



BARGE "CBC 79"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 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	- 00-1/2	00-1/2	- 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 1 CENTER IS 00-1/4"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 159'-03"

January 17, 2008

PRECISION MEASUREMENT

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

<http://www.pmacorp.net>



BARGE "CBC 79"

1 CENTER 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	26	0	7,961	0	18,404	0	28,912	0	39,544	0	50,176	0	60,808	0	71,440	0	82,071	0	92,703
1/4	45	1/4	8,182	1/4	18,618	1/4	29,133	1/4	39,765	1/4	50,397	1/4	61,029	1/4	71,661	1/4	82,293	1/4	92,925
1/2	63	1/2	8,404	1/2	18,832	1/2	29,355	1/2	39,987	1/2	50,619	1/2	61,251	1/2	71,883	1/2	82,514	1/2	93,146
3/4	82	3/4	8,625	3/4	19,045	3/4	29,576	3/4	40,208	3/4	50,840	3/4	61,472	3/4	72,104	3/4	82,736	3/4	93,368
1	100	1	8,847	1	19,259	1	29,798	1	40,430	1	51,062	1	61,694	1	72,326	1	82,957	1	93,589
1/4	155	1/4	9,068	1/4	19,473	1/4	30,019	1/4	40,651	1/4	51,283	1/4	61,915	1/4	72,547	1/4	83,179	1/4	93,811
1/2	211	1/2	9,289	1/2	19,686	1/2	30,241	1/2	40,873	1/2	51,505	1/2	62,137	1/2	72,769	1/2	83,400	1/2	94,032
3/4	266	3/4	9,511	3/4	19,900	3/4	30,462	3/4	41,094	3/4	51,726	3/4	62,358	3/4	72,990	3/4	83,622	3/4	94,254
2	321	2	9,732	2	20,114	2	30,684	2	41,316	2	51,948	2	62,580	2	73,212	2	83,843	2	94,475
1/4	414	1/4	9,954	1/4	20,327	1/4	30,905	1/4	41,537	1/4	52,169	1/4	62,801	1/4	73,433	1/4	84,065	1/4	94,697
1/2	506	1/2	10,175	1/2	20,541	1/2	31,127	1/2	41,759	1/2	52,391	1/2	63,023	1/2	73,655	1/2	84,286	1/2	94,918
3/4	598	3/4	10,397	3/4	20,754	3/4	31,348	3/4	41,980	3/4	52,612	3/4	63,244	3/4	73,876	3/4	84,508	3/4	95,140
3	691	3	10,618	3	20,968	3	31,570	3	42,202	3	52,834	3	63,466	3	74,098	3	84,729	3	95,361
1/4	820	1/4	10,840	1/4	21,182	1/4	31,791	1/4	42,423	1/4	53,055	1/4	63,687	1/4	74,319	1/4	84,951	1/4	95,583
1/2	949	1/2	11,061	1/2	21,396	1/2	32,013	1/2	42,645	1/2	53,277	1/2	63,909	1/2	74,541	1/2	85,172	1/2	95,804
3/4	1,078	3/4	11,283	3/4	21,610	3/4	32,234	3/4	42,866	3/4	53,498	3/4	64,130	3/4	74,762	3/4	85,394	3/4	96,026
4	1,207	4	11,504	4	21,824	4	32,456	4	43,088	4	53,720	4	64,352	4	74,984	4	85,615	4	96,247
1/4	1,373	1/4	11,726	1/4	22,045	1/4	32,677	1/4	43,309	1/4	53,941	1/4	64,573	1/4	75,205	1/4	85,837	1/4	96,469
1/2	1,540	1/2	11,947	1/2	22,267	1/2	32,899	1/2	43,531	1/2	54,163	1/2	64,795	1/2	75,427	1/2	86,058	1/2	96,690
3/4	1,706	3/4	12,169	3/4	22,488	3/4	33,120	3/4	43,752	3/4	54,384	3/4	65,016	3/4	75,648	3/4	86,280	3/4	96,912
5	1,872	5	12,390	5	22,710	5	33,342	5	43,974	5	54,606	5	65,238	5	75,869	5	86,501	5	97,133
1/4	2,074	1/4	12,611	1/4	22,931	1/4	33,563	1/4	44,195	1/4	54,827	1/4	65,459	1/4	76,091	1/4	86,723	1/4	97,355
1/2	2,277	1/2	12,833	1/2	23,153	1/2	33,785	1/2	44,417	1/2	55,049	1/2	65,681	1/2	76,312	1/2	86,944	1/2	97,576
3/4	2,479	3/4	13,054	3/4	23,374	3/4	34,006	3/4	44,638	3/4	55,270	3/4	65,902	3/4	76,534	3/4	87,166	3/4	97,798
6	2,681	6	13,276	6	23,596	6	34,228	6	44,860	6	55,492	6	66,124	6	76,755	6	87,387	6	98,019
1/4	2,899	1/4	13,490	1/4	23,817	1/4	34,449	1/4	45,081	1/4	55,713	1/4	66,345	1/4	76,977	1/4	87,609	1/4	98,241
1/2	3,116	1/2	13,704	1/2	24,039	1/2	34,671	1/2	45,303	1/2	55,935	1/2	66,567	1/2	77,198	1/2	87,830	1/2	98,462
3/4	3,333	3/4	13,918	3/4	24,260	3/4	34,892	3/4	45,524	3/4	56,156	3/4	66,788	3/4	77,420	3/4	88,052	3/4	98,684
7	3,550	7	14,132	7	24,482	7	35,114	7	45,746	7	56,378	7	67,010	7	77,641	7	88,273	7	98,905
1/4	3,769	1/4	14,345	1/4	24,703	1/4	35,335	1/4	45,967	1/4	56,599	1/4	67,231	1/4	77,863	1/4	88,495	1/4	99,127
1/2	3,988	1/2	14,559	1/2	24,925	1/2	35,557	1/2	46,189	1/2	56,821	1/2	67,453	1/2	78,084	1/2	88,716	1/2	99,348
3/4	4,207	3/4	14,773	3/4	25,146	3/4	35,778	3/4	46,410	3/4	57,042	3/4	67,674	3/4	78,306	3/4	88,938	3/4	99,570
8	4,426	8	14,986	8	25,368	8	36,000	8	46,632	8	57,264	8	67,896	8	78,527	8	89,159	8	99,791
1/4	4,646	1/4	15,200	1/4	25,589	1/4	36,221	1/4	46,853	1/4	57,485	1/4	68,117	1/4	78,749	1/4	89,381	1/4	100,012
1/2	4,866	1/2	15,414	1/2	25,811	1/2	36,443	1/2	47,075	1/2	57,707	1/2	68,339	1/2	78,970	1/2	89,602	1/2	100,234
3/4	5,086	3/4	15,627	3/4	26,032	3/4	36,664	3/4	47,296	3/4	57,928	3/4	68,560	3/4	79,192	3/4	89,824	3/4	100,455
9	5,306	9	15,841	9	26,254	9	36,886	9	47,518	9	58,150	9	68,782	9	79,413	9	90,045	9	100,677
1/4	5,527	1/4	16,054	1/4	26,475	1/4	37,107	1/4	47,739	1/4	58,371	1/4	69,003	1/4	79,635	1/4	90,267	1/4	100,898
1/2	5,748	1/2	16,268	1/2	26,697	1/2	37,329	1/2	47,961	1/2	58,593	1/2	69,225	1/2	79,856	1/2	90,488	1/2	101,119
3/4	5,969	3/4	16,482	3/4	26,918	3/4	37,550	3/4	48,182	3/4	58,814	3/4	69,446	3/4	80,078	3/4	90,710	3/4	101,341
10	6,190	10	16,695	10	27,140	10	37,772	10	48,404	10	59,036	10	69,668	10	80,299	10	90,931	10	101,562
1/4	6,411	1/4	16,909	1/4	27,361	1/4	37,993	1/4	48,625	1/4	59,257	1/4	69,889	1/4	80,521	1/4	91,153	1/4	101,784
1/2	6,632	1/2	17,123	1/2	27,583	1/2	38,215	1/2	48,847	1/2	59,479	1/2	70,111	1/2	80,742	1/2	91,374	1/2	102,005
3/4	6,853	3/4	17,336	3/4	27,804	3/4	38,436	3/4	49,068	3/4	59,700	3/4	70,332	3/4	80,964	3/4	91,596	3/4	102,226
11	7,075	11	17,550	11	28,026	11	38,658	11	49,290	11	59,922	11	70,554	11	81,185	11	91,817	11	102,448
1/4	7,296	1/4	17,764	1/4	28,247	1/4	38,879	1/4	49,511	1/4	60,143	1/4	70,775	1/4	81,407	1/4	92,039	1/4	102,669
1/2	7,518	1/2	17,977	1/2	28,469	1/2	39,101	1/2	49,733	1/2	60,365	1/2	70,997	1/2	81,628	1/2	92,260	1/2	102,891
3/4	7,739	3/4	18,191	3/4	28,690	3/4	39,322	3/4	49,954	3/4	60,586	3/4	71,218	3/4	81,850	3/4	92,482	3/4	103,112

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 79"

1 CENTER 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	103,333	0	113,961	0	124,552	0	135,085	0	143,735	0		0		0		0		0	
1/4	103,555	1/4	114,182	1/4	124,772	1/4	135,304	1/4	143,751	1/4		1/4		1/4		1/4		1/4	
1/2	103,776	1/2	114,404	1/2	124,991	1/2	135,523	1/2	143,766	1/2		1/2		1/2		1/2		1/2	
3/4	103,998	3/4	114,625	3/4	125,211	3/4	135,742	3/4	143,781	3/4		3/4		3/4		3/4		3/4	
1	104,219	1	114,847	1	125,430	1	135,961	1	143,797	1	1	1		1		1		1	
1/4	104,440	1/4	115,068	1/4	125,650	1/4	136,181	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104,662	1/2	115,289	1/2	125,869	1/2	136,400	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104,883	3/4	115,511	3/4	126,089	3/4	136,620	3/4		3/4		3/4		3/4		3/4		3/4	
2	105,105	2	115,732	2	126,309	2	136,839	2		2	2	2		2		2		2	
1/4	105,326	1/4	115,954	1/4	126,528	1/4	137,059	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,547	1/2	116,175	1/2	126,748	1/2	137,279	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,769	3/4	116,396	3/4	126,967	3/4	137,498	3/4		3/4		3/4		3/4		3/4		3/4	
3	105,990	3	116,618	3	127,187	3	137,718	3		3	3	3		3		3		3	
1/4	106,212	1/4	116,839	1/4	127,407	1/4	137,936	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,433	1/2	117,061	1/2	127,626	1/2	138,155	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,655	3/4	117,282	3/4	127,846	3/4	138,373	3/4		3/4		3/4		3/4		3/4		3/4	
4	106,876	4	117,503	4	128,065	4	138,591	4		4	4	4		4		4		4	
1/4	107,097	1/4	117,725	1/4	128,285	1/4	138,810	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,319	1/2	117,946	1/2	128,504	1/2	139,028	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,540	3/4	118,168	3/4	128,724	3/4	139,247	3/4		3/4		3/4		3/4		3/4		3/4	
5	107,762	5	118,389	5	128,944	5	139,465	5		5	5	5		5		5		5	
1/4	107,983	1/4	118,610	1/4	129,163	1/4	139,684	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,204	1/2	118,832	1/2	129,383	1/2	139,902	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,426	3/4	119,053	3/4	129,602	3/4	140,120	3/4		3/4		3/4		3/4		3/4		3/4	
6	108,647	6	119,275	6	129,822	6	140,339	6		6	6	6		6		6		6	
1/4	108,869	1/4	119,496	1/4	130,042	1/4	140,557	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,090	1/2	119,718	1/2	130,261	1/2	140,776	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,311	3/4	119,939	3/4	130,481	3/4	140,994	3/4		3/4		3/4		3/4		3/4		3/4	
7	109,533	7	120,160	7	130,700	7	141,212	7		7	7	7		7		7		7	
1/4	109,754	1/4	120,380	1/4	130,920	1/4	141,412	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,976	1/2	120,599	1/2	131,139	1/2	141,612	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,197	3/4	120,819	3/4	131,359	3/4	141,812	3/4		3/4		3/4		3/4		3/4		3/4	
8	110,418	8	121,039	8	131,579	8	142,012	8		8	8	8		8		8		8	
1/4	110,640	1/4	121,258	1/4	131,798	1/4	142,175	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,861	1/2	121,478	1/2	132,018	1/2	142,338	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,083	3/4	121,697	3/4	132,237	3/4	142,501	3/4		3/4		3/4		3/4		3/4		3/4	
9	111,304	9	121,917	9	132,457	9	142,665	9		9	9	9		9		9		9	
1/4	111,525	1/4	122,137	1/4	132,676	1/4	142,791	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,747	1/2	122,356	1/2	132,895	1/2	142,917	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,968	3/4	122,576	3/4	133,114	3/4	143,043	3/4		3/4		3/4		3/4		3/4		3/4	
10	112,190	10	122,795	10	133,333	10	143,169	10		10	10	10		10		10		10	
1/4	112,411	1/4	123,015	1/4	133,552	1/4	143,258	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,632	1/2	123,234	1/2	133,771	1/2	143,348	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,854	3/4	123,454	3/4	133,990	3/4	143,437	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,075	11	123,674	11	134,209	11	143,526	11		11	11	11		11		11		11	
1/4	113,297	1/4	123,893	1/4	134,428	1/4	143,578	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,518	1/2	124,113	1/2	134,647	1/2	143,631	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,740	3/4	124,332	3/4	134,866	3/4	143,683	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 01/16/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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 79"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'- 11 7/8"

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	26	0	9,016	0	20,885	0	32,814	0	44,860	0	56,906	0	68,952	0	80,998	0	93,044	0	105,090
1/4	47	1/4	9,267	1/4	21,129	1/4	33,065	1/4	45,111	1/4	57,157	1/4	69,203	1/4	81,249	1/4	93,295	1/4	105,341
1/2	68	1/2	9,518	1/2	21,372	1/2	33,316	1/2	45,362	1/2	57,408	1/2	69,454	1/2	81,500	1/2	93,546	1/2	105,592
3/4	89	3/4	9,769	3/4	21,616	3/4	33,567	3/4	45,613	3/4	57,659	3/4	69,705	3/4	81,751	3/4	93,797	3/4	105,843
1	110	1	10,020	1	21,860	1	33,818	1	45,864	1	57,910	1	69,956	1	82,002	1	94,048	1	106,094
1/4	173	1/4	10,271	1/4	22,103	1/4	34,069	1/4	46,115	1/4	58,161	1/4	70,207	1/4	82,253	1/4	94,299	1/4	106,345
1/2	235	1/2	10,522	1/2	22,347	1/2	34,320	1/2	46,366	1/2	58,412	1/2	70,458	1/2	82,504	1/2	94,550	1/2	106,596
3/4	298	3/4	10,773	3/4	22,590	3/4	34,571	3/4	46,617	3/4	58,663	3/4	70,709	3/4	82,755	3/4	94,801	3/4	106,847
2	361	2	11,023	2	22,834	2	34,822	2	46,868	2	58,914	2	70,960	2	83,006	2	95,052	2	107,098
1/4	465	1/4	11,274	1/4	23,077	1/4	35,073	1/4	47,119	1/4	59,165	1/4	71,211	1/4	83,257	1/4	95,303	1/4	107,349
1/2	570	1/2	11,525	1/2	23,321	1/2	35,324	1/2	47,370	1/2	59,416	1/2	71,462	1/2	83,508	1/2	95,554	1/2	107,600
3/4	674	3/4	11,776	3/4	23,565	3/4	35,575	3/4	47,621	3/4	59,667	3/4	71,713	3/4	83,759	3/4	95,805	3/4	107,851
3	779	3	12,027	3	23,808	3	35,826	3	47,872	3	59,918	3	71,964	3	84,010	3	96,056	3	108,102
1/4	925	1/4	12,278	1/4	24,052	1/4	36,077	1/4	48,123	1/4	60,169	1/4	72,215	1/4	84,261	1/4	96,307	1/4	108,353
1/2	1,072	1/2	12,529	1/2	24,296	1/2	36,328	1/2	48,374	1/2	60,420	1/2	72,466	1/2	84,512	1/2	96,558	1/2	108,604
3/4	1,218	3/4	12,780	3/4	24,540	3/4	36,579	3/4	48,625	3/4	60,671	3/4	72,717	3/4	84,763	3/4	96,809	3/4	108,855
4	1,364	4	13,031	4	24,784	4	36,830	4	48,876	4	60,922	4	72,968	4	85,014	4	97,060	4	109,106
1/4	1,553	1/4	13,282	1/4	25,035	1/4	37,081	1/4	49,127	1/4	61,173	1/4	73,219	1/4	85,265	1/4	97,311	1/4	109,357
1/2	1,741	1/2	13,533	1/2	25,286	1/2	37,332	1/2	49,378	1/2	61,424	1/2	73,470	1/2	85,516	1/2	97,562	1/2	109,608
3/4	1,929	3/4	13,784	3/4	25,537	3/4	37,583	3/4	49,629	3/4	61,675	3/4	73,721	3/4	85,767	3/4	97,813	3/4	109,859
5	2,117	5	14,035	5	25,788	5	37,834	5	49,880	5	61,926	5	73,972	5	86,018	5	98,064	5	110,110
1/4	2,347	1/4	14,285	1/4	26,039	1/4	38,085	1/4	50,131	1/4	62,177	1/4	74,223	1/4	86,269	1/4	98,315	1/4	110,361
1/2	2,576	1/2	14,536	1/2	26,289	1/2	38,336	1/2	50,382	1/2	62,428	1/2	74,474	1/2	86,520	1/2	98,566	1/2	110,612
3/4	2,805	3/4	14,787	3/4	26,540	3/4	38,586	3/4	50,632	3/4	62,678	3/4	74,724	3/4	86,770	3/4	98,816	3/4	110,863
6	3,035	6	15,038	6	26,791	6	38,837	6	50,883	6	62,929	6	74,975	6	87,021	6	99,067	6	111,113
1/4	3,281	1/4	15,282	1/4	27,042	1/4	39,088	1/4	51,134	1/4	63,180	1/4	75,226	1/4	87,272	1/4	99,318	1/4	111,364
1/2	3,526	1/2	15,526	1/2	27,293	1/2	39,339	1/2	51,385	1/2	63,431	1/2	75,477	1/2	87,523	1/2	99,569	1/2	111,615
3/4	3,772	3/4	15,770	3/4	27,544	3/4	39,590	3/4	51,636	3/4	63,682	3/4	75,728	3/4	87,774	3/4	99,820	3/4	111,866
7	4,018	7	16,014	7	27,795	7	39,841	7	51,887	7	63,933	7	75,979	7	88,025	7	100,071	7	112,117
1/4	4,266	1/4	16,257	1/4	28,046	1/4	40,092	1/4	52,138	1/4	64,184	1/4	76,230	1/4	88,276	1/4	100,322	1/4	112,368
1/2	4,515	1/2	16,501	1/2	28,297	1/2	40,343	1/2	52,389	1/2	64,435	1/2	76,481	1/2	88,527	1/2	100,573	1/2	112,619
3/4	4,763	3/4	16,745	3/4	28,548	3/4	40,594	3/4	52,640	3/4	64,686	3/4	76,732	3/4	88,778	3/4	100,824	3/4	112,870
8	5,011	8	16,988	8	28,799	8	40,845	8	52,891	8	64,937	8	76,983	8	89,029	8	101,075	8	113,121
1/4	5,260	1/4	17,232	1/4	29,050	1/4	41,096	1/4	53,142	1/4	65,188	1/4	77,234	1/4	89,280	1/4	101,326	1/4	113,372
1/2	5,510	1/2	17,475	1/2	29,301	1/2	41,347	1/2	53,393	1/2	65,439	1/2	77,485	1/2	89,531	1/2	101,577	1/2	113,622
3/4	5,759	3/4	17,719	3/4	29,552	3/4	41,598	3/4	53,644	3/4	65,690	3/4	77,736	3/4	89,782	3/4	101,828	3/4	113,873
9	6,008	9	17,962	9	29,803	9	41,849	9	53,895	9	65,941	9	77,987	9	90,033	9	102,079	9	114,124
1/4	6,259	1/4	18,206	1/4	30,054	1/4	42,100	1/4	54,146	1/4	66,192	1/4	78,238	1/4	90,284	1/4	102,330	1/4	114,375
1/2	6,509	1/2	18,450	1/2	30,305	1/2	42,351	1/2	54,397	1/2	66,443	1/2	78,489	1/2	90,535	1/2	102,581	1/2	114,626
3/4	6,759	3/4	18,693	3/4	30,556	3/4	42,602	3/4	54,648	3/4	66,694	3/4	78,740	3/4	90,786	3/4	102,832	3/4	114,877
10	7,009	10	18,937	10	30,807	10	42,853	10	54,899	10	66,945	10	78,991	10	91,037	10	103,083	10	115,128
1/4	7,260	1/4	19,180	1/4	31,058	1/4	43,104	1/4	55,150	1/4	67,196	1/4	79,242	1/4	91,288	1/4	103,334	1/4	115,378
1/2	7,511	1/2	19,424	1/2	31,309	1/2	43,355	1/2	55,401	1/2	67,447	1/2	79,493	1/2	91,539	1/2	103,585	1/2	115,629
3/4	7,762	3/4	19,667	3/4	31,560	3/4	43,606	3/4	55,652	3/4	67,698	3/4	79,744	3/4	91,790	3/4	103,836	3/4	115,880
11	8,012	11	19,911	11	31,811	11	43,857	11	55,903	11	67,949	11	79,995	11	92,041	11	104,087	11	116,131
1/4	8,263	1/4	20,155	1/4	32,062	1/4	44,108	1/4	56,154	1/4	68,200	1/4	80,246	1/4	92,292	1/4	104,338	1/4	116,382
1/2	8,514	1/2	20,398	1/2	32,312	1/2	44,359	1/2	56,405	1/2	68,451	1/2	80,497	1/2	92,543	1/2	104,589	1/2	116,633
3/4	8,765	3/4	20,642	3/4	32,563	3/4	44,609	3/4	56,655	3/4	68,701	3/4	80,747	3/4	92,793	3/4	104,840	3/4	116,884

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

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 79"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'- 11 7/8"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,134	0	129,175	0	141,175	0	153,109	0	162,910	0		0		0		0		0	
1/4	117,385	1/4	129,426	1/4	141,424	1/4	153,357	1/4	162,927	1/4		1/4		1/4		1/4		1/4	
1/2	117,636	1/2	129,677	1/2	141,673	1/2	153,605	1/2	162,945	1/2		1/2		1/2		1/2		1/2	
3/4	117,887	3/4	129,928	3/4	141,922	3/4	153,854	3/4	162,962	3/4		3/4		3/4		3/4		3/4	
1	118,138	1	130,179	1	142,170	1	154,102	1	162,979	1		1		1		1		1	
1/4	118,389	1/4	130,430	1/4	142,419	1/4	154,350	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,640	1/2	130,681	1/2	142,668	1/2	154,599	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118,890	3/4	130,931	3/4	142,917	3/4	154,848	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,141	2	131,182	2	143,165	2	155,097	2		2		2		2		2		2	
1/4	119,392	1/4	131,433	1/4	143,414	1/4	155,346	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,643	1/2	131,684	1/2	143,663	1/2	155,594	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,894	3/4	131,935	3/4	143,912	3/4	155,843	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,145	3	132,186	3	144,161	3	156,092	3		3		3		3		3		3	
1/4	120,396	1/4	132,437	1/4	144,409	1/4	156,339	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,646	1/2	132,687	1/2	144,658	1/2	156,587	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,897	3/4	132,938	3/4	144,907	3/4	156,834	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,148	4	133,189	4	145,156	4	157,082	4		4		4		4		4		4	
1/4	121,399	1/4	133,440	1/4	145,405	1/4	157,329	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,650	1/2	133,691	1/2	145,653	1/2	157,577	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,901	3/4	133,942	3/4	145,902	3/4	157,824	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,152	5	134,193	5	146,151	5	158,072	5		5		5		5		5		5	
1/4	122,402	1/4	134,443	1/4	146,400	1/4	158,319	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,653	1/2	134,694	1/2	146,648	1/2	158,567	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,904	3/4	134,945	3/4	146,897	3/4	158,814	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,155	6	135,196	6	147,146	6	159,062	6		6		6		6		6		6	
1/4	123,406	1/4	135,447	1/4	147,395	1/4	159,309	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,657	1/2	135,698	1/2	147,644	1/2	159,557	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,907	3/4	135,949	3/4	147,892	3/4	159,804	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,158	7	136,199	7	148,141	7	160,052	7		7		7		7		7		7	
1/4	124,409	1/4	136,448	1/4	148,390	1/4	160,278	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,660	1/2	136,697	1/2	148,639	1/2	160,505	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,911	3/4	136,946	3/4	148,888	3/4	160,731	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,162	8	137,195	8	149,136	8	160,958	8		8		8		8		8		8	
1/4	125,413	1/4	137,443	1/4	149,385	1/4	161,143	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,663	1/2	137,692	1/2	149,634	1/2	161,327	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,914	3/4	137,941	3/4	149,883	3/4	161,512	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,165	9	138,190	9	150,132	9	161,697	9		9		9		9		9		9	
1/4	126,416	1/4	138,438	1/4	150,380	1/4	161,840	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,667	1/2	138,687	1/2	150,628	1/2	161,983	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,918	3/4	138,936	3/4	150,876	3/4	162,125	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,169	10	139,185	10	151,124	10	162,268	10		10		10		10		10		10	
1/4	127,419	1/4	139,434	1/4	151,372	1/4	162,369	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,670	1/2	139,682	1/2	151,620	1/2	162,471	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,921	3/4	139,931	3/4	151,868	3/4	162,572	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,172	11	140,180	11	152,117	11	162,673	11		11		11		11		11		11	
1/4	128,423	1/4	140,429	1/4	152,365	1/4	162,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,674	1/2	140,678	1/2	152,613	1/2	162,791	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,925	3/4	140,926	3/4	152,861	3/4	162,851	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 01/16/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 79"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	26	0	8,064	0	18,815	0	29,574	0	40,344	0	51,114	0	61,884	0	72,654	0	83,425	0	94,195
1/4	45	1/4	8,288	1/4	19,039	1/4	29,798	1/4	40,568	1/4	51,338	1/4	62,109	1/4	72,879	1/4	83,649	1/4	94,419
1/2	64	1/2	8,512	1/2	19,262	1/2	30,022	1/2	40,793	1/2	51,563	1/2	62,333	1/2	73,103	1/2	83,873	1/2	94,643
3/4	82	3/4	8,737	3/4	19,486	3/4	30,247	3/4	41,017	3/4	51,787	3/4	62,557	3/4	73,327	3/4	84,098	3/4	94,868
1	101	1	8,961	1	19,709	1	30,471	1	41,241	1	52,011	1	62,782	1	73,552	1	84,322	1	95,092
1/4	157	1/4	9,185	1/4	19,933	1/4	30,696	1/4	41,466	1/4	52,236	1/4	63,006	1/4	73,776	1/4	84,546	1/4	95,317
1/2	213	1/2	9,410	1/2	20,156	1/2	30,920	1/2	41,690	1/2	52,460	1/2	63,230	1/2	74,001	1/2	84,771	1/2	95,541
3/4	269	3/4	9,634	3/4	20,380	3/4	31,144	3/4	41,914	3/4	52,685	3/4	63,455	3/4	74,225	3/4	84,995	3/4	95,765
2	325	2	9,859	2	20,604	2	31,369	2	42,139	2	52,909	2	63,679	2	74,449	2	85,220	2	95,990
1/4	419	1/4	10,083	1/4	20,827	1/4	31,593	1/4	42,363	1/4	53,133	1/4	63,904	1/4	74,674	1/4	85,444	1/4	96,214
1/2	512	1/2	10,307	1/2	21,051	1/2	31,817	1/2	42,588	1/2	53,358	1/2	64,128	1/2	74,898	1/2	85,668	1/2	96,438
3/4	606	3/4	10,532	3/4	21,274	3/4	32,042	3/4	42,812	3/4	53,582	3/4	64,352	3/4	75,122	3/4	85,893	3/4	96,663
3	699	3	10,756	3	21,498	3	32,266	3	43,036	3	53,807	3	64,577	3	75,347	3	86,117	3	96,887
1/4	830	1/4	10,980	1/4	21,722	1/4	32,491	1/4	43,261	1/4	54,031	1/4	64,801	1/4	75,571	1/4	86,341	1/4	97,112
1/2	961	1/2	11,205	1/2	21,946	1/2	32,715	1/2	43,485	1/2	54,255	1/2	65,025	1/2	75,796	1/2	86,566	1/2	97,336
3/4	1,092	3/4	11,429	3/4	22,170	3/4	32,939	3/4	43,709	3/4	54,480	3/4	65,250	3/4	76,020	3/4	86,790	3/4	97,560
4	1,223	4	11,653	4	22,394	4	33,164	4	43,934	4	54,704	4	65,474	4	76,244	4	87,015	4	97,785
1/4	1,391	1/4	11,878	1/4	22,618	1/4	33,388	1/4	44,158	1/4	54,928	1/4	65,699	1/4	76,469	1/4	87,239	1/4	98,009
1/2	1,559	1/2	12,102	1/2	22,842	1/2	33,612	1/2	44,383	1/2	55,153	1/2	65,923	1/2	76,693	1/2	87,463	1/2	98,234
3/4	1,727	3/4	12,326	3/4	23,067	3/4	33,837	3/4	44,607	3/4	55,377	3/4	66,147	3/4	76,918	3/4	87,688	3/4	98,458
5	1,896	5	12,551	5	23,291	5	34,061	5	44,831	5	55,602	5	66,372	5	77,142	5	87,912	5	98,682
1/4	2,101	1/4	12,775	1/4	23,515	1/4	34,286	1/4	45,056	1/4	55,826	1/4	66,596	1/4	77,366	1/4	88,136	1/4	98,907
1/2	2,306	1/2	12,999	1/2	23,740	1/2	34,510	1/2	45,280	1/2	56,050	1/2	66,820	1/2	77,591	1/2	88,361	1/2	99,131
3/4	2,511	3/4	13,224	3/4	23,964	3/4	34,734	3/4	45,505	3/4	56,275	3/4	67,045	3/4	77,815	3/4	88,585	3/4	99,355
6	2,716	6	13,448	6	24,189	6	34,959	6	45,729	6	56,499	6	67,269	6	78,039	6	88,810	6	99,580
1/4	2,936	1/4	13,672	1/4	24,413	1/4	35,183	1/4	45,953	1/4	56,723	1/4	67,494	1/4	78,264	1/4	89,034	1/4	99,804
1/2	3,156	1/2	13,896	1/2	24,637	1/2	35,407	1/2	46,178	1/2	56,948	1/2	67,718	1/2	78,488	1/2	89,258	1/2	100,029
3/4	3,376	3/4	14,120	3/4	24,862	3/4	35,632	3/4	46,402	3/4	57,172	3/4	67,942	3/4	78,713	3/4	89,483	3/4	100,253
7	3,595	7	14,344	7	25,086	7	35,856	7	46,626	7	57,397	7	68,167	7	78,937	7	89,707	7	100,477
1/4	3,817	1/4	14,567	1/4	25,310	1/4	36,081	1/4	46,851	1/4	57,621	1/4	68,391	1/4	79,161	1/4	89,931	1/4	100,702
1/2	4,039	1/2	14,791	1/2	25,535	1/2	36,305	1/2	47,075	1/2	57,845	1/2	68,616	1/2	79,386	1/2	90,156	1/2	100,926
3/4	4,261	3/4	15,014	3/4	25,759	3/4	36,529	3/4	47,300	3/4	58,070	3/4	68,840	3/4	79,610	3/4	90,380	3/4	101,150
8	4,483	8	15,238	8	25,984	8	36,754	8	47,524	8	58,294	8	69,064	8	79,834	8	90,605	8	101,375
1/4	4,706	1/4	15,461	1/4	26,208	1/4	36,978	1/4	47,748	1/4	58,518	1/4	69,289	1/4	80,059	1/4	90,829	1/4	101,599
1/2	4,929	1/2	15,685	1/2	26,432	1/2	37,202	1/2	47,973	1/2	58,743	1/2	69,513	1/2	80,283	1/2	91,053	1/2	101,824
3/4	5,152	3/4	15,909	3/4	26,657	3/4	37,427	3/4	48,197	3/4	58,967	3/4	69,737	3/4	80,508	3/4	91,278	3/4	102,048
9	5,375	9	16,132	9	26,881	9	37,651	9	48,421	9	59,192	9	69,962	9	80,732	9	91,502	9	102,272
1/4	5,599	1/4	16,356	1/4	27,105	1/4	37,876	1/4	48,646	1/4	59,416	1/4	70,186	1/4	80,956	1/4	91,727	1/4	102,497
1/2	5,822	1/2	16,579	1/2	27,330	1/2	38,100	1/2	48,870	1/2	59,640	1/2	70,411	1/2	81,181	1/2	91,951	1/2	102,721
3/4	6,046	3/4	16,803	3/4	27,554	3/4	38,324	3/4	49,095	3/4	59,865	3/4	70,635	3/4	81,405	3/4	92,175	3/4	102,945
10	6,270	10	17,026	10	27,779	10	38,549	10	49,319	10	60,089	10	70,859	10	81,629	10	92,400	10	103,170
1/4	6,494	1/4	17,250	1/4	28,003	1/4	38,773	1/4	49,543	1/4	60,314	1/4	71,084	1/4	81,854	1/4	92,624	1/4	103,394
1/2	6,718	1/2	17,474	1/2	28,227	1/2	38,998	1/2	49,768	1/2	60,538	1/2	71,308	1/2	82,078	1/2	92,848	1/2	103,619
3/4	6,942	3/4	17,697	3/4	28,452	3/4	39,222	3/4	49,992	3/4	60,762	3/4	71,532	3/4	82,303	3/4	93,073	3/4	103,843
11	7,166	11	17,921	11	28,676	11	39,446	11	50,216	11	60,987	11	71,757	11	82,527	11	93,297	11	104,067
1/4	7,391	1/4	18,144	1/4	28,900	1/4	39,671	1/4	50,441	1/4	61,211	1/4	71,981	1/4	82,751	1/4	93,522	1/4	104,292
1/2	7,615	1/2	18,368	1/2	29,125	1/2	39,895	1/2	50,665	1/2	61,435	1/2	72,206	1/2	82,976	1/2	93,746	1/2	104,516
3/4	7,839	3/4	18,591	3/4	29,349	3/4	40,119	3/4	50,890	3/4	61,660	3/4	72,430	3/4	83,200	3/4	93,970	3/4	104,740

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 28'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 79"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,965	0	115,735	0	126,467	0	137,139	0	145,903	0		0		0		0		0	
1/4	105,189	1/4	115,959	1/4	126,689	1/4	137,361	1/4	145,919	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,413	1/2	116,183	1/2	126,912	1/2	137,582	1/2	145,935	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,638	3/4	116,408	3/4	127,134	3/4	137,804	3/4	145,950	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,862	1	116,632	1	127,357	1	138,026	1	145,966	1		1		1		1		1	
1/4	106,087	1/4	116,856	1/4	127,579	1/4	138,249	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,311	1/2	117,081	1/2	127,802	1/2	138,471	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,535	3/4	117,305	3/4	128,024	3/4	138,694	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,760	2	117,530	2	128,246	2	138,916	2		2		2		2		2		2	
1/4	106,984	1/4	117,754	1/4	128,469	1/4	139,139	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,208	1/2	117,978	1/2	128,691	1/2	139,361	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,433	3/4	118,203	3/4	128,914	3/4	139,584	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	107,657	3	118,427	3	129,136	3	139,806	3		3		3		3		3		3	
1/4	107,882	1/4	118,651	1/4	129,359	1/4	140,027	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,106	1/2	118,876	1/2	129,581	1/2	140,249	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,330	3/4	119,100	3/4	129,804	3/4	140,470	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	108,555	4	119,325	4	130,026	4	140,691	4		4		4		4		4		4	
1/4	108,779	1/4	119,549	1/4	130,249	1/4	140,913	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,003	1/2	119,773	1/2	130,471	1/2	141,134	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,228	3/4	119,998	3/4	130,694	3/4	141,355	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	109,452	5	120,222	5	130,916	5	141,577	5		5		5		5		5		5	
1/4	109,677	1/4	120,446	1/4	131,139	1/4	141,798	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,901	1/2	120,671	1/2	131,361	1/2	142,019	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,125	3/4	120,895	3/4	131,584	3/4	142,241	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	110,350	6	121,120	6	131,806	6	142,462	6		6		6		6		6		6	
1/4	110,574	1/4	121,344	1/4	132,029	1/4	142,683	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,798	1/2	121,568	1/2	132,251	1/2	142,904	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,023	3/4	121,793	3/4	132,474	3/4	143,126	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	111,247	7	122,017	7	132,696	7	143,347	7		7		7		7		7		7	
1/4	111,472	1/4	122,240	1/4	132,919	1/4	143,550	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,696	1/2	122,462	1/2	133,141	1/2	143,752	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,920	3/4	122,684	3/4	133,364	3/4	143,955	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	112,145	8	122,907	8	133,586	8	144,158	8		8		8		8		8		8	
1/4	112,369	1/4	123,129	1/4	133,809	1/4	144,323	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,593	1/2	123,352	1/2	134,031	1/2	144,488	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,818	3/4	123,574	3/4	134,253	3/4	144,653	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	113,042	9	123,797	9	134,476	9	144,818	9		9		9		9		9		9	
1/4	113,267	1/4	124,019	1/4	134,698	1/4	144,946	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,491	1/2	124,242	1/2	134,920	1/2	145,074	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,715	3/4	124,464	3/4	135,142	3/4	145,202	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,940	10	124,687	10	135,364	10	145,330	10		10		10		10		10		10	
1/4	114,164	1/4	124,909	1/4	135,585	1/4	145,420	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,388	1/2	125,132	1/2	135,807	1/2	145,510	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,613	3/4	125,354	3/4	136,029	3/4	145,601	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,837	11	125,577	11	136,251	11	145,691	11		11		11		11		11		11	
1/4	115,061	1/4	125,799	1/4	136,473	1/4	145,744	1/4		1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	115,286	1/2	126,022	1/2	136,695	1/2	145,797	1/2		1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	115,510	3/4	126,244	3/4	136,917	3/4	145,850	3/4		3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 79"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 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	00-1/2	- 00-1/2	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 1 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 159'-03"

January 17, 2008

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 79"

1 CENTER 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	143,631	0	134,647	0	124,113	0	113,518	0	102,891	0	92,260	0	81,628	0	70,997	0	60,365
1/4		1/4	143,578	1/4	134,428	1/4	123,893	1/4	113,297	1/4	102,669	1/4	92,039	1/4	81,407	1/4	70,775	1/4	60,143
1/2		1/2	143,526	1/2	134,209	1/2	123,674	1/2	113,075	1/2	102,448	1/2	91,817	1/2	81,185	1/2	70,554	1/2	59,922
3/4		3/4	143,437	3/4	133,990	3/4	123,454	3/4	112,854	3/4	102,226	3/4	91,596	3/4	80,964	3/4	70,332	3/4	59,700
1		1	143,348	1	133,771	1	123,234	1	112,632	1	102,005	1	91,374	1	80,742	1	70,111	1	59,479
1/4		1/4	143,258	1/4	133,552	1/4	123,015	1/4	112,411	1/4	101,784	1/4	91,153	1/4	80,521	1/4	69,889	1/4	59,257
1/2		1/2	143,169	1/2	133,333	1/2	122,795	1/2	112,190	1/2	101,562	1/2	90,931	1/2	80,299	1/2	69,668	1/2	59,036
3/4		3/4	143,043	3/4	133,114	3/4	122,576	3/4	111,968	3/4	101,341	3/4	90,710	3/4	80,078	3/4	69,446	3/4	58,814
2		2	142,917	2	132,895	2	122,356	2	111,747	2	101,119	2	90,488	2	79,856	2	69,225	2	58,593
1/4		1/4	142,791	1/4	132,676	1/4	122,137	1/4	111,525	1/4	100,898	1/4	90,267	1/4	79,635	1/4	69,003	1/4	58,371
1/2		1/2	142,665	1/2	132,457	1/2	121,917	1/2	111,304	1/2	100,677	1/2	90,045	1/2	79,413	1/2	68,782	1/2	58,150
3/4		3/4	142,501	3/4	132,237	3/4	121,697	3/4	111,083	3/4	100,455	3/4	89,824	3/4	79,192	3/4	68,560	3/4	57,928
3		3	142,338	3	132,018	3	121,478	3	110,861	3	100,234	3	89,602	3	78,970	3	68,339	3	57,707
1/4		1/4	142,175	1/4	131,798	1/4	121,258	1/4	110,640	1/4	100,012	1/4	89,381	1/4	78,749	1/4	68,117	1/4	57,485
1/2		1/2	142,012	1/2	131,579	1/2	121,039	1/2	110,418	1/2	99,791	1/2	89,159	1/2	78,527	1/2	67,896	1/2	57,264
3/4		3/4	141,812	3/4	131,359	3/4	120,819	3/4	110,197	3/4	99,570	3/4	88,938	3/4	78,306	3/4	67,674	3/4	57,042
4		4	141,612	4	131,139	4	120,599	4	109,976	4	99,348	4	88,716	4	78,084	4	67,453	4	56,821
1/4		1/4	141,412	1/4	130,920	1/4	120,380	1/4	109,754	1/4	99,127	1/4	88,495	1/4	77,863	1/4	67,231	1/4	56,599
1/2		1/2	141,212	1/2	130,700	1/2	120,160	1/2	109,533	1/2	98,905	1/2	88,273	1/2	77,641	1/2	67,010	1/2	56,378
3/4		3/4	140,994	3/4	130,481	3/4	119,939	3/4	109,311	3/4	98,684	3/4	88,052	3/4	77,420	3/4	66,788	3/4	56,156
5		5	140,776	5	130,261	5	119,718	5	109,090	5	98,462	5	87,830	5	77,198	5	66,567	5	55,935
1/4		1/4	140,557	1/4	130,042	1/4	119,496	1/4	108,869	1/4	98,241	1/4	87,609	1/4	76,977	1/4	66,345	1/4	55,713
1/2		1/2	140,339	1/2	129,822	1/2	119,275	1/2	108,647	1/2	98,019	1/2	87,387	1/2	76,755	1/2	66,124	1/2	55,492
3/4		3/4	140,120	3/4	129,602	3/4	119,053	3/4	108,426	3/4	97,798	3/4	87,166	3/4	76,534	3/4	65,902	3/4	55,270
6		6	139,902	6	129,383	6	118,832	6	108,204	6	97,576	6	86,944	6	76,312	6	65,681	6	55,049
1/4		1/4	139,684	1/4	129,163	1/4	118,610	1/4	107,983	1/4	97,355	1/4	86,723	1/4	76,091	1/4	65,459	1/4	54,827
1/2		1/2	139,465	1/2	128,944	1/2	118,389	1/2	107,762	1/2	97,133	1/2	86,501	1/2	75,869	1/2	65,238	1/2	54,606
3/4		3/4	139,247	3/4	128,724	3/4	118,168	3/4	107,540	3/4	96,912	3/4	86,280	3/4	75,648	3/4	65,016	3/4	54,384
7		7	139,028	7	128,504	7	117,946	7	107,319	7	96,690	7	86,058	7	75,427	7	64,795	7	54,163
1/4		1/4	138,810	1/4	128,285	1/4	117,725	1/4	107,097	1/4	96,469	1/4	85,837	1/4	75,205	1/4	64,573	1/4	53,941
1/2		1/2	138,591	1/2	128,065	1/2	117,503	1/2	106,876	1/2	96,247	1/2	85,615	1/2	74,984	1/2	64,352	1/2	53,720
3/4		3/4	138,373	3/4	127,846	3/4	117,282	3/4	106,655	3/4	96,026	3/4	85,394	3/4	74,762	3/4	64,130	3/4	53,498
8		8	138,155	8	127,626	8	117,061	8	106,433	8	95,804	8	85,172	8	74,541	8	63,909	8	53,277
1/4		1/4	137,936	1/4	127,407	1/4	116,839	1/4	106,212	1/4	95,583	1/4	84,951	1/4	74,319	1/4	63,687	1/4	53,055
1/2		1/2	137,718	1/2	127,187	1/2	116,618	1/2	105,990	1/2	95,361	1/2	84,729	1/2	74,098	1/2	63,466	1/2	52,834
3/4		3/4	137,498	3/4	126,967	3/4	116,396	3/4	105,769	3/4	95,140	3/4	84,508	3/4	73,876	3/4	63,244	3/4	52,612
9		9	137,279	9	126,748	9	116,175	9	105,547	9	94,918	9	84,286	9	73,655	9	63,023	9	52,391
1/4		1/4	137,059	1/4	126,528	1/4	115,954	1/4	105,326	1/4	94,697	1/4	84,065	1/4	73,433	1/4	62,801	1/4	52,169
1/2		1/2	136,839	1/2	126,309	1/2	115,732	1/2	105,105	1/2	94,475	1/2	83,843	1/2	73,212	1/2	62,580	1/2	51,948
3/4		3/4	136,620	3/4	126,089	3/4	115,511	3/4	104,883	3/4	94,254	3/4	83,622	3/4	72,990	3/4	62,358	3/4	51,726
10		10	136,400	10	125,869	10	115,289	10	104,662	10	94,032	10	83,400	10	72,769	10	62,137	10	51,505
1/4		1/4	136,181	1/4	125,650	1/4	115,068	1/4	104,440	1/4	93,811	1/4	83,179	1/4	72,547	1/4	61,915	1/4	51,283
1/2		1/2	143,797	1/2	135,961	1/2	125,430	1/2	114,847	1/2	104,219	1/2	82,957	1/2	72,326	1/2	61,694	1/2	51,062
3/4		3/4	143,781	3/4	135,742	3/4	125,211	3/4	114,625	3/4	103,998	3/4	82,736	3/4	72,104	3/4	61,472	3/4	50,840
11		11	143,766	11	135,523	11	124,991	11	114,404	11	103,776	11	82,514	11	71,883	11	61,251	11	50,619
1/4		1/4	143,751	1/4	135,304	1/4	124,772	1/4	114,182	1/4	103,555	1/4	82,293	1/4	71,661	1/4	61,029	1/4	50,397
1/2		1/2	143,735	1/2	135,085	1/2	124,552	1/2	113,961	1/2	103,333	1/2	82,071	1/2	71,440	1/2	60,808	1/2	50,176
3/4		3/4	143,683	3/4	134,866	3/4	124,332	3/4	113,740	3/4	103,112	3/4	81,850	3/4	71,218	3/4	60,586	3/4	49,954

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 INNAUGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 79"

1 CENTER 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	49,733	0	39,101	0	28,469	0	17,977	0	7,518	0		0		0		0		0	
1/4	49,511	1/4	38,879	1/4	28,247	1/4	17,764	1/4	7,296	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	49,290	1/2	38,658	1/2	28,026	1/2	17,550	1/2	7,075	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	49,068	3/4	38,436	3/4	27,804	3/4	17,336	3/4	6,853	3/4		3/4	3/4	3/4		3/4		3/4	
1	48,847	1	38,215	1	27,583	1	17,123	1	6,632	1		1		1		1		1	
1/4	48,625	1/4	37,993	1/4	27,361	1/4	16,909	1/4	6,411	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	48,404	1/2	37,772	1/2	27,140	1/2	16,695	1/2	6,190	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	48,182	3/4	37,550	3/4	26,918	3/4	16,482	3/4	5,969	3/4		3/4	3/4	3/4		3/4		3/4	
2	47,961	2	37,329	2	26,697	2	16,268	2	5,748	2		2		2		2		2	
1/4	47,739	1/4	37,107	1/4	26,475	1/4	16,054	1/4	5,527	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	47,518	1/2	36,886	1/2	26,254	1/2	15,841	1/2	5,306	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	47,296	3/4	36,664	3/4	26,032	3/4	15,627	3/4	5,086	3/4		3/4	3/4	3/4		3/4		3/4	
3	47,075	3	36,443	3	25,811	3	15,414	3	4,866	3		3		3		3		3	
1/4	46,853	1/4	36,221	1/4	25,589	1/4	15,200	1/4	4,646	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	46,632	1/2	36,000	1/2	25,368	1/2	14,986	1/2	4,426	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	46,410	3/4	35,778	3/4	25,146	3/4	14,773	3/4	4,207	3/4		3/4	3/4	3/4		3/4		3/4	
4	46,189	4	35,557	4	24,925	4	14,559	4	3,988	4		4		4		4		4	
1/4	45,967	1/4	35,335	1/4	24,703	1/4	14,345	1/4	3,769	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	45,746	1/2	35,114	1/2	24,482	1/2	14,132	1/2	3,550	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	45,524	3/4	34,892	3/4	24,260	3/4	13,918	3/4	3,333	3/4		3/4	3/4	3/4		3/4		3/4	
5	45,303	5	34,671	5	24,039	5	13,704	5	3,116	5		5		5		5		5	
1/4	45,081	1/4	34,449	1/4	23,817	1/4	13,490	1/4	2,899	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	44,860	1/2	34,228	1/2	23,596	1/2	13,276	1/2	2,681	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	44,638	3/4	34,006	3/4	23,374	3/4	13,054	3/4	2,479	3/4		3/4	3/4	3/4		3/4		3/4	
6	44,417	6	33,785	6	23,153	6	12,833	6	2,277	6		6		6		6		6	
1/4	44,195	1/4	33,563	1/4	22,931	1/4	12,611	1/4	2,074	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	43,974	1/2	33,342	1/2	22,710	1/2	12,390	1/2	1,872	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	43,752	3/4	33,120	3/4	22,488	3/4	12,169	3/4	1,706	3/4		3/4	3/4	3/4		3/4		3/4	
7	43,531	7	32,899	7	22,267	7	11,947	7	1,540	7		7		7		7		7	
1/4	43,309	1/4	32,677	1/4	22,045	1/4	11,726	1/4	1,373	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	43,088	1/2	32,456	1/2	21,824	1/2	11,504	1/2	1,207	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	42,866	3/4	32,234	3/4	21,610	3/4	11,283	3/4	1,078	3/4		3/4	3/4	3/4		3/4		3/4	
8	42,645	8	32,013	8	21,396	8	11,061	8	949	8		8		8		8		8	
1/4	42,423	1/4	31,791	1/4	21,182	1/4	10,840	1/4	820	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	42,202	1/2	31,570	1/2	20,968	1/2	10,618	1/2	691	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	41,980	3/4	31,348	3/4	20,754	3/4	10,397	3/4	598	3/4		3/4	3/4	3/4		3/4		3/4	
9	41,759	9	31,127	9	20,541	9	10,175	9	506	9		9		9		9		9	
1/4	41,537	1/4	30,905	1/4	20,327	1/4	9,954	1/4	414	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	41,316	1/2	30,684	1/2	20,114	1/2	9,732	1/2	321	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	41,094	3/4	30,462	3/4	19,900	3/4	9,511	3/4	266	3/4		3/4	3/4	3/4		3/4		3/4	
10	40,873	10	30,241	10	19,686	10	9,289	10	211	10		10		10		10		10	
1/4	40,651	1/4	30,019	1/4	19,473	1/4	9,068	1/4	155	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	40,430	1/2	29,798	1/2	19,259	1/2	8,847	1/2	100	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	40,208	3/4	29,576	3/4	19,045	3/4	8,625	3/4	82	3/4		3/4	3/4	3/4		3/4		3/4	
11	39,987	11	29,355	11	18,832	11	8,404	11	63	11		11		11		11		11	
1/4	39,765	1/4	29,133	1/4	18,618	1/4	8,182	1/4	45	1/4		1/4	1/4	1/4		1/4		1/4	
1/2	39,544	1/2	28,912	1/2	18,404	1/2	7,961	1/2	26	1/2		1/2	1/2	1/2		1/2		1/2	
3/4	39,322	3/4	28,690	3/4	18,191	3/4	7,739	3/4		3/4		3/4	3/4	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 79"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

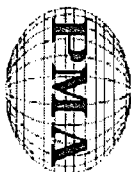
GAUGE HEIGHT 14'-11 7/8"

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	162,880	0	152,985	0	141,051	0	129,050	0	117,009	0	104,965	0	92,919	0	80,873	0	68,827
1/4		1/4	162,821	1/4	152,737	1/4	140,802	1/4	128,799	1/4	116,758	1/4	104,714	1/4	92,668	1/4	80,622	1/4	68,576
1/2		1/2	162,762	1/2	152,489	1/2	140,553	1/2	128,548	1/2	116,507	1/2	104,463	1/2	92,417	1/2	80,371	1/2	68,325
3/4		3/4	162,702	3/4	152,241	3/4	140,304	3/4	128,297	3/4	116,256	3/4	104,212	3/4	92,166	3/4	80,120	3/4	68,074
1		1	162,622	1	151,993	1	140,056	1	128,047	1	116,006	1	103,961	1	91,915	1	79,869	1	67,823
1/4		1/4	162,521	1/4	151,744	1/4	139,807	1/4	127,796	1/4	115,755	1/4	103,710	1/4	91,664	1/4	79,618	1/4	67,572
1/2		1/2	162,420	1/2	151,496	1/2	139,558	1/2	127,545	1/2	115,504	1/2	103,459	1/2	91,413	1/2	79,367	1/2	67,321
3/4		3/4	162,319	3/4	151,248	3/4	139,309	3/4	127,294	3/4	115,253	3/4	103,208	3/4	91,162	3/4	79,116	3/4	67,070
2		2	162,197	2	151,000	2	139,060	2	127,043	2	115,002	2	102,957	2	90,911	2	78,865	2	66,819
1/4		1/4	162,054	1/4	150,752	1/4	138,812	1/4	126,792	1/4	114,751	1/4	102,706	1/4	90,660	1/4	78,614	1/4	66,568
1/2		1/2	161,911	1/2	150,504	1/2	138,563	1/2	126,541	1/2	114,500	1/2	102,455	1/2	90,409	1/2	78,363	1/2	66,317
3/4		3/4	161,768	3/4	150,256	3/4	138,314	3/4	126,291	3/4	114,250	3/4	102,204	3/4	90,158	3/4	78,112	3/4	66,066
3		3	161,604	3	150,007	3	138,065	3	126,040	3	113,999	3	101,953	3	89,907	3	77,861	3	65,815
1/4		1/4	161,420	1/4	149,758	1/4	137,816	1/4	125,789	1/4	113,748	1/4	101,703	1/4	89,657	1/4	77,611	1/4	65,564
1/2		1/2	161,235	1/2	149,510	1/2	137,568	1/2	125,538	1/2	113,497	1/2	101,452	1/2	89,406	1/2	77,360	1/2	65,314
3/4		3/4	161,050	3/4	149,261	3/4	137,319	3/4	125,287	3/4	113,246	3/4	101,201	3/4	89,155	3/4	77,109	3/4	65,063
4		4	160,845	4	149,012	4	137,070	4	125,036	4	112,995	4	100,950	4	88,904	4	76,858	4	64,812
1/4		1/4	160,618	1/4	148,763	1/4	136,821	1/4	124,785	1/4	112,744	1/4	100,699	1/4	88,653	1/4	76,607	1/4	64,561
1/2		1/2	160,391	1/2	148,514	1/2	136,573	1/2	124,535	1/2	112,494	1/2	100,448	1/2	88,402	1/2	76,356	1/2	64,310
3/4		3/4	160,165	3/4	148,266	3/4	136,324	3/4	124,284	3/4	112,243	3/4	100,197	3/4	88,151	3/4	76,105	3/4	64,059
5		5	159,928	5	148,017	5	136,074	5	124,033	5	111,992	5	99,946	5	87,900	5	75,854	5	63,808
1/4		1/4	159,680	1/4	147,768	1/4	135,823	1/4	123,782	1/4	111,741	1/4	99,695	1/4	87,649	1/4	75,603	1/4	63,557
1/2		1/2	159,433	1/2	147,519	1/2	135,572	1/2	123,531	1/2	111,490	1/2	99,444	1/2	87,398	1/2	75,352	1/2	63,306
3/4		3/4	159,185	3/4	147,270	3/4	135,321	3/4	123,280	3/4	111,239	3/4	99,193	3/4	87,147	3/4	75,101	3/4	63,055
6		6	158,938	6	147,022	6	135,071	6	123,029	6	110,988	6	98,942	6	86,896	6	74,850	6	62,804
1/4		1/4	158,690	1/4	146,773	1/4	134,820	1/4	122,779	1/4	110,737	1/4	98,691	1/4	86,645	1/4	74,599	1/4	62,553
1/2		1/2	158,443	1/2	146,524	1/2	134,569	1/2	122,528	1/2	110,486	1/2	98,440	1/2	86,394	1/2	74,348	1/2	62,302
3/4		3/4	158,195	3/4	146,275	3/4	134,318	3/4	122,277	3/4	110,235	3/4	98,189	3/4	86,143	3/4	74,097	3/4	62,051
7		7	157,948	7	146,027	7	134,067	7	122,026	7	109,984	7	97,938	7	85,892	7	73,846	7	61,800
1/4		1/4	157,701	1/4	145,778	1/4	133,816	1/4	121,775	1/4	109,733	1/4	97,687	1/4	85,641	1/4	73,595	1/4	61,549
1/2		1/2	157,453	1/2	145,529	1/2	133,565	1/2	121,524	1/2	109,482	1/2	97,436	1/2	85,390	1/2	73,344	1/2	61,298
3/4		3/4	157,206	3/4	145,280	3/4	133,315	3/4	121,274	3/4	109,231	3/4	97,185	3/4	85,139	3/4	73,093	3/4	61,047
8		8	156,958	8	145,031	8	133,064	8	121,023	8	108,980	8	96,934	8	84,888	8	72,842	8	60,796
1/4		1/4	156,711	1/4	144,783	1/4	132,813	1/4	120,772	1/4	108,729	1/4	96,683	1/4	84,637	1/4	72,591	1/4	60,545
1/2		1/2	156,463	1/2	144,534	1/2	132,562	1/2	120,521	1/2	108,478	1/2	96,432	1/2	84,386	1/2	72,340	1/2	60,294
3/4		3/4	156,216	3/4	144,285	3/4	132,311	3/4	120,270	3/4	108,227	3/4	96,181	3/4	84,135	3/4	72,089	3/4	60,043
9		9	155,968	9	144,036	9	132,060	9	120,019	9	107,976	9	95,930	9	83,884	9	71,838	9	59,792
1/4		1/4	155,719	1/4	143,787	1/4	131,809	1/4	119,768	1/4	107,726	1/4	95,680	1/4	83,634	1/4	71,588	1/4	59,541
1/2		1/2	155,470	1/2	143,539	1/2	131,559	1/2	119,518	1/2	107,475	1/2	95,429	1/2	83,383	1/2	71,337	1/2	59,291
3/4		3/4	155,221	3/4	143,290	3/4	131,308	3/4	119,267	3/4	107,224	3/4	95,178	3/4	83,132	3/4	71,086	3/4	59,040
10		10	154,972	10	143,041	10	131,057	10	119,016	10	106,973	10	94,927	10	82,881	10	70,835	10	58,789
1/4		1/4	154,724	1/4	142,792	1/4	130,806	1/4	118,765	1/4	106,722	1/4	94,676	1/4	82,630	1/4	70,584	1/4	58,538
1/2		1/2	154,475	1/2	142,543	1/2	130,555	1/2	118,514	1/2	106,471	1/2	94,425	1/2	82,379	1/2	70,333	1/2	58,287
7/8	162,979	3/4	154,226	3/4	142,295	3/4	130,304	3/4	118,263	3/4	106,220	3/4	94,174	3/4	82,128	3/4	70,082	3/4	58,036
11	162,971	11	153,978	11	142,046	11	130,053	11	118,012	11	105,969	11	93,923	11	81,877	11	69,831	11	57,785
1/4	162,953	1/4	153,729	1/4	141,797	1/4	129,803	1/4	117,762	1/4	105,718	1/4	93,672	1/4	81,626	1/4	69,580	1/4	57,534
1/2	162,936	1/2	153,481	1/2	141,548	1/2	129,552	1/2	117,511	1/2	105,467	1/2	93,421	1/2	81,375	1/2	69,329	1/2	57,283
3/4	162,918	3/4	153,233	3/4	141,300	3/4	129,301	3/4	117,260	3/4	105,216	3/4	93,170	3/4	81,124	3/4	69,078	3/4	57,032

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 32'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CBC 79"

2 CENTER
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I
0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0	1/4
56,781	1/4	44,735	1/4	32,689	1/4	20,763	1/4	8,890	1/4		1/4		1/4		1/4		1/4		1/4
56,530	1/2	44,484	1/2	32,438	1/2	20,520	1/2	8,640	1/2		1/2		1/2		1/2		1/2		1/2
56,279	3/4	44,233	3/4	32,187	3/4	20,276	3/4	8,389	3/4		3/4		3/4		3/4		3/4		3/4
56,028	1	43,982	1	31,936	1	20,033	1	8,138	1		1		1		1		1		1
55,777	1/4	43,731	1/4	31,685	1/4	19,789	1/4	7,887	1/4		1/4		1/4		1/4		1/4		1/4
55,526	1/2	43,480	1/2	31,434	1/2	19,546	1/2	7,636	1/2		1/2		1/2		1/2		1/2		1/2
55,275	3/4	43,229	3/4	31,183	3/4	19,302	3/4	7,385	3/4		3/4		3/4		3/4		3/4		3/4
55,024	1	42,978	1	30,932	1	18,058	1	7,135	1		1		1		1		1		1
54,773	1/4	42,727	1/4	30,681	1/4	18,815	1/4	6,884	1/4		1/4		1/4		1/4		1/4		1/4
54,522	1/2	42,476	1/2	30,430	1/2	18,571	1/2	6,634	1/2		1/2		1/2		1/2		1/2		1/2
54,271	3/4	42,225	3/4	30,179	3/4	18,328	3/4	6,384	3/4		3/4		3/4		3/4		3/4		3/4
54,020	1	41,974	1	29,928	1	18,084	1	6,134	1		1		1		1		1		1
53,769	1/4	41,723	1/4	29,677	1/4	17,841	1/4	5,884	1/4		1/4		1/4		1/4		1/4		1/4
53,518	1/2	41,472	1/2	29,426	1/2	17,597	1/2	5,634	1/2		1/2		1/2		1/2		1/2		1/2
53,268	3/4	41,222	3/4	29,176	3/4	17,353	3/4	5,385	3/4		3/4		3/4		3/4		3/4		3/4
53,017	1	40,971	1	28,925	1	17,110	1	5,136	1		1		1		1		1		1
52,766	1/4	40,720	1/4	28,674	1/4	16,866	1/4	4,887	1/4		1/4		1/4		1/4		1/4		1/4
52,515	1/2	40,469	1/2	28,423	1/2	16,623	1/2	4,639	1/2		1/2		1/2		1/2		1/2		1/2
52,264	3/4	40,218	3/4	28,172	3/4	16,379	3/4	4,391	3/4		3/4		3/4		3/4		3/4		3/4
52,013	1	39,967	1	27,921	1	16,136	1	4,142	1		1		1		1		1		1
51,762	1/4	39,716	1/4	27,670	1/4	15,892	1/4	3,895	1/4		1/4		1/4		1/4		1/4		1/4
51,511	1/2	39,465	1/2	27,419	1/2	15,648	1/2	3,649	1/2		1/2		1/2		1/2		1/2		1/2
51,260	3/4	39,214	3/4	27,168	3/4	15,404	3/4	3,404	3/4		3/4		3/4		3/4		3/4		3/4
51,009	1	38,963	1	26,917	1	15,160	1	3,158	1		1		1		1		1		1
50,758	1/4	38,712	1/4	26,666	1/4	14,913	1/4	2,920	1/4		1/4		1/4		1/4		1/4		1/4
50,507	1/2	38,461	1/2	26,415	1/2	14,662	1/2	2,681	1/2		1/2		1/2		1/2		1/2		1/2
50,256	3/4	38,210	3/4	26,164	3/4	14,411	3/4	2,461	3/4		3/4		3/4		3/4		3/4		3/4
50,005	1	37,959	1	25,913	1	14,160	1	2,232	1		1		1		1		1		1
49,754	1/4	37,708	1/4	25,662	1/4	13,909	1/4	2,023	1/4		1/4		1/4		1/4		1/4		1/4
49,503	1/2	37,457	1/2	25,411	1/2	13,658	1/2	1,835	1/2		1/2		1/2		1/2		1/2		1/2
49,252	3/4	37,206	3/4	25,160	3/4	13,407	3/4	1,647	3/4		3/4		3/4		3/4		3/4		3/4
49,001	1	36,955	1	24,909	1	13,156	1	1,458	1		1		1		1		1		1
48,750	1/4	36,704	1/4	24,662	1/4	12,905	1/4	1,291	1/4		1/4		1/4		1/4		1/4		1/4
48,499	1/2	36,453	1/2	24,418	1/2	12,655	1/2	1,145	1/2		1/2		1/2		1/2		1/2		1/2
48,248	3/4	36,202	3/4	24,174	3/4	12,404	3/4	998	3/4		3/4		3/4		3/4		3/4		3/4
47,997	1	35,951	1	23,930	1	12,153	1	852	1		1		1		1		1		1
47,746	1/4	35,700	1/4	23,686	1/4	11,902	1/4	727	1/4		1/4		1/4		1/4		1/4		1/4
47,495	1/2	35,449	1/2	23,443	1/2	11,651	1/2	622	1/2		1/2		1/2		1/2		1/2		1/2
47,245	3/4	35,199	3/4	23,199	3/4	11,400	3/4	517	3/4		3/4		3/4		3/4		3/4		3/4
46,994	1	34,948	1	22,956	1	11,149	1	413	1		1		1		1		1		1
46,743	1/4	34,697	1/4	22,712	1/4	10,898	1/4	329	1/4		1/4		1/4		1/4		1/4		1/4
46,492	1/2	34,446	1/2	22,468	1/2	10,647	1/2	267	1/2		1/2		1/2		1/2		1/2		1/2
46,241	3/4	34,195	3/4	22,225	3/4	10,396	3/4	204	3/4		3/4		3/4		3/4		3/4		3/4
45,990	1	33,944	1	21,981	1	10,145	1	141	1		1		1		1		1		1
45,739	1/4	33,693	1/4	21,738	1/4	9,894	1/4	99	1/4		1/4		1/4		1/4		1/4		1/4
45,488	1/2	33,442	1/2	21,494	1/2	9,643	1/2	78	1/2		1/2		1/2		1/2		1/2		1/2
45,237	3/4	33,191	3/4	21,251	3/4	9,392	3/4	58	3/4		3/4		3/4		3/4		3/4		3/4
44,986	1	32,940	1	21,007	1	9,141	1	37	1		1		1		1		1		1

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/16/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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



BARGE "CBC 79"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 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	145,919	0	137,361	0	126,689	0	115,959	0	105,189	0	94,419	0	83,649	0	72,879	0	62,109
1/4		1/4	145,903	1/4	137,139	1/4	126,467	1/4	115,735	1/4	104,965	1/4	94,195	1/4	83,425	1/4	72,654	1/4	61,884
1/2		1/2	145,850	1/2	136,917	1/2	126,244	1/2	115,510	1/2	104,740	1/2	93,970	1/2	83,200	1/2	72,430	1/2	61,660
3/4		3/4	145,797	3/4	136,695	3/4	126,022	3/4	115,286	3/4	104,516	3/4	93,746	3/4	82,976	3/4	72,206	3/4	61,435
1		1	145,744	1	136,473	1	125,799	1	115,061	1	104,292	1	93,522	1	82,751	1	71,981	1	61,211
1/4		1/4	145,691	1/4	136,251	1/4	125,577	1/4	114,837	1/4	104,067	1/4	93,297	1/4	82,527	1/4	71,757	1/4	60,987
1/2		1/2	145,601	1/2	136,029	1/2	125,354	1/2	114,613	1/2	103,843	1/2	93,073	1/2	82,303	1/2	71,532	1/2	60,762
3/4		3/4	145,510	3/4	135,807	3/4	125,132	3/4	114,388	3/4	103,619	3/4	92,848	3/4	82,078	3/4	71,308	3/4	60,538
2		2	145,420	2	135,585	2	124,909	2	114,164	2	103,394	2	92,624	2	81,854	2	71,084	2	60,314
1/4		1/4	145,330	1/4	135,364	1/4	124,687	1/4	113,940	1/4	103,170	1/4	92,400	1/4	81,629	1/4	70,859	1/4	60,089
1/2		1/2	145,202	1/2	135,142	1/2	124,464	1/2	113,715	1/2	102,945	1/2	92,175	1/2	81,405	1/2	70,635	1/2	59,865
3/4		3/4	145,074	3/4	134,920	3/4	124,242	3/4	113,491	3/4	102,721	3/4	91,951	3/4	81,181	3/4	70,411	3/4	59,640
3		3	144,946	3	134,698	3	124,019	3	113,267	3	102,497	3	91,727	3	80,956	3	70,186	3	59,416
1/4		1/4	144,818	1/4	134,476	1/4	123,797	1/4	113,042	1/4	102,272	1/4	91,502	1/4	80,732	1/4	69,962	1/4	59,192
1/2		1/2	144,653	1/2	134,253	1/2	123,574	1/2	112,818	1/2	102,048	1/2	91,278	1/2	80,508	1/2	69,737	1/2	58,967
3/4		3/4	144,488	3/4	134,031	3/4	123,352	3/4	112,593	3/4	101,824	3/4	91,053	3/4	80,283	3/4	69,513	3/4	58,743
4		4	144,323	4	133,809	4	123,129	4	112,369	4	101,599	4	90,829	4	80,059	4	69,289	4	58,518
1/4		1/4	144,158	1/4	133,586	1/4	122,907	1/4	112,145	1/4	101,375	1/4	90,605	1/4	79,834	1/4	69,064	1/4	58,294
1/2		1/2	143,955	1/2	133,364	1/2	122,684	1/2	111,920	1/2	101,150	1/2	90,380	1/2	79,610	1/2	68,840	1/2	58,070
3/4		3/4	143,752	3/4	133,141	3/4	122,462	3/4	111,696	3/4	100,926	3/4	90,156	3/4	79,386	3/4	68,616	3/4	57,845
5		5	143,550	5	132,919	5	122,240	5	111,472	5	100,702	5	89,931	5	79,161	5	68,391	5	57,621
1/4		1/4	143,347	1/4	132,696	1/4	122,017	1/4	111,247	1/4	100,477	1/4	89,707	1/4	78,937	1/4	68,167	1/4	57,397
1/2		1/2	143,126	1/2	132,474	1/2	121,793	1/2	111,023	1/2	100,253	1/2	89,483	1/2	78,713	1/2	67,942	1/2	57,172
3/4		3/4	142,904	3/4	132,251	3/4	121,568	3/4	110,798	3/4	100,029	3/4	89,258	3/4	78,488	3/4	67,718	3/4	56,948
6		6	142,683	6	132,029	6	121,344	6	110,574	6	99,804	6	89,034	6	78,264	6	67,494	6	56,723
1/4		1/4	142,462	1/4	131,806	1/4	121,120	1/4	110,350	1/4	99,580	1/4	88,810	1/4	78,039	1/4	67,269	1/4	56,499
1/2		1/2	142,241	1/2	131,584	1/2	120,895	1/2	110,125	1/2	99,355	1/2	88,585	1/2	77,815	1/2	67,045	1/2	56,275
3/4		3/4	142,019	3/4	131,361	3/4	120,671	3/4	109,901	3/4	99,131	3/4	88,361	3/4	77,591	3/4	66,820	3/4	56,050
7		7	141,798	7	131,139	7	120,446	7	109,677	7	98,907	7	88,136	7	77,366	7	66,596	7	55,826
1/4		1/4	141,577	1/4	130,916	1/4	120,222	1/4	109,452	1/4	98,682	1/4	87,912	1/4	77,142	1/4	66,372	1/4	55,602
1/2		1/2	141,355	1/2	130,694	1/2	119,998	1/2	109,228	1/2	98,458	1/2	87,688	1/2	76,918	1/2	66,147	1/2	55,377
3/4		3/4	141,134	3/4	130,471	3/4	119,773	3/4	109,003	3/4	98,234	3/4	87,463	3/4	76,693	3/4	65,923	3/4	55,153
8		8	140,913	8	130,249	8	119,549	8	108,779	8	98,009	8	87,239	8	76,469	8	65,699	8	54,928
1/4		1/4	140,691	1/4	130,026	1/4	119,325	1/4	108,555	1/4	97,785	1/4	87,015	1/4	76,244	1/4	65,474	1/4	54,704
1/2		1/2	140,470	1/2	129,804	1/2	119,100	1/2	108,330	1/2	97,560	1/2	86,790	1/2	76,020	1/2	65,250	1/2	54,480
3/4		3/4	140,249	3/4	129,581	3/4	118,876	3/4	108,106	3/4	97,336	3/4	86,566	3/4	75,796	3/4	65,025	3/4	54,255
9		9	140,027	9	129,359	9	118,651	9	107,882	9	97,112	9	86,341	9	75,571	9	64,801	9	54,031
1/4		1/4	139,806	1/4	129,136	1/4	118,427	1/4	107,657	1/4	96,887	1/4	86,117	1/4	75,347	1/4	64,577	1/4	53,807
1/2		1/2	139,584	1/2	128,914	1/2	118,203	1/2	107,433	1/2	96,663	1/2	85,893	1/2	75,122	1/2	64,352	1/2	53,582
3/4		3/4	139,361	3/4	128,691	3/4	117,978	3/4	107,208	3/4	96,438	3/4	85,668	3/4	74,898	3/4	64,128	3/4	53,358
10		10	139,139	10	128,469	10	117,754	10	106,984	10	96,214	10	85,444	10	74,674	10	63,904	10	53,133
1/4		1/4	138,916	1/4	128,246	1/4	117,530	1/4	106,760	1/4	95,990	1/4	85,220	1/4	74,449	1/4	63,679	1/4	52,909
1/2		1/2	138,694	1/2	128,024	1/2	117,305	1/2	106,535	1/2	95,765	1/2	84,995	1/2	74,225	1/2	63,455	1/2	52,685
3/4		3/4	138,471	3/4	127,802	3/4	117,081	3/4	106,311	3/4	95,541	3/4	84,771	3/4	74,001	3/4	63,230	3/4	52,460
11		11	138,249	11	127,579	11	116,856	11	106,087	11	95,317	11	84,546	11	73,776	11	63,006	11	52,236
1/4	145,966	1/4	138,026	1/4	127,357	1/4	116,632	1/4	105,862	1/4	95,092	1/4	84,322	1/4	73,552	1/4	62,782	1/4	52,011
1/2	145,950	1/2	137,804	1/2	127,134	1/2	116,408	1/2	105,638	1/2	94,868	1/2	84,098	1/2	73,327	1/2	62,557	1/2	51,787
3/4	145,935	3/4	137,582	3/4	126,912	3/4	116,183	3/4	105,413	3/4	94,643	3/4	83,873	3/4	73,103	3/4	62,333	3/4	51,563

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 INNAUGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 28'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 79"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	51,338	0	40,568	0	29,798	0	19,039	0	8,288	0	45	0		0		0			
1/4	51,114	1/4	40,344	1/4	29,574	1/4	18,815	1/4	8,064	1/4	26	1/4		1/4		1/4		1/4	
1/2	50,890	1/2	40,119	1/2	29,349	1/2	18,591	1/2	7,839	1/2		1/2		1/2		1/2		1/2	
3/4	50,665	3/4	39,895	3/4	29,125	3/4	18,368	3/4	7,615	3/4		3/4		3/4		3/4		3/4	
1	50,441	1	39,671	1	28,900	1	18,144	1	7,391	1		1		1		1		1	
1/4	50,216	1/4	39,446	1/4	28,676	1/4	17,921	1/4	7,166	1/4		1/4		1/4		1/4		1/4	
1/2	49,992	1/2	39,222	1/2	28,452	1/2	17,697	1/2	6,942	1/2		1/2		1/2		1/2		1/2	
3/4	49,768	3/4	38,998	3/4	28,227	3/4	17,474	3/4	6,718	3/4		3/4		3/4		3/4		3/4	
2	49,543	2	38,773	2	28,003	2	17,250	2	6,494	2		2		2		2		2	
1/4	49,319	1/4	38,549	1/4	27,779	1/4	17,026	1/4	6,270	1/4		1/4		1/4		1/4		1/4	
1/2	49,095	1/2	38,324	1/2	27,554	1/2	16,803	1/2	6,046	1/2		1/2		1/2		1/2		1/2	
3/4	48,870	3/4	38,100	3/4	27,330	3/4	16,579	3/4	5,822	3/4		3/4		3/4		3/4		3/4	
3	48,646	3	37,876	3	27,105	3	16,356	3	5,599	3		3		3		3		3	
1/4	48,421	1/4	37,651	1/4	26,881	1/4	16,132	1/4	5,375	1/4		1/4		1/4		1/4		1/4	
1/2	48,197	1/2	37,427	1/2	26,657	1/2	15,909	1/2	5,152	1/2		1/2		1/2		1/2		1/2	
3/4	47,973	3/4	37,202	3/4	26,432	3/4	15,685	3/4	4,929	3/4		3/4		3/4		3/4		3/4	
4	47,748	4	36,978	4	26,208	4	15,461	4	4,706	4		4		4		4		4	
1/4	47,524	1/4	36,754	1/4	25,984	1/4	15,238	1/4	4,483	1/4		1/4		1/4		1/4		1/4	
1/2	47,300	1/2	36,529	1/2	25,759	1/2	15,014	1/2	4,261	1/2		1/2		1/2		1/2		1/2	
3/4	47,075	3/4	36,305	3/4	25,535	3/4	14,791	3/4	4,039	3/4		3/4		3/4		3/4		3/4	
5	46,851	5	36,081	5	25,310	5	14,567	5	3,817	5		5		5		5		5	
1/4	46,626	1/4	35,856	1/4	25,086	1/4	14,344	1/4	3,595	1/4		1/4		1/4		1/4		1/4	
1/2	46,402	1/2	35,632	1/2	24,862	1/2	14,120	1/2	3,376	1/2		1/2		1/2		1/2		1/2	
3/4	46,178	3/4	35,407	3/4	24,637	3/4	13,896	3/4	3,156	3/4		3/4		3/4		3/4		3/4	
6	45,953	6	35,183	6	24,413	6	13,672	6	2,936	6		6		6		6		6	
1/4	45,729	1/4	34,959	1/4	24,189	1/4	13,448	1/4	2,716	1/4		1/4		1/4		1/4		1/4	
1/2	45,505	1/2	34,734	1/2	23,964	1/2	13,224	1/2	2,511	1/2		1/2		1/2		1/2		1/2	
3/4	45,280	3/4	34,510	3/4	23,740	3/4	12,999	3/4	2,306	3/4		3/4		3/4		3/4		3/4	
7	45,056	7	34,286	7	23,515	7	12,775	7	2,101	7		7		7		7		7	
1/4	44,831	1/4	34,061	1/4	23,291	1/4	12,551	1/4	1,896	1/4		1/4		1/4		1/4		1/4	
1/2	44,607	1/2	33,837	1/2	23,067	1/2	12,326	1/2	1,727	1/2		1/2		1/2		1/2		1/2	
3/4	44,383	3/4	33,612	3/4	22,842	3/4	12,102	3/4	1,559	3/4		3/4		3/4		3/4		3/4	
8	44,158	8	33,388	8	22,618	8	11,878	8	1,391	8		8		8		8		8	
1/4	43,934	1/4	33,164	1/4	22,394	1/4	11,653	1/4	1,223	1/4		1/4		1/4		1/4		1/4	
1/2	43,709	1/2	32,939	1/2	22,170	1/2	11,429	1/2	1,092	1/2		1/2		1/2		1/2		1/2	
3/4	43,485	3/4	32,715	3/4	21,946	3/4	11,205	3/4	961	3/4		3/4		3/4		3/4		3/4	
9	43,261	9	32,491	9	21,722	9	10,980	9	830	9		9		9		9		9	
1/4	43,036	1/4	32,266	1/4	21,498	1/4	10,756	1/4	699	1/4		1/4		1/4		1/4		1/4	
1/2	42,812	1/2	32,042	1/2	21,274	1/2	10,532	1/2	606	1/2		1/2		1/2		1/2		1/2	
3/4	42,588	3/4	31,817	3/4	21,051	3/4	10,307	3/4	512	3/4		3/4		3/4		3/4		3/4	
10	42,363	10	31,593	10	20,827	10	10,083	10	419	10		10		10		10		10	
1/4	42,139	1/4	31,369	1/4	20,604	1/4	9,859	1/4	325	1/4		1/4		1/4		1/4		1/4	
1/2	41,914	1/2	31,144	1/2	20,380	1/2	9,634	1/2	269	1/2		1/2		1/2		1/2		1/2	
3/4	41,690	3/4	30,920	3/4	20,156	3/4	9,410	3/4	213	3/4		3/4		3/4		3/4		3/4	
11	41,466	11	30,696	11	19,933	11	9,185	11	157	11		11		11		11		11	
1/4	41,241	1/4	30,471	1/4	19,709	1/4	8,961	1/4	101	1/4		1/4		1/4		1/4		1/4	
1/2	41,017	1/2	30,247	1/2	19,486	1/2	8,737	1/2	82	1/2		1/2		1/2		1/2		1/2	
3/4	40,793	3/4	30,022	3/4	19,262	3/4	8,512	3/4	64	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 01/16/2008 CL - SW
CALCULATED: 01/17/2008 CL
PRINTED: 01/17/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2008

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