	94,213	1/4	101,921	1/4	109,628	1/4	117,336	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	94,373	1/2	102,081	1/2	109,789	1/2	117,497	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	94,534	3/4	102,242	3/4	109,950	3/4	117,658	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 1000"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	437	0	7,798	0	15,828	0	23,846	0	31,867	0	39,897	0	47,927	0	55,957	0	63,987	0	72,017
1/4	524	1/4	7,965	1/4	15,995	1/4	24,013	1/4	32,035	1/4	40,065	1/4	48,095	1/4	56,125	1/4	64,155	1/4	72,185
1/2	611	1/2	8,133	1/2	16,162	1/2	24,179	1/2	32,202	1/2	40,232	1/2	48,262	1/2	56,292	1/2	64,322	1/2	72,352
3/4	698	3/4	8,300	3/4	16,330	3/4	24,346	3/4	32,369	3/4	40,399	3/4	48,429	3/4	56,459	3/4	64,489	3/4	72,519
1	785	1	8,467	1	16,497	1	24,513	1	32,537	1	40,567	1	48,597	1	56,627	1	64,657	1	72,687
1/4	900	1/4	8,635	1/4	16,664	1/4	24,679	1/4	32,704	1/4	40,734	1/4	48,764	1/4	56,794	1/4	64,824	1/4	72,854
1/2	1,015	1/2	8,802	1/2	16,831	1/2	24,846	1/2	32,871	1/2	40,901	1/2	48,931	1/2	56,961	1/2	64,991	1/2	73,021
3/4	1,130	3/4	8,969	3/4	16,999	3/4	25,013	3/4	33,038	3/4	41,068	3/4	49,098	3/4	57,128	3/4	65,158	3/4	73,188
2	1,245	2	9,136	2	17,166	2	25,179	2	33,206	2	41,236	2	49,266	2	57,296	2	65,326	2	73,356
1/4	1,388	1/4	9,304	1/4	17,333	1/4	25,346	1/4	33,373	1/4	41,403	1/4	49,433	1/4	57,463	1/4	65,493	1/4	73,523
1/2	1,531	1/2	9,471	1/2	17,501	1/2	25,513	1/2	33,540	1/2	41,570	1/2	49,600	1/2	57,630	1/2	65,660	1/2	73,690
3/4	1,673	3/4	9,638	3/4	17,668	3/4	25,680	3/4	33,708	3/4	41,738	3/4	49,768	3/4	57,798	3/4	65,828	3/4	73,858
3	1,816	3	9,806	3	17,835	3	25,846	3	33,875	3	41,905	3	49,935	3	57,965	3	65,995	3	74,025
1/4	1,976	1/4	9,973	1/4	18,002	1/4	26,014	1/4	34,042	1/4	42,072	1/4	50,102	1/4	58,132	1/4	66,162	1/4	74,192
1/2	2,137	1/2	10,140	1/2	18,170	1/2	26,181	1/2	34,209	1/2	42,239	1/2	50,269	1/2	58,299	1/2	66,329	1/2	74,359
3/4	2,297	3/4	10,307	3/4	18,337	3/4	26,348	3/4	34,377	3/4	42,407	3/4	50,437	3/4	58,467	3/4	66,497	3/4	74,527
4	2,457	4	10,475	4	18,504	4	26,515	4	34,544	4	42,574	4	50,604	4	58,634	4	66,664	4	74,694
1/4	2,623	1/4	10,642	1/4	18,672	1/4	26,682	1/4	34,711	1/4	42,741	1/4	50,771	1/4	58,801	1/4	66,831	1/4	74,861
1/2	2,788	1/2	10,809	1/2	18,839	1/2	26,849	1/2	34,879	1/2	42,909	1/2	50,939	1/2	58,969	1/2	66,999	1/2	75,029
3/4	2,954	3/4	10,977	3/4	19,006	3/4	27,016	3/4	35,046	3/4	43,076	3/4	51,106	3/4	59,136	3/4	67,166	3/4	75,196
5	3,119	5	11,144	5	19,173	5	27,183	5	35,213	5	43,243	5	51,273	5	59,303	5	67,333	5	75,363
1/4	3,286	1/4	11,311	1/4	19,341	1/4	27,351	1/4	35,381	1/4	43,411	1/4	51,441	1/4	59,471	1/4	67,500	1/4	75,530
1/2	3,452	1/2	11,478	1/2	19,508	1/2	27,518	1/2	35,548	1/2	43,578	1/2	51,608	1/2	59,638	1/2	67,668	1/2	75,698
3/4	3,619	3/4	11,646	3/4	19,675	3/4	27,685	3/4	35,715	3/4	43,745	3/4	51,775	3/4	59,805	3/4	67,835	3/4	75,865
6	3,785	6	11,813	6	19,843	6	27,852	6	35,882	6	43,912	6	51,942	6	59,972	6	68,002	6	76,032
1/4	3,952	1/4	11,980	1/4	20,010	1/4	28,020	1/4	36,050	1/4	44,080	1/4	52,110	1/4	60,140	1/4	68,170	1/4	76,200
1/2	4,119	1/2	12,148	1/2	20,177	1/2	28,187	1/2	36,217	1/2	44,247	1/2	52,277	1/2	60,307	1/2	68,337	1/2	76,367
3/4	4,286	3/4	12,315	3/4	20,344	3/4	28,354	3/4	36,384	3/4	44,414	3/4	52,444	3/4	60,474	3/4	68,504	3/4	76,534
7	4,453	7	12,482	7	20,511	7	28,522	7	36,552	7	44,582	7	52,612	7	60,642	7	68,672	7	76,702
1/4	4,620	1/4	12,649	1/4	20,678	1/4	28,689	1/4	36,719	1/4	44,749	1/4	52,779	1/4	60,809	1/4	68,839	1/4	76,869
1/2	4,787	1/2	12,817	1/2	20,845	1/2	28,856	1/2	36,886	1/2	44,916	1/2	52,946	1/2	60,976	1/2	69,006	1/2	77,036
3/4	4,954	3/4	12,984	3/4	21,012	3/4	29,023	3/4	37,053	3/4	45,083	3/4	53,113	3/4	61,143	3/4	69,173	3/4	77,203
8	5,122	8	13,151	8	21,179	8	29,191	8	37,221	8	45,251	8	53,281	8	61,311	8	69,341	8	77,371
1/4	5,289	1/4	13,319	1/4	21,345	1/4	29,358	1/4	37,388	1/4	45,418	1/4	53,448	1/4	61,478	1/4	69,508	1/4	77,538
1/2	5,456	1/2	13,486	1/2	21,512	1/2	29,525	1/2	37,555	1/2	45,585	1/2	53,615	1/2	61,645	1/2	69,675	1/2	77,705
3/4	5,624	3/4	13,653	3/4	21,679	3/4	29,693	3/4	37,723	3/4	45,753	3/4	53,783	3/4	61,813	3/4	69,843	3/4	77,873
9	5,791	9	13,820	9	21,846	9	29,860	9	37,890	9	45,920	9	53,950	9	61,980	9	70,010	9	78,040
1/4	5,958	1/4	13,988	1/4	22,012	1/4	30,027	1/4	38,057	1/4	46,087	1/4	54,117	1/4	62,147	1/4	70,177	1/4	78,207
1/2	6,125	1/2	14,155	1/2	22,179	1/2	30,195	1/2	38,224	1/2	46,254	1/2	54,284	1/2	62,314	1/2	70,344	1/2	78,374
3/4	6,293	3/4	14,322	3/4	22,346	3/4	30,362	3/4	38,392	3/4	46,422	3/4	54,452	3/4	62,482	3/4	70,512	3/4	78,542
10	6,460	10	14,489	10	22,512	10	30,529	10	38,559	10	46,589	10	54,619	10	62,649	10	70,679	10	78,709
1/4	6,627	1/4	14,657	1/4	22,679	1/4	30,696	1/4	38,726	1/4	46,756	1/4	54,786	1/4	62,816	1/4	70,846	1/4	78,876
1/2	6,795	1/2	14,824	1/2	22,846	1/2	30,864	1/2	38,894	1/2	46,924	1/2	54,954	1/2	62,984	1/2	71,014	1/2	79,044
3/4	6,962	3/4	14,991	3/4	23,012	3/4	31,031	3/4	39,061	3/4	47,091	3/4	55,121	3/4	63,151	3/4	71,181	3/4	79,211
11	7,129	11	15,159	11	23,179	11	31,198	11	39,228	11	47,258	11	55,288	11	63,318	11	71,348	11	79,378
1/4	7,296	1/4	15,326	1/4	23,346	1/4	31,366	1/4	39,396	1/4	47,426	1/4	55,456	1/4	63,485	1/4	71,515	1/4	79,545
1/2	7,464	1/2	15,493	1/2	23,512	1/2	31,533	1/2	39,563	1/2	47,593	1/2	55,623	1/2	63,653	1/2	71,683	1/2	79,713
3/4	7,631	3/4	15,660	3/4	23,679	3/4	31,700	3/4	39,730	3/4	47,760	3/4	55,790	3/4	63,820	3/4	71,850	3/4	79,880

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 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 1000"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	80,047	0	88,077	0	96,107	0	104,137	0	112,167	0		0		0		0		0	
1/4	80,215	1/4	88,245	1/4	96,275	1/4	104,305	1/4	112,317	1/4		1/4		1/4		1/4		1/4	
1/2	80,382	1/2	88,412	1/2	96,442	1/2	104,472	1/2	112,467	1/2		1/2		1/2		1/2		1/2	
3/4	80,549	3/4	88,579	3/4	96,609	3/4	104,639	3/4	112,617	3/4		3/4		3/4		3/4		3/4	
1	80,717	1	88,746	1	96,776	1	104,806	1	112,767	1		1		1		1		1	
1/4	80,884	1/4	88,914	1/4	96,944	1/4	104,974	1/4	112,889	1/4		1/4		1/4		1/4		1/4	
1/2	81,051	1/2	89,081	1/2	97,111	1/2	105,141	1/2	113,011	1/2		1/2		1/2		1/2		1/2	
3/4	81,218	3/4	89,248	3/4	97,278	3/4	105,308	3/4	113,133	3/4		3/4		3/4		3/4		3/4	
2	81,386	2	89,416	2	97,446	2	105,476	2	113,255	2		2		2		2		2	
1/4	81,553	1/4	89,583	1/4	97,613	1/4	105,643	1/4	113,349	1/4		1/4		1/4		1/4		1/4	
1/2	81,720	1/2	89,750	1/2	97,780	1/2	105,810	1/2	113,443	1/2		1/2		1/2		1/2		1/2	
3/4	81,888	3/4	89,918	3/4	97,948	3/4	105,978	3/4	113,537	3/4		3/4		3/4		3/4		3/4	
3	82,055	3	90,085	3	98,115	3	106,145	3	113,631	3		3		3		3		3	
1/4	82,222	1/4	90,252	1/4	98,282	1/4	106,312	1/4	113,697	1/4		1/4		1/4		1/4		1/4	
1/2	82,389	1/2	90,419	1/2	98,449	1/2	106,479	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	82,557	3/4	90,587	3/4	98,617	3/4	106,647	3/4		3/4		3/4		3/4		3/4		3/4	
4	82,724	4	90,754	4	98,784	4	106,814	4		4		4		4		4		4	
1/4	82,891	1/4	90,921	1/4	98,951	1/4	106,981	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83,059	1/2	91,089	1/2	99,119	1/2	107,149	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	83,226	3/4	91,256	3/4	99,286	3/4	107,316	3/4		3/4		3/4		3/4		3/4		3/4	
5	83,393	5	91,423	5	99,453	5	107,483	5		5		5		5		5		5	
1/4	83,560	1/4	91,590	1/4	99,620	1/4	107,650	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83,728	1/2	91,758	1/2	99,788	1/2	107,818	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	83,895	3/4	91,925	3/4	99,955	3/4	107,985	3/4		3/4		3/4		3/4		3/4		3/4	
6	84,062	6	92,092	6	100,122	6	108,152	6		6		6		6		6		6	
1/4	84,230	1/4	92,260	1/4	100,290	1/4	108,320	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84,397	1/2	92,427	1/2	100,457	1/2	108,487	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	84,564	3/4	92,594	3/4	100,624	3/4	108,654	3/4		3/4		3/4		3/4		3/4		3/4	
7	84,732	7	92,761	7	100,791	7	108,821	7		7		7		7		7		7	
1/4	84,899	1/4	92,929	1/4	100,959	1/4	108,989	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	85,066	1/2	93,096	1/2	101,126	1/2	109,156	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85,233	3/4	93,263	3/4	101,293	3/4	109,323	3/4		3/4		3/4		3/4		3/4		3/4	
8	85,401	8	93,431	8	101,461	8	109,491	8		8		8		8		8		8	
1/4	85,568	1/4	93,598	1/4	101,628	1/4	109,658	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	85,735	1/2	93,765	1/2	101,795	1/2	109,825	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85,903	3/4	93,933	3/4	101,963	3/4	109,993	3/4		3/4		3/4		3/4		3/4		3/4	
9	86,070	9	94,100	9	102,130	9	110,160	9		9		9		9		9		9	
1/4	86,237	1/4	94,267	1/4	102,297	1/4	110,327	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	86,404	1/2	94,434	1/2	102,464	1/2	110,494	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	86,572	3/4	94,602	3/4	102,632	3/4	110,662	3/4		3/4		3/4		3/4		3/4		3/4	
10	86,739	10	94,769	10	102,799	10	110,829	10		10		10		10		10		10	
1/4	86,906	1/4	94,936	1/4	102,966	1/4	110,996	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87,074	1/2	95,104	1/2	103,134	1/2	111,164	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87,241	3/4	95,271	3/4	103,301	3/4	111,331	3/4		3/4		3/4		3/4		3/4		3/4	
11	87,408	11	95,438	11	103,468	11	111,498	11		11		11		11		11		11	
1/4	87,575	1/4	95,605	1/4	103,635	1/4	111,665	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87,743	1/2	95,773	1/2	103,803	1/2	111,833	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87,910	3/4	95,940	3/4	103,970	3/4	112,000	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 1000"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	437	0	7,800	0	15,819	0	23,845	0	31,877	0	39,909	0	47,941	0	55,973	0	64,005	0	72,037
1/4	524	1/4	7,968	1/4	15,986	1/4	24,012	1/4	32,044	1/4	40,076	1/4	48,109	1/4	56,141	1/4	64,173	1/4	72,205
1/2	611	1/2	8,135	1/2	16,153	1/2	24,180	1/2	32,212	1/2	40,244	1/2	48,276	1/2	56,308	1/2	64,340	1/2	72,372
3/4	698	3/4	8,302	3/4	16,319	3/4	24,347	3/4	32,379	3/4	40,411	3/4	48,443	3/4	56,475	3/4	64,507	3/4	72,539
1	785	1	8,470	1	16,486	1	24,514	1	32,546	1	40,578	1	48,611	1	56,643	1	64,675	1	72,707
1/4	900	1/4	8,637	1/4	16,653	1/4	24,682	1/4	32,714	1/4	40,746	1/4	48,778	1/4	56,810	1/4	64,842	1/4	72,874
1/2	1,015	1/2	8,804	1/2	16,820	1/2	24,849	1/2	32,881	1/2	40,913	1/2	48,945	1/2	56,977	1/2	65,009	1/2	73,041
3/4	1,130	3/4	8,972	3/4	16,986	3/4	25,016	3/4	33,048	3/4	41,080	3/4	49,113	3/4	57,145	3/4	65,177	3/4	73,209
2	1,246	2	9,139	2	17,153	2	25,184	2	33,216	2	41,248	2	49,280	2	57,312	2	65,344	2	73,376
1/4	1,388	1/4	9,306	1/4	17,320	1/4	25,351	1/4	33,383	1/4	41,415	1/4	49,447	1/4	57,479	1/4	65,511	1/4	73,543
1/2	1,531	1/2	9,473	1/2	17,487	1/2	25,518	1/2	33,550	1/2	41,582	1/2	49,615	1/2	57,647	1/2	65,679	1/2	73,711
3/4	1,674	3/4	9,641	3/4	17,654	3/4	25,686	3/4	33,718	3/4	41,750	3/4	49,782	3/4	57,814	3/4	65,846	3/4	73,878
3	1,817	3	9,808	3	17,821	3	25,853	3	33,885	3	41,917	3	49,949	3	57,981	3	66,013	3	74,045
1/4	1,977	1/4	9,975	1/4	17,989	1/4	26,020	1/4	34,052	1/4	42,084	1/4	50,117	1/4	58,149	1/4	66,181	1/4	74,213
1/2	2,137	1/2	10,143	1/2	18,156	1/2	26,188	1/2	34,220	1/2	42,252	1/2	50,284	1/2	58,316	1/2	66,348	1/2	74,380
3/4	2,298	3/4	10,310	3/4	18,323	3/4	26,355	3/4	34,387	3/4	42,419	3/4	50,451	3/4	58,483	3/4	66,515	3/4	74,547
4	2,458	4	10,477	4	18,490	4	26,522	4	34,554	4	42,586	4	50,619	4	58,651	4	66,683	4	74,715
1/4	2,623	1/4	10,645	1/4	18,658	1/4	26,690	1/4	34,722	1/4	42,754	1/4	50,786	1/4	58,818	1/4	66,850	1/4	74,882
1/2	2,789	1/2	10,812	1/2	18,825	1/2	26,857	1/2	34,889	1/2	42,921	1/2	50,953	1/2	58,985	1/2	67,017	1/2	75,049
3/4	2,955	3/4	10,979	3/4	18,992	3/4	27,024	3/4	35,056	3/4	43,088	3/4	51,121	3/4	59,153	3/4	67,185	3/4	75,217
5	3,120	5	11,147	5	19,160	5	27,192	5	35,224	5	43,256	5	51,288	5	59,320	5	67,352	5	75,384
1/4	3,287	1/4	11,314	1/4	19,327	1/4	27,359	1/4	35,391	1/4	43,423	1/4	51,455	1/4	59,487	1/4	67,519	1/4	75,551
1/2	3,453	1/2	11,481	1/2	19,494	1/2	27,526	1/2	35,558	1/2	43,590	1/2	51,623	1/2	59,655	1/2	67,687	1/2	75,719
3/4	3,619	3/4	11,649	3/4	19,662	3/4	27,694	3/4	35,726	3/4	43,758	3/4	51,790	3/4	59,822	3/4	67,854	3/4	75,886
6	3,786	6	11,816	6	19,829	6	27,861	6	35,893	6	43,925	6	51,957	6	59,989	6	68,021	6	76,053
1/4	3,953	1/4	11,983	1/4	19,996	1/4	28,028	1/4	36,060	1/4	44,092	1/4	52,125	1/4	60,157	1/4	68,189	1/4	76,221
1/2	4,120	1/2	12,150	1/2	20,164	1/2	28,196	1/2	36,228	1/2	44,260	1/2	52,292	1/2	60,324	1/2	68,356	1/2	76,388
3/4	4,287	3/4	12,317	3/4	20,331	3/4	28,363	3/4	36,395	3/4	44,427	3/4	52,459	3/4	60,491	3/4	68,523	3/4	76,555
7	4,454	7	12,484	7	20,498	7	28,530	7	36,562	7	44,595	7	52,627	7	60,659	7	68,691	7	76,723
1/4	4,621	1/4	12,651	1/4	20,666	1/4	28,698	1/4	36,730	1/4	44,762	1/4	52,794	1/4	60,826	1/4	68,858	1/4	76,890
1/2	4,788	1/2	12,817	1/2	20,833	1/2	28,865	1/2	36,897	1/2	44,929	1/2	52,961	1/2	60,993	1/2	69,025	1/2	77,057
3/4	4,956	3/4	12,984	3/4	21,000	3/4	29,032	3/4	37,064	3/4	45,097	3/4	53,129	3/4	61,161	3/4	69,193	3/4	77,225
8	5,123	8	13,151	8	21,168	8	29,200	8	37,232	8	45,264	8	53,296	8	61,328	8	69,360	8	77,392
1/4	5,290	1/4	13,318	1/4	21,335	1/4	29,367	1/4	37,399	1/4	45,431	1/4	53,463	1/4	61,495	1/4	69,527	1/4	77,559
1/2	5,458	1/2	13,484	1/2	21,502	1/2	29,534	1/2	37,566	1/2	45,599	1/2	53,631	1/2	61,663	1/2	69,695	1/2	77,727
3/4	5,625	3/4	13,651	3/4	21,670	3/4	29,702	3/4	37,734	3/4	45,766	3/4	53,798	3/4	61,830	3/4	69,862	3/4	77,894
9	5,792	9	13,818	9	21,837	9	29,869	9	37,901	9	45,933	9	53,965	9	61,997	9	70,029	9	78,062
1/4	5,960	1/4	13,985	1/4	22,004	1/4	30,036	1/4	38,068	1/4	46,101	1/4	54,133	1/4	62,165	1/4	70,197	1/4	78,229
1/2	6,127	1/2	14,151	1/2	22,172	1/2	30,204	1/2	38,236	1/2	46,268	1/2	54,300	1/2	62,332	1/2	70,364	1/2	78,396
3/4	6,294	3/4	14,318	3/4	22,339	3/4	30,371	3/4	38,403	3/4	46,435	3/4	54,467	3/4	62,499	3/4	70,531	3/4	78,564
10	6,462	10	14,485	10	22,506	10	30,538	10	38,570	10	46,603	10	54,635	10	62,667	10	70,699	10	78,731
1/4	6,629	1/4	14,652	1/4	22,674	1/4	30,706	1/4	38,738	1/4	46,770	1/4	54,802	1/4	62,834	1/4	70,866	1/4	78,898
1/2	6,796	1/2	14,818	1/2	22,841	1/2	30,873	1/2	38,905	1/2	46,937	1/2	54,969	1/2	63,001	1/2	71,033	1/2	79,066
3/4	6,964	3/4	14,985	3/4	23,008	3/4	31,040	3/4	39,072	3/4	47,105	3/4	55,137	3/4	63,169	3/4	71,201	3/4	79,233
11	7,131	11	15,152	11	23,176	11	31,208	11	39,240	11	47,272	11	55,304	11	63,336	11	71,368	11	79,400
1/4	7,298	1/4	15,319	1/4	23,343	1/4	31,375	1/4	39,407	1/4	47,439	1/4	55,471	1/4	63,503	1/4	71,535	1/4	79,568
1/2	7,466	1/2	15,486	1/2	23,510	1/2	31,542	1/2	39,574	1/2	47,607	1/2	55,639	1/2	63,671	1/2	71,703	1/2	79,735
3/4	7,633	3/4	15,652	3/4	23,678	3/4	31,710	3/4	39,742	3/4	47,774	3/4	55,806	3/4	63,838	3/4	71,870	3/4	79,902

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 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "CBC 1000"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

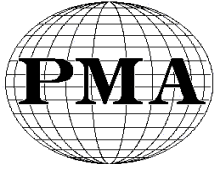
IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	80,070	0	88,102	0	96,134	0	104,166	0	112,198	0		0		0		0		0	
1/4	80,237	1/4	88,269	1/4	96,301	1/4	104,333	1/4	112,348	1/4		1/4		1/4		1/4		1/4	
1/2	80,404	1/2	88,436	1/2	96,468	1/2	104,500	1/2	112,498	1/2		1/2		1/2		1/2		1/2	
3/4	80,572	3/4	88,604	3/4	96,636	3/4	104,668	3/4	112,648	3/4		3/4		3/4		3/4		3/4	
1	80,739	1	88,771	1	96,803	1	104,835	1	112,797	1		1		1		1		1	
1/4	80,906	1/4	88,938	1/4	96,970	1/4	105,002	1/4	112,920	1/4		1/4		1/4		1/4		1/4	
1/2	81,074	1/2	89,106	1/2	97,138	1/2	105,170	1/2	113,042	1/2		1/2		1/2		1/2		1/2	
3/4	81,241	3/4	89,273	3/4	97,305	3/4	105,337	3/4	113,164	3/4		3/4		3/4		3/4		3/4	
2	81,408	2	89,440	2	97,472	2	105,504	2	113,286	2		2		2		2		2	
1/4	81,576	1/4	89,608	1/4	97,640	1/4	105,672	1/4	113,380	1/4		1/4		1/4		1/4		1/4	
1/2	81,743	1/2	89,775	1/2	97,807	1/2	105,839	1/2	113,474	1/2		1/2		1/2		1/2		1/2	
3/4	81,910	3/4	89,942	3/4	97,974	3/4	106,006	3/4	113,568	3/4		3/4		3/4		3/4		3/4	
3	82,078	3	90,110	3	98,142	3	106,174	3	113,662	3		3		3		3		3	
1/4	82,245	1/4	90,277	1/4	98,309	1/4	106,341	1/4	113,728	1/4		1/4		1/4		1/4		1/4	
1/2	82,412	1/2	90,444	1/2	98,476	1/2	106,508	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	82,580	3/4	90,612	3/4	98,644	3/4	106,676	3/4		3/4		3/4		3/4		3/4		3/4	
4	82,747	4	90,779	4	98,811	4	106,843	4		4		4		4		4		4	
1/4	82,914	1/4	90,946	1/4	98,978	1/4	107,010	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83,082	1/2	91,114	1/2	99,146	1/2	107,178	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	83,249	3/4	91,281	3/4	99,313	3/4	107,345	3/4		3/4		3/4		3/4		3/4		3/4	
5	83,416	5	91,448	5	99,480	5	107,512	5		5		5		5		5		5	
1/4	83,584	1/4	91,616	1/4	99,648	1/4	107,680	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83,751	1/2	91,783	1/2	99,815	1/2	107,847	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	83,918	3/4	91,950	3/4	99,982	3/4	108,014	3/4		3/4		3/4		3/4		3/4		3/4	
6	84,086	6	92,118	6	100,150	6	108,182	6		6		6		6		6		6	
1/4	84,253	1/4	92,285	1/4	100,317	1/4	108,349	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84,420	1/2	92,452	1/2	100,484	1/2	108,516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	84,588	3/4	92,620	3/4	100,652	3/4	108,684	3/4		3/4		3/4		3/4		3/4		3/4	
7	84,755	7	92,787	7	100,819	7	108,851	7		7		7		7		7		7	
1/4	84,922	1/4	92,954	1/4	100,986	1/4	109,018	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	85,090	1/2	93,122	1/2	101,154	1/2	109,186	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85,257	3/4	93,289	3/4	101,321	3/4	109,353	3/4		3/4		3/4		3/4		3/4		3/4	
8	85,424	8	93,456	8	101,488	8	109,520	8		8		8		8		8		8	
1/4	85,592	1/4	93,624	1/4	101,656	1/4	109,688	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	85,759	1/2	93,791	1/2	101,823	1/2	109,855	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	85,926	3/4	93,958	3/4	101,990	3/4	110,022	3/4		3/4		3/4		3/4		3/4		3/4	
9	86,094	9	94,126	9	102,158	9	110,190	9		9		9		9		9		9	
1/4	86,261	1/4	94,293	1/4	102,325	1/4	110,357	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	86,428	1/2	94,460	1/2	102,492	1/2	110,524	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	86,596	3/4	94,628	3/4	102,660	3/4	110,692	3/4		3/4		3/4		3/4		3/4		3/4	
10	86,763	10	94,795	10	102,827	10	110,859	10		10		10		10		10		10	
1/4	86,930	1/4	94,962	1/4	102,994	1/4	111,026	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87,098	1/2	95,130	1/2	103,162	1/2	111,194	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87,265	3/4	95,297	3/4	103,329	3/4	111,361	3/4		3/4		3/4		3/4		3/4		3/4	
11	87,432	11	95,464	11	103,496	11	111,529	11		11		11		11		11		11	
1/4	87,600	1/4	95,632	1/4	103,664	1/4	111,696	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87,767	1/2	95,799	1/2	103,831	1/2	111,863	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87,934	3/4	95,966	3/4	103,998	3/4	112,031	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 1000"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

August 3, 2018

**PRECISION MEASUREMENT
 & ANALYSIS, INC.**
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 Pearland, Texas 77588

<http://www.pmacorp.net>

Paul Jacaman



BARGE "CBC 1000"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	113,380	0	105,668	0	97,956	0	89,956	0	81,245	0	72,540	0	63,842
1/4		1/4		1/4		1/4	113,219	1/4	105,507	1/4	97,795	1/4	89,774	1/4	81,064	1/4	72,358	1/4	63,662
1/2		1/2		1/2		1/2	113,058	1/2	105,346	1/2	97,634	1/2	89,592	1/2	80,883	1/2	72,177	1/2	63,481
3/4		3/4		3/4		3/4	112,898	3/4	105,186	3/4	97,474	3/4	89,410	3/4	80,701	3/4	71,995	3/4	63,300
1		1		1		1	112,737	1	105,025	1	97,313	1	89,228	1	80,520	1	71,814	1	63,119
1/4		1/4		1/4		1/4	112,576	1/4	104,864	1/4	97,152	1/4	89,046	1/4	80,339	1/4	71,633	1/4	62,938
1/2		1/2		1/2		1/2	112,416	1/2	104,704	1/2	96,992	1/2	88,864	1/2	80,157	1/2	71,451	1/2	62,757
3/4		3/4		3/4	119,266	3/4	112,255	3/4	104,543	3/4	96,831	3/4	88,682	3/4	79,976	3/4	71,270	3/4	62,576
2		2		2	119,215	2	112,094	2	104,382	2	96,670	2	88,501	2	79,795	2	71,088	2	62,395
1/4		1/4		1/4	119,134	1/4	111,934	1/4	104,222	1/4	96,510	1/4	88,319	1/4	79,614	1/4	70,907	1/4	62,214
1/2		1/2		1/2	119,053	1/2	111,773	1/2	104,061	1/2	96,349	1/2	88,138	1/2	79,432	1/2	70,725	1/2	62,033
3/4		3/4		3/4	118,972	3/4	111,612	3/4	103,900	3/4	96,188	3/4	87,956	3/4	79,251	3/4	70,544	3/4	61,853
3		3		3	118,891	3	111,452	3	103,740	3	96,028	3	87,775	3	79,070	3	70,363	3	61,672
1/4		1/4		1/4	118,780	1/4	111,291	1/4	103,579	1/4	95,867	1/4	87,594	1/4	78,888	1/4	70,181	1/4	61,491
1/2		1/2		1/2	118,668	1/2	111,130	1/2	103,418	1/2	95,706	1/2	87,412	1/2	78,707	1/2	70,000	1/2	61,310
3/4		3/4		3/4	118,557	3/4	110,970	3/4	103,258	3/4	95,546	3/4	87,231	3/4	78,526	3/4	69,818	3/4	61,129
4		4		4	118,445	4	110,809	4	103,097	4	95,385	4	87,050	4	78,345	4	69,637	4	60,948
1/4		1/4		1/4	118,304	1/4	110,648	1/4	102,936	1/4	95,224	1/4	86,868	1/4	78,163	1/4	69,455	1/4	60,767
1/2		1/2		1/2	118,162	1/2	110,488	1/2	102,776	1/2	95,064	1/2	86,687	1/2	77,982	1/2	69,274	1/2	60,586
3/4		3/4		3/4	118,020	3/4	110,327	3/4	102,615	3/4	94,903	3/4	86,505	3/4	77,801	3/4	69,093	3/4	60,405
5		5		5	117,879	5	110,166	5	102,454	5	94,742	5	86,324	5	77,619	5	68,911	5	60,224
1/4		1/4		1/4	117,718	1/4	110,006	1/4	102,294	1/4	94,582	1/4	86,143	1/4	77,438	1/4	68,730	1/4	60,042
1/2		1/2		1/2	117,557	1/2	109,845	1/2	102,133	1/2	94,421	1/2	85,961	1/2	77,257	1/2	68,548	1/2	59,861
3/4		3/4		3/4	117,397	3/4	109,684	3/4	101,972	3/4	94,260	3/4	85,780	3/4	77,075	3/4	68,367	3/4	59,679
6		6		6	117,236	6	109,524	6	101,812	6	94,100	6	85,598	6	76,894	6	68,185	6	59,498
1/4		1/4		1/4	117,075	1/4	109,363	1/4	101,651	1/4	93,939	1/4	85,417	1/4	76,713	1/4	68,004	1/4	59,317
1/2		1/2		1/2	116,915	1/2	109,202	1/2	101,490	1/2	93,778	1/2	85,236	1/2	76,531	1/2	67,823	1/2	59,135
3/4		3/4		3/4	116,754	3/4	109,042	3/4	101,330	3/4	93,618	3/4	85,054	3/4	76,350	3/4	67,642	3/4	58,954
7		7		7	116,593	7	108,881	7	101,169	7	93,457	7	84,873	7	76,168	7	67,461	7	58,772
1/4		1/4		1/4	116,433	1/4	108,720	1/4	101,008	1/4	93,296	1/4	84,691	1/4	75,987	1/4	67,280	1/4	58,591
1/2		1/2		1/2	116,272	1/2	108,560	1/2	100,848	1/2	93,136	1/2	84,510	1/2	75,806	1/2	67,099	1/2	58,409
3/4		3/4		3/4	116,111	3/4	108,399	3/4	100,687	3/4	92,975	3/4	84,329	3/4	75,624	3/4	66,918	3/4	58,228
8		8		8	115,951	8	108,238	8	100,526	8	92,814	8	84,147	8	75,443	8	66,737	8	58,047
1/4		1/4		1/4	115,790	1/4	108,078	1/4	100,366	1/4	92,646	1/4	83,966	1/4	75,261	1/4	66,556	1/4	57,865
1/2		1/2		1/2	115,629	1/2	107,917	1/2	100,205	1/2	92,477	1/2	83,784	1/2	75,080	1/2	66,375	1/2	57,684
3/4		3/4		3/4	115,469	3/4	107,756	3/4	100,044	3/4	92,308	3/4	83,603	3/4	74,898	3/4	66,194	3/4	57,502
9		9		9	115,308	9	107,596	9	99,884	9	92,140	9	83,422	9	74,717	9	66,013	9	57,321
1/4		1/4		1/4	115,147	1/4	107,435	1/4	99,723	1/4	91,958	1/4	83,240	1/4	74,536	1/4	65,832	1/4	57,139
1/2		1/2		1/2	114,987	1/2	107,274	1/2	99,562	1/2	91,776	1/2	83,059	1/2	74,354	1/2	65,652	1/2	56,958
3/4		3/4		3/4	114,826	3/4	107,114	3/4	99,402	3/4	91,594	3/4	82,877	3/4	74,173	3/4	65,471	3/4	56,777
10		10		10	114,665	10	106,953	10	99,241	10	91,412	10	82,696	10	73,991	10	65,290	10	56,595
1/4		1/4		1/4	114,505	1/4	106,792	1/4	99,080	1/4	91,230	1/4	82,515	1/4	73,810	1/4	65,109	1/4	56,414
1/2		1/2		1/2	114,344	1/2	106,632	1/2	98,920	1/2	91,048	1/2	82,333	1/2	73,628	1/2	64,928	1/2	56,232
3/4		3/4		3/4	114,183	3/4	106,471	3/4	98,759	3/4	90,866	3/4	82,152	3/4	73,447	3/4	64,747	3/4	56,051
11		11		11	114,023	11	106,310	11	98,598	11	90,684	11	81,971	11	73,265	11	64,566	11	55,869
1/4		1/4		1/4	113,862	1/4	106,150	1/4	98,438	1/4	90,502	1/4	81,789	1/4	73,084	1/4	64,385	1/4	55,688
1/2		1/2		1/2	113,701	1/2	105,989	1/2	98,277	1/2	90,320	1/2	81,608	1/2	72,903	1/2	64,204	1/2	55,506
3/4		3/4		3/4	113,541	3/4	105,828	3/4	98,116	3/4	90,138	3/4	81,426	3/4	72,721	3/4	64,023	3/4	55,325

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 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1000"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	55,144	0	46,435	0	37,755	0	29,046	0	20,809	0	12,108	0	3,382	0		0			
1/4	54,962	1/4	46,254	1/4	37,573	1/4	28,864	1/4	20,635	1/4	11,926	1/4	3,202	1/4					
1/2	54,781	1/2	46,073	1/2	37,392	1/2	28,683	1/2	20,461	1/2	11,744	1/2	3,022	1/2					
3/4	54,599	3/4	45,891	3/4	37,210	3/4	28,502	3/4	20,287	3/4	11,562	3/4	2,842	3/4					
1	54,418	1	45,710	1	37,029	1	28,320	1	20,113	1	11,380	1	2,662	1					
1/4	54,236	1/4	45,530	1/4	36,847	1/4	28,139	1/4	19,931	1/4	11,198	1/4	2,488	1/4					
1/2	54,055	1/2	45,349	1/2	36,666	1/2	27,957	1/2	19,749	1/2	11,016	1/2	2,314	1/2					
3/4	53,874	3/4	45,168	3/4	36,485	3/4	27,776	3/4	19,567	3/4	10,834	3/4	2,139	3/4					
2	53,692	2	44,987	2	36,303	2	27,595	2	19,385	2	10,652	2	1,965	2					
1/4	53,511	1/4	44,807	1/4	36,122	1/4	27,418	1/4	19,203	1/4	10,470	1/4	1,810	1/4					
1/2	53,329	1/2	44,626	1/2	35,940	1/2	27,242	1/2	19,021	1/2	10,289	1/2	1,655	1/2					
3/4	53,148	3/4	44,445	3/4	35,759	3/4	27,065	3/4	18,839	3/4	10,107	3/4	1,500	3/4					
3	52,966	3	44,264	3	35,577	3	26,888	3	18,657	3	9,925	3	1,345	3					
1/4	52,785	1/4	44,084	1/4	35,396	1/4	26,720	1/4	18,475	1/4	9,743	1/4	1,221	1/4					
1/2	52,604	1/2	43,903	1/2	35,215	1/2	26,551	1/2	18,294	1/2	9,561	1/2	1,097	1/2					
3/4	52,422	3/4	43,722	3/4	35,033	3/4	26,382	3/4	18,112	3/4	9,379	3/4	972	3/4					
4	52,241	4	43,542	4	34,852	4	26,213	4	17,930	4	9,197	4	848	4					
1/4	52,059	1/4	43,361	1/4	34,670	1/4	26,044	1/4	17,748	1/4	9,015	1/4	754	1/4					
1/2	51,878	1/2	43,180	1/2	34,489	1/2	25,876	1/2	17,566	1/2	8,833	1/2	659	1/2					
3/4	51,696	3/4	42,999	3/4	34,307	3/4	25,707	3/4	17,384	3/4	8,651	3/4	565	3/4					
5	51,515	5	42,819	5	34,126	5	25,538	5	17,202	5	8,469	5	471	5					
1/4	51,334	1/4	42,638	1/4	33,944	1/4	25,370	1/4	17,020	1/4	8,288	1/4		1/4					
1/2	51,152	1/2	42,457	1/2	33,763	1/2	25,201	1/2	16,838	1/2	8,106	1/2		1/2					
3/4	50,971	3/4	42,277	3/4	33,582	3/4	25,032	3/4	16,656	3/4	7,924	3/4		3/4					
6	50,789	6	42,096	6	33,400	6	24,864	6	16,474	6	7,742	6		6					
1/4	50,608	1/4	41,915	1/4	33,219	1/4	24,695	1/4	16,292	1/4	7,560	1/4		1/4					
1/2	50,426	1/2	41,734	1/2	33,037	1/2	24,526	1/2	16,110	1/2	7,378	1/2		1/2					
3/4	50,245	3/4	41,554	3/4	32,856	3/4	24,357	3/4	15,928	3/4	7,196	3/4		3/4					
7	50,064	7	41,373	7	32,674	7	24,188	7	15,746	7	7,014	7		7					
1/4	49,882	1/4	41,192	1/4	32,493	1/4	24,019	1/4	15,564	1/4	6,832	1/4		1/4					
1/2	49,701	1/2	41,011	1/2	32,312	1/2	23,851	1/2	15,382	1/2	6,650	1/2		1/2					
3/4	49,519	3/4	40,831	3/4	32,130	3/4	23,682	3/4	15,200	3/4	6,468	3/4		3/4					
8	49,338	8	40,650	8	31,949	8	23,513	8	15,018	8	6,287	8		8					
1/4	49,156	1/4	40,469	1/4	31,767	1/4	23,344	1/4	14,837	1/4	6,105	1/4		1/4					
1/2	48,975	1/2	40,289	1/2	31,586	1/2	23,175	1/2	14,655	1/2	5,923	1/2		1/2					
3/4	48,794	3/4	40,108	3/4	31,404	3/4	23,006	3/4	14,473	3/4	5,741	3/4		3/4					
9	48,612	9	39,927	9	31,223	9	22,837	9	14,291	9	5,559	9		9					
1/4	48,431	1/4	39,746	1/4	31,042	1/4	22,668	1/4	14,109	1/4	5,377	1/4		1/4					
1/2	48,249	1/2	39,566	1/2	30,860	1/2	22,499	1/2	13,927	1/2	5,195	1/2		1/2					
3/4	48,068	3/4	39,385	3/4	30,679	3/4	22,330	3/4	13,745	3/4	5,014	3/4		3/4					
10	47,886	10	39,204	10	30,497	10	22,161	10	13,563	10	4,832	10		10					
1/4	47,705	1/4	39,023	1/4	30,316	1/4	21,992	1/4	13,381	1/4	4,650	1/4		1/4					
1/2	47,524	1/2	38,842	1/2	30,134	1/2	21,823	1/2	13,199	1/2	4,469	1/2		1/2					
3/4	47,342	3/4	38,661	3/4	29,953	3/4	21,654	3/4	13,017	3/4	4,288	3/4		3/4					
11	47,161	11	38,480	11	29,772	11	21,485	11	12,835	11	4,106	11		11					
1/4	46,979	1/4	38,299	1/4	29,590	1/4	21,316	1/4	12,653	1/4	3,925	1/4		1/4					
1/2	46,798	1/2	38,117	1/2	29,409	1/2	21,147	1/2	12,471	1/2	3,744	1/2		1/2					
3/4	46,616	3/4	37,936	3/4	29,227	3/4	20,978	3/4	12,290	3/4	3,563	3/4		3/4					

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 1000"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	113,322	0	105,614	0	97,906	0	89,910	0	81,204	0	72,503	0	63,810
1/4		1/4		1/4		1/4	113,161	1/4	105,454	1/4	97,746	1/4	89,729	1/4	81,023	1/4	72,322	1/4	63,630
1/2		1/2		1/2		1/2	113,001	1/2	105,293	1/2	97,585	1/2	89,547	1/2	80,842	1/2	72,141	1/2	63,449
3/4		3/4		3/4		3/4	112,840	3/4	105,132	3/4	97,424	3/4	89,365	3/4	80,661	3/4	71,959	3/4	63,268
1		1		1		1	112,680	1	104,972	1	97,264	1	89,183	1	80,479	1	71,778	1	63,087
1/4		1/4		1/4		1/4	112,519	1/4	104,811	1/4	97,103	1/4	89,001	1/4	80,298	1/4	71,597	1/4	62,906
1/2		1/2		1/2		1/2	112,359	1/2	104,651	1/2	96,943	1/2	88,820	1/2	80,117	1/2	71,415	1/2	62,726
3/4		3/4		3/4	119,205	3/4	112,198	3/4	104,490	3/4	96,782	3/4	88,638	3/4	79,936	3/4	71,234	3/4	62,545
2		2		2	119,154	2	112,037	2	104,329	2	96,622	2	88,456	2	79,755	2	71,053	2	62,364
1/4		1/4		1/4	119,073	1/4	111,877	1/4	104,169	1/4	96,461	1/4	88,275	1/4	79,573	1/4	70,871	1/4	62,183
1/2		1/2		1/2	118,992	1/2	111,716	1/2	104,008	1/2	96,300	1/2	88,094	1/2	79,392	1/2	70,690	1/2	62,002
3/4		3/4		3/4	118,911	3/4	111,556	3/4	103,848	3/4	96,140	3/4	87,912	3/4	79,211	3/4	70,509	3/4	61,822
3		3		3	118,830	3	111,395	3	103,687	3	95,979	3	87,731	3	79,030	3	70,327	3	61,641
1/4		1/4		1/4	118,719	1/4	111,235	1/4	103,527	1/4	95,819	1/4	87,550	1/4	78,849	1/4	70,146	1/4	61,460
1/2		1/2		1/2	118,608	1/2	111,074	1/2	103,366	1/2	95,658	1/2	87,368	1/2	78,668	1/2	69,965	1/2	61,279
3/4		3/4		3/4	118,496	3/4	110,913	3/4	103,205	3/4	95,498	3/4	87,187	3/4	78,486	3/4	69,783	3/4	61,098
4		4		4	118,385	4	110,753	4	103,045	4	95,337	4	87,006	4	78,305	4	69,602	4	60,917
1/4		1/4		1/4	118,243	1/4	110,592	1/4	102,884	1/4	95,176	1/4	86,824	1/4	78,124	1/4	69,421	1/4	60,736
1/2		1/2		1/2	118,102	1/2	110,432	1/2	102,724	1/2	95,016	1/2	86,643	1/2	77,943	1/2	69,239	1/2	60,555
3/4		3/4		3/4	117,960	3/4	110,271	3/4	102,563	3/4	94,855	3/4	86,462	3/4	77,762	3/4	69,058	3/4	60,374
5		5		5	117,818	5	110,110	5	102,403	5	94,695	5	86,281	5	77,580	5	68,876	5	60,193
1/4		1/4		1/4	117,658	1/4	109,950	1/4	102,242	1/4	94,534	1/4	86,099	1/4	77,399	1/4	68,695	1/4	60,012
1/2		1/2		1/2	117,497	1/2	109,789	1/2	102,081	1/2	94,373	1/2	85,918	1/2	77,218	1/2	68,514	1/2	59,831
3/4		3/4		3/4	117,337	3/4	109,629	3/4	101,921	3/4	94,213	3/4	85,737	3/4	77,037	3/4	68,332	3/4	59,649
6		6		6	117,176	6	109,468	6	101,760	6	94,052	6	85,555	6	76,855	6	68,151	6	59,468
1/4		1/4		1/4	117,015	1/4	109,308	1/4	101,600	1/4	93,892	1/4	85,374	1/4	76,674	1/4	67,970	1/4	59,287
1/2		1/2		1/2	116,855	1/2	109,147	1/2	101,439	1/2	93,731	1/2	85,193	1/2	76,493	1/2	67,789	1/2	59,105
3/4		3/4		3/4	116,694	3/4	108,986	3/4	101,278	3/4	93,571	3/4	85,011	3/4	76,311	3/4	67,608	3/4	58,924
7		7		7	116,534	7	108,826	7	101,118	7	93,410	7	84,830	7	76,130	7	67,427	7	58,743
1/4		1/4		1/4	116,373	1/4	108,665	1/4	100,957	1/4	93,249	1/4	84,649	1/4	75,949	1/4	67,246	1/4	58,561
1/2		1/2		1/2	116,213	1/2	108,505	1/2	100,797	1/2	93,089	1/2	84,467	1/2	75,767	1/2	67,065	1/2	58,380
3/4		3/4		3/4	116,052	3/4	108,344	3/4	100,636	3/4	92,928	3/4	84,286	3/4	75,586	3/4	66,884	3/4	58,199
8		8		8	115,891	8	108,183	8	100,476	8	92,768	8	84,105	8	75,405	8	66,703	8	58,017
1/4		1/4		1/4	115,731	1/4	108,023	1/4	100,315	1/4	92,599	1/4	83,924	1/4	75,223	1/4	66,523	1/4	57,836
1/2		1/2		1/2	115,570	1/2	107,862	1/2	100,154	1/2	92,430	1/2	83,742	1/2	75,042	1/2	66,342	1/2	57,655
3/4		3/4		3/4	115,410	3/4	107,702	3/4	99,994	3/4	92,262	3/4	83,561	3/4	74,861	3/4	66,161	3/4	57,473
9		9		9	115,249	9	107,541	9	99,833	9	92,093	9	83,380	9	74,679	9	65,980	9	57,292
1/4		1/4		1/4	115,088	1/4	107,381	1/4	99,673	1/4	91,911	1/4	83,198	1/4	74,498	1/4	65,799	1/4	57,111
1/2		1/2		1/2	114,928	1/2	107,220	1/2	99,512	1/2	91,730	1/2	83,017	1/2	74,317	1/2	65,618	1/2	56,929
3/4		3/4		3/4	114,767	3/4	107,059	3/4	99,351	3/4	91,548	3/4	82,836	3/4	74,135	3/4	65,438	3/4	56,748
10		10		10	114,607	10	106,899	10	99,191	10	91,366	10	82,654	10	73,954	10	65,257	10	56,567
1/4		1/4		1/4	114,446	1/4	106,738	1/4	99,030	1/4	91,184	1/4	82,473	1/4	73,773	1/4	65,076	1/4	56,385
1/2		1/2		1/2	114,286	1/2	106,578	1/2	98,870	1/2	91,002	1/2	82,292	1/2	73,591	1/2	64,895	1/2	56,204
3/4		3/4		3/4	114,125	3/4	106,417	3/4	98,709	3/4	90,820	3/4	82,111	3/4	73,410	3/4	64,714	3/4	56,023
11		11		11	113,964	11	106,256	11	98,549	11	90,638	11	81,929	11	73,229	11	64,534	11	55,841
1/4		1/4		1/4	113,804	1/4	106,096	1/4	98,388	1/4	90,456	1/4	81,748	1/4	73,047	1/4	64,353	1/4	55,660
1/2		1/2		1/2	113,643	1/2	105,935	1/2	98,227	1/2	90,274	1/2	81,567	1/2	72,866	1/2	64,172	1/2	55,479
3/4		3/4		3/4	113,483	3/4	105,775	3/4	98,067	3/4	90,092	3/4	81,385	3/4	72,685	3/4	63,991	3/4	55,297

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 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 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "CBC 1000"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	55,116	0	46,412	0	37,736	0	29,031	0	20,799	0	12,102	0	3,381	0		0		0	
1/4	54,935	1/4	46,231	1/4	37,554	1/4	28,850	1/4	20,625	1/4	11,920	1/4	3,201	1/4				1/4	
1/2	54,753	1/2	46,050	1/2	37,373	1/2	28,669	1/2	20,451	1/2	11,738	1/2	3,021	1/2				1/2	
3/4	54,572	3/4	45,868	3/4	37,192	3/4	28,487	3/4	20,277	3/4	11,557	3/4	2,841	3/4				3/4	
1	54,391	1	45,687	1	37,010	1	28,306	1	20,103	1	11,375	1	2,662	1				1	
1/4	54,209	1/4	45,507	1/4	36,829	1/4	28,125	1/4	19,921	1/4	11,193	1/4	2,487	1/4				1/4	
1/2	54,028	1/2	45,326	1/2	36,648	1/2	27,944	1/2	19,740	1/2	11,011	1/2	2,313	1/2				1/2	
3/4	53,847	3/4	45,145	3/4	36,466	3/4	27,762	3/4	19,558	3/4	10,829	3/4	2,139	3/4				3/4	
2	53,665	2	44,965	2	36,285	2	27,581	2	19,376	2	10,648	2	1,964	2				2	
1/4	53,484	1/4	44,784	1/4	36,104	1/4	27,405	1/4	19,194	1/4	10,466	1/4	1,810	1/4				1/4	
1/2	53,303	1/2	44,604	1/2	35,922	1/2	27,228	1/2	19,012	1/2	10,284	1/2	1,655	1/2				1/2	
3/4	53,121	3/4	44,423	3/4	35,741	3/4	27,052	3/4	18,830	3/4	10,102	3/4	1,500	3/4				3/4	
3	52,940	3	44,242	3	35,560	3	26,875	3	18,649	3	9,920	3	1,345	3				3	
1/4	52,759	1/4	44,062	1/4	35,378	1/4	26,706	1/4	18,467	1/4	9,738	1/4	1,221	1/4				1/4	
1/2	52,577	1/2	43,881	1/2	35,197	1/2	26,538	1/2	18,285	1/2	9,557	1/2	1,097	1/2				1/2	
3/4	52,396	3/4	43,700	3/4	35,016	3/4	26,369	3/4	18,103	3/4	9,375	3/4	972	3/4				3/4	
4	52,215	4	43,520	4	34,834	4	26,200	4	17,921	4	9,193	4	848	4				4	
1/4	52,033	1/4	43,339	1/4	34,653	1/4	26,031	1/4	17,739	1/4	9,011	1/4	754	1/4				1/4	
1/2	51,852	1/2	43,159	1/2	34,472	1/2	25,863	1/2	17,557	1/2	8,829	1/2	660	1/2				1/2	
3/4	51,671	3/4	42,978	3/4	34,290	3/4	25,694	3/4	17,376	3/4	8,648	3/4	565	3/4				3/4	
5	51,489	5	42,797	5	34,109	5	25,526	5	17,194	5	8,466	5	471	5				5	
1/4	51,308	1/4	42,617	1/4	33,928	1/4	25,357	1/4	17,012	1/4	8,284	1/4		1/4				1/4	
1/2	51,126	1/2	42,436	1/2	33,746	1/2	25,189	1/2	16,830	1/2	8,102	1/2		1/2				1/2	
3/4	50,945	3/4	42,255	3/4	33,565	3/4	25,020	3/4	16,648	3/4	7,920	3/4		3/4				3/4	
6	50,764	6	42,075	6	33,384	6	24,852	6	16,466	6	7,738	6		6				6	
1/4	50,582	1/4	41,894	1/4	33,202	1/4	24,683	1/4	16,284	1/4	7,557	1/4		1/4				1/4	
1/2	50,401	1/2	41,713	1/2	33,021	1/2	24,514	1/2	16,103	1/2	7,375	1/2		1/2				1/2	
3/4	50,220	3/4	41,533	3/4	32,840	3/4	24,345	3/4	15,921	3/4	7,193	3/4		3/4				3/4	
7	50,038	7	41,352	7	32,658	7	24,177	7	15,739	7	7,011	7		7				7	
1/4	49,857	1/4	41,172	1/4	32,477	1/4	24,008	1/4	15,557	1/4	6,829	1/4		1/4				1/4	
1/2	49,676	1/2	40,991	1/2	32,296	1/2	23,839	1/2	15,375	1/2	6,648	1/2		1/2				1/2	
3/4	49,494	3/4	40,810	3/4	32,114	3/4	23,670	3/4	15,193	3/4	6,466	3/4		3/4				3/4	
8	49,313	8	40,630	8	31,933	8	23,501	8	15,011	8	6,284	8		8				8	
1/4	49,132	1/4	40,449	1/4	31,752	1/4	23,333	1/4	14,830	1/4	6,102	1/4		1/4				1/4	
1/2	48,950	1/2	40,268	1/2	31,570	1/2	23,164	1/2	14,648	1/2	5,920	1/2		1/2				1/2	
3/4	48,769	3/4	40,088	3/4	31,389	3/4	22,995	3/4	14,466	3/4	5,738	3/4		3/4				3/4	
9	48,588	9	39,907	9	31,208	9	22,826	9	14,284	9	5,557	9		9				9	
1/4	48,406	1/4	39,727	1/4	31,026	1/4	22,657	1/4	14,102	1/4	5,375	1/4		1/4				1/4	
1/2	48,225	1/2	39,546	1/2	30,845	1/2	22,488	1/2	13,920	1/2	5,193	1/2		1/2				1/2	
3/4	48,044	3/4	39,365	3/4	30,663	3/4	22,320	3/4	13,738	3/4	5,012	3/4		3/4				3/4	
10	47,862	10	39,185	10	30,482	10	22,151	10	13,557	10	4,830	10		10				10	
1/4	47,681	1/4	39,004	1/4	30,301	1/4	21,982	1/4	13,375	1/4	4,649	1/4		1/4				1/4	
1/2	47,500	1/2	38,823	1/2	30,119	1/2	21,813	1/2	13,193	1/2	4,467	1/2		1/2				1/2	
3/4	47,318	3/4	38,642	3/4	29,938	3/4	21,644	3/4	13,011	3/4	4,286	3/4		3/4				3/4	
11	47,137	11	38,461	11	29,757	11	21,475	11	12,829	11	4,105	11		11				11	
1/4	46,956	1/4	38,280	1/4	29,575	1/4	21,306	1/4	12,648	1/4	3,924	1/4		1/4				1/4	
1/2	46,774	1/2	38,098	1/2	29,394	1/2	21,137	1/2	12,466	1/2	3,743	1/2		1/2				1/2	
3/4	46,593	3/4	37,917	3/4	29,213	3/4	20,968	3/4	12,284	3/4	3,562	3/4		3/4				3/4	

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1000"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	107,483	0	99,453	0	91,423	0	83,393	0	75,363	0	67,333	0	59,303
1/4		1/4		1/4		1/4	107,315	1/4	99,285	1/4	91,255	1/4	83,225	1/4	75,195	1/4	67,165	1/4	59,135
1/2		1/2		1/2		1/2	107,148	1/2	99,118	1/2	91,088	1/2	83,058	1/2	75,028	1/2	66,998	1/2	58,968
3/4		3/4		3/4		3/4	106,981	3/4	98,951	3/4	90,921	3/4	82,891	3/4	74,861	3/4	66,831	3/4	58,801
1		1		1		1	106,814	1	98,784	1	90,754	1	82,724	1	74,694	1	66,664	1	58,634
1/4		1/4		1/4		1/4	106,646	1/4	98,616	1/4	90,586	1/4	82,556	1/4	74,526	1/4	66,496	1/4	58,466
1/2		1/2		1/2		1/2	106,479	1/2	98,449	1/2	90,419	1/2	82,389	1/2	74,359	1/2	66,329	1/2	58,299
3/4		3/4		3/4	113,697	3/4	106,312	3/4	98,282	3/4	90,252	3/4	82,222	3/4	74,192	3/4	66,162	3/4	58,132
2		2		2		2	113,631	2	106,144	2	98,114	2	90,084	2	82,054	2	74,024	2	65,994
1/4		1/4		1/4		1/4	113,537	1/4	105,977	1/4	97,947	1/4	89,917	1/4	81,887	1/4	73,857	1/4	65,827
1/2		1/2		1/2		1/2	113,443	1/2	105,810	1/2	97,780	1/2	89,750	1/2	81,720	1/2	73,690	1/2	65,660
3/4		3/4		3/4		3/4	113,348	3/4	105,642	3/4	97,612	3/4	89,582	3/4	81,553	3/4	73,523	3/4	65,493
3		3		3		3	113,254	3	105,475	3	97,445	3	89,415	3	81,385	3	73,355	3	65,325
1/4		1/4		1/4		1/4	113,132	1/4	105,308	1/4	97,278	1/4	89,248	1/4	81,218	1/4	73,188	1/4	65,158
1/2		1/2		1/2		1/2	113,010	1/2	105,141	1/2	97,111	1/2	89,081	1/2	81,051	1/2	73,021	1/2	64,991
3/4		3/4		3/4		3/4	112,888	3/4	104,973	3/4	96,943	3/4	88,913	3/4	80,883	3/4	72,853	3/4	64,823
4		4		4		4	112,766	4	104,806	4	96,776	4	88,746	4	80,716	4	72,686	4	64,656
1/4		1/4		1/4		1/4	112,616	1/4	104,639	1/4	96,609	1/4	88,579	1/4	80,549	1/4	72,519	1/4	64,489
1/2		1/2		1/2		1/2	112,467	1/2	104,471	1/2	96,441	1/2	88,411	1/2	80,381	1/2	72,351	1/2	64,321
3/4		3/4		3/4		3/4	112,317	3/4	104,304	3/4	96,274	3/4	88,244	3/4	80,214	3/4	72,184	3/4	64,154
5		5		5		5	112,167	5	104,137	5	96,107	5	88,077	5	80,047	5	72,017	5	63,987
1/4		1/4		1/4		1/4	112,000	1/4	103,970	1/4	95,940	1/4	87,910	1/4	79,880	1/4	71,850	1/4	63,820
1/2		1/2		1/2		1/2	111,832	1/2	103,802	1/2	95,772	1/2	87,742	1/2	79,712	1/2	71,682	1/2	63,652
3/4		3/4		3/4		3/4	111,665	3/4	103,635	3/4	95,605	3/4	87,575	3/4	79,545	3/4	71,515	3/4	63,485
6		6		6		6	111,498	6	103,468	6	95,438	6	87,408	6	79,378	6	71,348	6	63,318
1/4		1/4		1/4		1/4	111,330	1/4	103,300	1/4	95,270	1/4	87,240	1/4	79,210	1/4	71,180	1/4	63,150
1/2		1/2		1/2		1/2	111,163	1/2	103,133	1/2	95,103	1/2	87,073	1/2	79,043	1/2	71,013	1/2	62,983
3/4		3/4		3/4		3/4	110,996	3/4	102,966	3/4	94,936	3/4	86,906	3/4	78,876	3/4	70,846	3/4	62,816
7		7		7		7	110,829	7	102,799	7	94,769	7	86,739	7	78,709	7	70,679	7	62,649
1/4		1/4		1/4		1/4	110,661	1/4	102,631	1/4	94,601	1/4	86,571	1/4	78,541	1/4	70,511	1/4	62,481
1/2		1/2		1/2		1/2	110,494	1/2	102,464	1/2	94,434	1/2	86,404	1/2	78,374	1/2	70,344	1/2	62,314
3/4		3/4		3/4		3/4	110,327	3/4	102,297	3/4	94,267	3/4	86,237	3/4	78,207	3/4	70,177	3/4	62,147
8		8		8		8	110,159	8	102,129	8	94,099	8	86,069	8	78,039	8	70,009	8	61,979
1/4		1/4		1/4		1/4	109,992	1/4	101,962	1/4	93,932	1/4	85,902	1/4	77,872	1/4	69,842	1/4	61,812
1/2		1/2		1/2		1/2	109,825	1/2	101,795	1/2	93,765	1/2	85,735	1/2	77,705	1/2	69,675	1/2	61,645
3/4		3/4		3/4		3/4	109,657	3/4	101,627	3/4	93,597	3/4	85,568	3/4	77,538	3/4	69,508	3/4	61,478
9		9		9		9	109,490	9	101,460	9	93,430	9	85,400	9	77,370	9	69,340	9	61,310
1/4		1/4		1/4		1/4	109,323	1/4	101,293	1/4	93,263	1/4	85,233	1/4	77,203	1/4	69,173	1/4	61,143
1/2		1/2		1/2		1/2	109,156	1/2	101,126	1/2	93,096	1/2	85,066	1/2	77,036	1/2	69,006	1/2	60,976
3/4		3/4		3/4		3/4	108,988	3/4	100,958	3/4	92,928	3/4	84,898	3/4	76,868	3/4	68,838	3/4	60,808
10		10		10		10	108,821	10	100,791	10	92,761	10	84,731	10	76,701	10	68,671	10	60,641
1/4		1/4		1/4		1/4	108,654	1/4	100,624	1/4	92,594	1/4	84,564	1/4	76,534	1/4	68,504	1/4	60,474
1/2		1/2		1/2		1/2	108,486	1/2	100,456	1/2	92,426	1/2	84,396	1/2	76,366	1/2	68,336	1/2	60,307
3/4		3/4		3/4		3/4	108,319	3/4	100,289	3/4	92,259	3/4	84,229	3/4	76,199	3/4	68,169	3/4	60,139
11		11		11		11	108,152	11	100,122	11	92,092	11	84,062	11	76,032	11	68,002	11	59,972
1/4		1/4		1/4		1/4	107,985	1/4	99,955	1/4	91,925	1/4	83,895	1/4	75,865	1/4	67,835	1/4	59,805
1/2		1/2		1/2		1/2	107,817	1/2	99,787	1/2	91,757	1/2	83,727	1/2	75,697	1/2	67,667	1/2	59,637
3/4		3/4		3/4		3/4	107,650	3/4	99,620	3/4	91,590	3/4	83,560	3/4	75,530	3/4	67,500	3/4	59,470

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 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 1000"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	51,273	0	43,243	0	35,213	0	27,183	0	19,173	0	11,143	0	3,119	0		0			
1/4	51,105	1/4	43,075	1/4	35,046	1/4	27,016	1/4	19,006	1/4	10,976	1/4	2,953	1/4					
1/2	50,938	1/2	42,908	1/2	34,878	1/2	26,849	1/2	18,838	1/2	10,809	1/2	2,788	1/2					
3/4	50,771	3/4	42,741	3/4	34,711	3/4	26,681	3/4	18,671	3/4	10,642	3/4	2,622	3/4					
1	50,604	1	42,574	1	34,544	1	26,514	1	18,504	1	10,474	1	2,457	1					
1/4	50,436	1/4	42,406	1/4	34,376	1/4	26,347	1/4	18,337	1/4	10,307	1/4	2,297	1/4					
1/2	50,269	1/2	42,239	1/2	34,209	1/2	26,180	1/2	18,169	1/2	10,140	1/2	2,136	1/2					
3/4	50,102	3/4	42,072	3/4	34,042	3/4	26,013	3/4	18,002	3/4	9,972	3/4	1,976	3/4					
2	49,934	2	41,904	2	33,874	2	25,846	2	17,835	2	9,805	2	1,816	2					
1/4	49,767	1/4	41,737	1/4	33,707	1/4	25,679	1/4	17,667	1/4	9,638	1/4	1,673	1/4					
1/2	49,600	1/2	41,570	1/2	33,540	1/2	25,512	1/2	17,500	1/2	9,471	1/2	1,530	1/2					
3/4	49,433	3/4	41,403	3/4	33,373	3/4	25,346	3/4	17,333	3/4	9,303	3/4	1,387	3/4					
3	49,265	3	41,235	3	33,205	3	25,179	3	17,166	3	9,136	3	1,245	3					
1/4	49,098	1/4	41,068	1/4	33,038	1/4	25,012	1/4	16,998	1/4	8,969	1/4	1,130	1/4					
1/2	48,931	1/2	40,901	1/2	32,871	1/2	24,846	1/2	16,831	1/2	8,801	1/2	1,015	1/2					
3/4	48,763	3/4	40,733	3/4	32,703	3/4	24,679	3/4	16,664	3/4	8,634	3/4	900	3/4					
4	48,596	4	40,566	4	32,536	4	24,512	4	16,496	4	8,467	4	785	4					
1/4	48,429	1/4	40,399	1/4	32,369	1/4	24,345	1/4	16,329	1/4	8,300	1/4	698	1/4					
1/2	48,262	1/2	40,232	1/2	32,202	1/2	24,179	1/2	16,162	1/2	8,132	1/2	610	1/2					
3/4	48,094	3/4	40,064	3/4	32,034	3/4	24,012	3/4	15,995	3/4	7,965	3/4	523	3/4					
5	47,927	5	39,897	5	31,867	5	23,845	5	15,827	5	7,798	5	437	5					
1/4	47,760	1/4	39,730	1/4	31,700	1/4	23,679	1/4	15,660	1/4	7,630	1/4		1/4					
1/2	47,592	1/2	39,562	1/2	31,532	1/2	23,512	1/2	15,493	1/2	7,463	1/2		1/2					
3/4	47,425	3/4	39,395	3/4	31,365	3/4	23,345	3/4	15,325	3/4	7,296	3/4		3/4					
6	47,258	6	39,228	6	31,198	6	23,179	6	15,158	6	7,129	6		6					
1/4	47,090	1/4	39,060	1/4	31,031	1/4	23,012	1/4	14,991	1/4	6,961	1/4		1/4					
1/2	46,923	1/2	38,893	1/2	30,863	1/2	22,845	1/2	14,824	1/2	6,794	1/2		1/2					
3/4	46,756	3/4	38,726	3/4	30,696	3/4	22,679	3/4	14,656	3/4	6,627	3/4		3/4					
7	46,589	7	38,559	7	30,529	7	22,512	7	14,489	7	6,459	7		7					
1/4	46,421	1/4	38,391	1/4	30,361	1/4	22,345	1/4	14,322	1/4	6,292	1/4		1/4					
1/2	46,254	1/2	38,224	1/2	30,194	1/2	22,178	1/2	14,154	1/2	6,125	1/2		1/2					
3/4	46,087	3/4	38,057	3/4	30,027	3/4	22,012	3/4	13,987	3/4	5,958	3/4		3/4					
8	45,919	8	37,889	8	29,859	8	21,845	8	13,820	8	5,790	8		8					
1/4	45,752	1/4	37,722	1/4	29,692	1/4	21,678	1/4	13,653	1/4	5,623	1/4		1/4					
1/2	45,585	1/2	37,555	1/2	29,525	1/2	21,512	1/2	13,485	1/2	5,456	1/2		1/2					
3/4	45,418	3/4	37,388	3/4	29,358	3/4	21,345	3/4	13,318	3/4	5,289	3/4		3/4					
9	45,250	9	37,220	9	29,190	9	21,178	9	13,151	9	5,121	9		9					
1/4	45,083	1/4	37,053	1/4	29,023	1/4	21,011	1/4	12,983	1/4	4,954	1/4		1/4					
1/2	44,916	1/2	36,886	1/2	28,856	1/2	20,845	1/2	12,816	1/2	4,787	1/2		1/2					
3/4	44,748	3/4	36,718	3/4	28,688	3/4	20,678	3/4	12,649	3/4	4,620	3/4		3/4					
10	44,581	10	36,551	10	28,521	10	20,511	10	12,482	10	4,452	10		10					
1/4	44,414	1/4	36,384	1/4	28,354	1/4	20,344	1/4	12,314	1/4	4,285	1/4		1/4					
1/2	44,247	1/2	36,217	1/2	28,187	1/2	20,176	1/2	12,147	1/2	4,118	1/2		1/2					
3/4	44,079	3/4	36,049	3/4	28,019	3/4	20,009	3/4	11,980	3/4	3,951	3/4		3/4					
11	43,912	11	35,882	11	27,852	11	19,842	11	11,813	11	3,785	11		11					
1/4	43,745	1/4	35,715	1/4	27,685	1/4	19,675	1/4	11,645	1/4	3,618	1/4		1/4					
1/2	43,577	1/2	35,547	1/2	27,517	1/2	19,508	1/2	11,478	1/2	3,452	1/2		1/2					
3/4	43,410	3/4	35,380	3/4	27,350	3/4	19,340	3/4	11,311	3/4	3,285	3/4		3/4					

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 1000"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	107,512	0	99,480	0	91,448	0	83,416	0	75,384	0	67,352	0	59,320
1/4		1/4		1/4		1/4	107,345	1/4	99,313	1/4	91,281	1/4	83,248	1/4	75,216	1/4	67,184	1/4	59,152
1/2		1/2		1/2		1/2	107,177	1/2	99,145	1/2	91,113	1/2	83,081	1/2	75,049	1/2	67,017	1/2	58,985
3/4		3/4		3/4		3/4	107,010	3/4	98,978	3/4	90,946	3/4	82,914	3/4	74,882	3/4	66,850	3/4	58,818
1		1		1		1	106,843	1	98,811	1	90,779	1	82,746	1	74,714	1	66,682	1	58,650
1/4		1/4		1/4		1/4	106,675	1/4	98,643	1/4	90,611	1/4	82,579	1/4	74,547	1/4	66,515	1/4	58,483
1/2		1/2		1/2		1/2	106,508	1/2	98,476	1/2	90,444	1/2	82,412	1/2	74,380	1/2	66,348	1/2	58,316
3/4		3/4		3/4	113,728	3/4	106,341	3/4	98,309	3/4	90,277	3/4	82,244	3/4	74,212	3/4	66,180	3/4	58,148
2		2		2		2	113,662	2	106,173	2	98,141	2	90,109	2	82,077	2	74,045	2	66,013
1/4		1/4		1/4		1/4	113,568	1/4	106,006	1/4	97,974	1/4	89,942	1/4	81,910	1/4	73,878	1/4	65,846
1/2		1/2		1/2		1/2	113,473	1/2	105,839	1/2	97,807	1/2	89,775	1/2	81,742	1/2	73,710	1/2	65,678
3/4		3/4		3/4		3/4	113,379	3/4	105,671	3/4	97,639	3/4	89,607	3/4	81,575	3/4	73,543	3/4	65,511
3		3		3		3	113,285	3	105,504	3	97,472	3	89,440	3	81,408	3	73,376	3	65,344
1/4		1/4		1/4		1/4	113,163	1/4	105,337	1/4	97,305	1/4	89,273	1/4	81,240	1/4	73,208	1/4	65,176
1/2		1/2		1/2		1/2	113,041	1/2	105,169	1/2	97,137	1/2	89,105	1/2	81,073	1/2	73,041	1/2	65,009
3/4		3/4		3/4		3/4	112,919	3/4	105,002	3/4	96,970	3/4	88,938	3/4	80,906	3/4	72,874	3/4	64,842
4		4		4		4	112,797	4	104,835	4	96,803	4	88,771	4	80,738	4	72,706	4	64,674
1/4		1/4		1/4		1/4	112,647	1/4	104,667	1/4	96,635	1/4	88,603	1/4	80,571	1/4	72,539	1/4	64,507
1/2		1/2		1/2		1/2	112,497	1/2	104,500	1/2	96,468	1/2	88,436	1/2	80,404	1/2	72,372	1/2	64,340
3/4		3/4		3/4		3/4	112,347	3/4	104,333	3/4	96,301	3/4	88,269	3/4	80,236	3/4	72,204	3/4	64,172
5		5		5		5	112,197	5	104,165	5	96,133	5	88,101	5	80,069	5	72,037	5	64,005
1/4		1/4		1/4		1/4	112,030	1/4	103,998	1/4	95,966	1/4	87,934	1/4	79,902	1/4	71,870	1/4	63,838
1/2		1/2		1/2		1/2	111,863	1/2	103,831	1/2	95,799	1/2	87,767	1/2	79,734	1/2	71,702	1/2	63,670
3/4		3/4		3/4		3/4	111,695	3/4	103,663	3/4	95,631	3/4	87,599	3/4	79,567	3/4	71,535	3/4	63,503
6		6		6		6	111,528	6	103,496	6	95,464	6	87,432	6	79,400	6	71,368	6	63,336
1/4		1/4		1/4		1/4	111,361	1/4	103,329	1/4	95,297	1/4	87,265	1/4	79,232	1/4	71,200	1/4	63,168
1/2		1/2		1/2		1/2	111,193	1/2	103,161	1/2	95,129	1/2	87,097	1/2	79,065	1/2	71,033	1/2	63,001
3/4		3/4		3/4		3/4	111,026	3/4	102,994	3/4	94,962	3/4	86,930	3/4	78,898	3/4	70,866	3/4	62,834
7		7		7		7	110,859	7	102,827	7	94,795	7	86,763	7	78,730	7	70,698	7	62,666
1/4		1/4		1/4		1/4	110,691	1/4	102,659	1/4	94,627	1/4	86,595	1/4	78,563	1/4	70,531	1/4	62,499
1/2		1/2		1/2		1/2	110,524	1/2	102,492	1/2	94,460	1/2	86,428	1/2	78,396	1/2	70,364	1/2	62,332
3/4		3/4		3/4		3/4	110,357	3/4	102,325	3/4	94,293	3/4	86,261	3/4	78,228	3/4	70,196	3/4	62,164
8		8		8		8	110,189	8	102,157	8	94,125	8	86,093	8	78,061	8	70,029	8	61,997
1/4		1/4		1/4		1/4	110,022	1/4	101,990	1/4	93,958	1/4	85,926	1/4	77,894	1/4	69,862	1/4	61,830
1/2		1/2		1/2		1/2	109,855	1/2	101,823	1/2	93,791	1/2	85,758	1/2	77,726	1/2	69,694	1/2	61,662
3/4		3/4		3/4		3/4	109,687	3/4	101,655	3/4	93,623	3/4	85,591	3/4	77,559	3/4	69,527	3/4	61,495
9		9		9		9	109,520	9	101,488	9	93,456	9	85,424	9	77,392	9	69,360	9	61,328
1/4		1/4		1/4		1/4	109,353	1/4	101,321	1/4	93,289	1/4	85,256	1/4	77,224	1/4	69,192	1/4	61,160
1/2		1/2		1/2		1/2	109,185	1/2	101,153	1/2	93,121	1/2	85,089	1/2	77,057	1/2	69,025	1/2	60,993
3/4		3/4		3/4		3/4	109,018	3/4	100,986	3/4	92,954	3/4	84,922	3/4	76,890	3/4	68,858	3/4	60,826
10		10		10		10	108,851	10	100,819	10	92,787	10	84,754	10	76,722	10	68,690	10	60,658
1/4		1/4		1/4		1/4	108,683	1/4	100,651	1/4	92,619	1/4	84,587	1/4	76,555	1/4	68,523	1/4	60,491
1/2		1/2		1/2		1/2	108,516	1/2	100,484	1/2	92,452	1/2	84,420	1/2	76,388	1/2	68,356	1/2	60,324
3/4		3/4		3/4		3/4	108,349	3/4	100,317	3/4	92,285	3/4	84,252	3/4	76,220	3/4	68,188	3/4	60,156
11		11		11		11	108,181	11	100,149	11	92,117	11	84,085	11	76,053	11	68,021	11	59,989
1/4		1/4		1/4		1/4	108,014	1/4	99,982	1/4	91,950	1/4	83,918	1/4	75,886	1/4	67,854	1/4	59,822
1/2		1/2		1/2		1/2	107,847	1/2	99,815	1/2	91,783	1/2	83,750	1/2	75,718	1/2	67,686	1/2	59,654
3/4		3/4		3/4		3/4	107,679	3/4	99,647	3/4	91,615	3/4	83,583	3/4	75,551	3/4	67,519	3/4	59,487

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 6'-00" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "CBC 1000"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-05"

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	51,287	0	43,255	0	35,223	0	27,191	0	19,159	0	11,146	0	3,120	0		0			
1/4	51,120	1/4	43,088	1/4	35,056	1/4	27,024	1/4	18,992	1/4	10,979	1/4	2,954	1/4		1/4		1/4	
1/2	50,953	1/2	42,921	1/2	34,889	1/2	26,857	1/2	18,825	1/2	10,812	1/2	2,789	1/2		1/2		1/2	
3/4	50,785	3/4	42,753	3/4	34,721	3/4	26,689	3/4	18,657	3/4	10,644	3/4	2,623	3/4		3/4		3/4	
1	50,618	1	42,586	1	34,554	1	26,522	1	18,490	1	10,477	1	2,458	1		1		1	
1/4	50,451	1/4	42,419	1/4	34,387	1/4	26,355	1/4	18,323	1/4	10,310	1/4	2,297	1/4		1/4		1/4	
1/2	50,283	1/2	42,251	1/2	34,219	1/2	26,187	1/2	18,155	1/2	10,142	1/2	2,137	1/2		1/2		1/2	
3/4	50,116	3/4	42,084	3/4	34,052	3/4	26,020	3/4	17,988	3/4	9,975	3/4	1,976	3/4		3/4		3/4	
2	49,949	2	41,917	2	33,885	2	25,853	2	17,821	2	9,808	2	1,816	2		2		2	
1/4	49,781	1/4	41,749	1/4	33,717	1/4	25,685	1/4	17,654	1/4	9,640	1/4	1,673	1/4		1/4		1/4	
1/2	49,614	1/2	41,582	1/2	33,550	1/2	25,518	1/2	17,487	1/2	9,473	1/2	1,531	1/2		1/2		1/2	
3/4	49,447	3/4	41,415	3/4	33,383	3/4	25,351	3/4	17,320	3/4	9,306	3/4	1,388	3/4		3/4		3/4	
3	49,279	3	41,247	3	33,215	3	25,183	3	17,153	3	9,138	3	1,245	3		3		3	
1/4	49,112	1/4	41,080	1/4	33,048	1/4	25,016	1/4	16,986	1/4	8,971	1/4	1,130	1/4		1/4		1/4	
1/2	48,945	1/2	40,913	1/2	32,881	1/2	24,849	1/2	16,819	1/2	8,804	1/2	1,015	1/2		1/2		1/2	
3/4	48,777	3/4	40,745	3/4	32,713	3/4	24,681	3/4	16,652	3/4	8,636	3/4	900	3/4		3/4		3/4	
4	48,610	4	40,578	4	32,546	4	24,514	4	16,486	4	8,469	4	785	4		4		4	
1/4	48,443	1/4	40,411	1/4	32,379	1/4	24,347	1/4	16,319	1/4	8,302	1/4	698	1/4		1/4		1/4	
1/2	48,275	1/2	40,243	1/2	32,211	1/2	24,179	1/2	16,152	1/2	8,134	1/2	611	1/2		1/2		1/2	
3/4	48,108	3/4	40,076	3/4	32,044	3/4	24,012	3/4	15,985	3/4	7,967	3/4	523	3/4		3/4		3/4	
5	47,941	5	39,909	5	31,877	5	23,845	5	15,819	5	7,800	5	437	5		5		5	
1/4	47,773	1/4	39,741	1/4	31,709	1/4	23,677	1/4	15,652	1/4	7,632	1/4		1/4		1/4		1/4	
1/2	47,606	1/2	39,574	1/2	31,542	1/2	23,510	1/2	15,485	1/2	7,465	1/2		1/2		1/2		1/2	
3/4	47,439	3/4	39,407	3/4	31,375	3/4	23,343	3/4	15,318	3/4	7,298	3/4		3/4		3/4		3/4	
6	47,271	6	39,239	6	31,207	6	23,175	6	15,152	6	7,131	6		6		6		6	
1/4	47,104	1/4	39,072	1/4	31,040	1/4	23,008	1/4	14,985	1/4	6,963	1/4		1/4		1/4		1/4	
1/2	46,937	1/2	38,905	1/2	30,873	1/2	22,841	1/2	14,818	1/2	6,796	1/2		1/2		1/2		1/2	
3/4	46,769	3/4	38,737	3/4	30,705	3/4	22,673	3/4	14,651	3/4	6,629	3/4		3/4		3/4		3/4	
7	46,602	7	38,570	7	30,538	7	22,506	7	14,485	7	6,461	7		7		7		7	
1/4	46,435	1/4	38,403	1/4	30,371	1/4	22,339	1/4	14,318	1/4	6,294	1/4		1/4		1/4		1/4	
1/2	46,267	1/2	38,235	1/2	30,203	1/2	22,171	1/2	14,151	1/2	6,127	1/2		1/2		1/2		1/2	
3/4	46,100	3/4	38,068	3/4	30,036	3/4	22,004	3/4	13,984	3/4	5,959	3/4		3/4		3/4		3/4	
8	45,933	8	37,901	8	29,869	8	21,837	8	13,818	8	5,792	8		8		8		8	
1/4	45,765	1/4	37,733	1/4	29,701	1/4	21,669	1/4	13,651	1/4	5,625	1/4		1/4		1/4		1/4	
1/2	45,598	1/2	37,566	1/2	29,534	1/2	21,502	1/2	13,484	1/2	5,457	1/2		1/2		1/2		1/2	
3/4	45,431	3/4	37,399	3/4	29,367	3/4	21,335	3/4	13,317	3/4	5,290	3/4		3/4		3/4		3/4	
9	45,263	9	37,231	9	29,199	9	21,167	9	13,151	9	5,123	9		9		9		9	
1/4	45,096	1/4	37,064	1/4	29,032	1/4	21,000	1/4	12,984	1/4	4,955	1/4		1/4		1/4		1/4	
1/2	44,929	1/2	36,897	1/2	28,865	1/2	20,833	1/2	12,817	1/2	4,788	1/2		1/2		1/2		1/2	
3/4	44,761	3/4	36,729	3/4	28,697	3/4	20,665	3/4	12,650	3/4	4,621	3/4		3/4		3/4		3/4	
10	44,594	10	36,562	10	28,530	10	20,498	10	12,484	10	4,454	10		10		10		10	
1/4	44,427	1/4	36,395	1/4	28,363	1/4	20,331	1/4	12,317	1/4	4,287	1/4		1/4		1/4		1/4	
1/2	44,259	1/2	36,227	1/2	28,195	1/2	20,163	1/2	12,150	1/2	4,120	1/2		1/2		1/2		1/2	
3/4	44,092	3/4	36,060	3/4	28,028	3/4	19,996	3/4	11,983	3/4	3,953	3/4		3/4		3/4		3/4	
11	43,925	11	35,893	11	27,861	11	19,829	11	11,816	11	3,786	11		11		11		11	
1/4	43,757	1/4	35,725	1/4	27,693	1/4	19,661	1/4	11,648	1/4	3,619	1/4		1/4		1/4		1/4	
1/2	43,590	1/2	35,558	1/2	27,526	1/2	19,494	1/2	11,481	1/2	3,453	1/2		1/2		1/2		1/2	
3/4	43,423	3/4	35,391	3/4	27,359	3/4	19,327	3/4	11,314	3/4	3,286	3/4		3/4		3/4		3/4	

STRAPPED: 08/03/2018 SW
CALCULATED: 08/03/2018 CL
PRINTED: 08/05/2018 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2018

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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