



BARGE "CBC 76"

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	- 00-0/8	00-0/8	- 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
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4

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

LENGTH BETWEEN DRAFT MARKS: 162'-03"

October 20, 2007

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

<http://www.pmacorp.net>



BARGE "CBC 76"

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	7,943	0	18,364	0	28,849	0	39,457	0	50,066	0	60,674	0	71,283	0	81,892	0	92,500
1/4	45	1/4	8,164	1/4	18,577	1/4	29,070	1/4	39,678	1/4	50,287	1/4	60,895	1/4	71,504	1/4	82,113	1/4	92,721
1/2	63	1/2	8,385	1/2	18,790	1/2	29,291	1/2	39,899	1/2	50,508	1/2	61,116	1/2	71,725	1/2	82,334	1/2	92,942
3/4	81	3/4	8,606	3/4	19,004	3/4	29,512	3/4	40,120	3/4	50,729	3/4	61,337	3/4	71,946	3/4	82,555	3/4	93,163
1	100	1	8,827	1	19,217	1	29,733	1	40,341	1	50,950	1	61,558	1	72,167	1	82,776	1	93,384
1/4	155	1/4	9,048	1/4	19,430	1/4	29,954	1/4	40,562	1/4	51,171	1/4	61,779	1/4	72,388	1/4	82,997	1/4	93,605
1/2	210	1/2	9,269	1/2	19,643	1/2	30,175	1/2	40,783	1/2	51,392	1/2	62,000	1/2	72,609	1/2	83,218	1/2	93,826
3/4	266	3/4	9,490	3/4	19,856	3/4	30,396	3/4	41,004	3/4	51,613	3/4	62,221	3/4	72,830	3/4	83,439	3/4	94,047
2	321	2	9,711	2	20,069	2	30,617	2	41,225	2	51,834	2	62,443	2	73,051	2	83,660	2	94,268
1/4	413	1/4	9,932	1/4	20,283	1/4	30,838	1/4	41,446	1/4	52,055	1/4	62,664	1/4	73,272	1/4	83,881	1/4	94,489
1/2	505	1/2	10,153	1/2	20,496	1/2	31,059	1/2	41,667	1/2	52,276	1/2	62,885	1/2	73,493	1/2	84,102	1/2	94,710
3/4	597	3/4	10,374	3/4	20,709	3/4	31,280	3/4	41,888	3/4	52,497	3/4	63,106	3/4	73,714	3/4	84,323	3/4	94,931
3	689	3	10,595	3	20,922	3	31,501	3	42,109	3	52,718	3	63,327	3	73,935	3	84,544	3	95,152
1/4	818	1/4	10,816	1/4	21,136	1/4	31,722	1/4	42,330	1/4	52,939	1/4	63,548	1/4	74,156	1/4	84,765	1/4	95,373
1/2	947	1/2	11,037	1/2	21,349	1/2	31,943	1/2	42,551	1/2	53,160	1/2	63,769	1/2	74,377	1/2	84,986	1/2	95,594
3/4	1,076	3/4	11,258	3/4	21,563	3/4	32,164	3/4	42,772	3/4	53,381	3/4	63,990	3/4	74,598	3/4	85,207	3/4	95,815
4	1,205	4	11,479	4	21,776	4	32,385	4	42,993	4	53,602	4	64,211	4	74,819	4	85,428	4	96,036
1/4	1,370	1/4	11,700	1/4	21,997	1/4	32,606	1/4	43,214	1/4	53,823	1/4	64,432	1/4	75,040	1/4	85,649	1/4	96,257
1/2	1,536	1/2	11,921	1/2	22,218	1/2	32,827	1/2	43,435	1/2	54,044	1/2	64,653	1/2	75,261	1/2	85,870	1/2	96,478
3/4	1,702	3/4	12,142	3/4	22,439	3/4	33,048	3/4	43,656	3/4	54,265	3/4	64,874	3/4	75,482	3/4	86,091	3/4	96,699
5	1,868	5	12,363	5	22,660	5	33,269	5	43,877	5	54,486	5	65,095	5	75,703	5	86,312	5	96,920
1/4	2,070	1/4	12,584	1/4	22,881	1/4	33,490	1/4	44,098	1/4	54,707	1/4	65,316	1/4	75,924	1/4	86,533	1/4	97,142
1/2	2,272	1/2	12,805	1/2	23,102	1/2	33,711	1/2	44,319	1/2	54,928	1/2	65,537	1/2	76,145	1/2	86,754	1/2	97,363
3/4	2,474	3/4	13,026	3/4	23,323	3/4	33,932	3/4	44,540	3/4	55,149	3/4	65,758	3/4	76,366	3/4	86,975	3/4	97,584
6	2,676	6	13,247	6	23,544	6	34,153	6	44,761	6	55,370	6	65,979	6	76,587	6	87,196	6	97,805
1/4	2,892	1/4	13,460	1/4	23,765	1/4	34,374	1/4	44,983	1/4	55,591	1/4	66,200	1/4	76,808	1/4	87,417	1/4	98,026
1/2	3,109	1/2	13,674	1/2	23,986	1/2	34,595	1/2	45,204	1/2	55,812	1/2	66,421	1/2	77,029	1/2	87,638	1/2	98,247
3/4	3,325	3/4	13,887	3/4	24,207	3/4	34,816	3/4	45,425	3/4	56,033	3/4	66,642	3/4	77,250	3/4	87,859	3/4	98,468
7	3,542	7	14,101	7	24,428	7	35,037	7	45,646	7	56,254	7	66,863	7	77,471	7	88,080	7	98,689
1/4	3,761	1/4	14,314	1/4	24,649	1/4	35,258	1/4	45,867	1/4	56,475	1/4	67,084	1/4	77,692	1/4	88,301	1/4	98,910
1/2	3,979	1/2	14,527	1/2	24,870	1/2	35,479	1/2	46,088	1/2	56,696	1/2	67,305	1/2	77,913	1/2	88,522	1/2	99,130
3/4	4,198	3/4	14,740	3/4	25,091	3/4	35,700	3/4	46,309	3/4	56,917	3/4	67,526	3/4	78,134	3/4	88,743	3/4	99,351
8	4,416	8	14,953	8	25,312	8	35,921	8	46,530	8	57,138	8	67,747	8	78,355	8	88,964	8	99,572
1/4	4,636	1/4	15,167	1/4	25,533	1/4	36,142	1/4	46,751	1/4	57,359	1/4	67,968	1/4	78,576	1/4	89,185	1/4	99,793
1/2	4,855	1/2	15,380	1/2	25,754	1/2	36,363	1/2	46,972	1/2	57,580	1/2	68,189	1/2	78,797	1/2	89,406	1/2	100,014
3/4	5,075	3/4	15,593	3/4	25,975	3/4	36,584	3/4	47,193	3/4	57,801	3/4	68,410	3/4	79,018	3/4	89,627	3/4	100,235
9	5,295	9	15,806	9	26,196	9	36,805	9	47,414	9	58,022	9	68,631	9	79,239	9	89,848	9	100,456
1/4	5,515	1/4	16,019	1/4	26,417	1/4	37,026	1/4	47,635	1/4	58,243	1/4	68,852	1/4	79,460	1/4	90,069	1/4	100,677
1/2	5,735	1/2	16,232	1/2	26,638	1/2	37,247	1/2	47,856	1/2	58,464	1/2	69,073	1/2	79,681	1/2	90,290	1/2	100,898
3/4	5,956	3/4	16,446	3/4	26,859	3/4	37,468	3/4	48,077	3/4	58,685	3/4	69,294	3/4	79,903	3/4	90,511	3/4	101,119
10	6,176	10	16,659	10	27,080	10	37,689	10	48,298	10	58,906	10	69,515	10	80,124	10	90,732	10	101,340
1/4	6,397	1/4	16,872	1/4	27,301	1/4	37,910	1/4	48,519	1/4	59,127	1/4	69,736	1/4	80,345	1/4	90,953	1/4	101,561
1/2	6,618	1/2	17,085	1/2	27,523	1/2	38,131	1/2	48,740	1/2	59,348	1/2	69,957	1/2	80,566	1/2	91,174	1/2	101,781
3/4	6,838	3/4	17,298	3/4	27,744	3/4	38,352	3/4	48,961	3/4	59,569	3/4	70,178	3/4	80,787	3/4	91,395	3/4	102,002
11	7,059	11	17,511	11	27,965	11	38,573	11	49,182	11	59,790	11	70,399	11	81,008	11	91,616	11	102,223
1/4	7,280	1/4	17,725	1/4	28,186	1/4	38,794	1/4	49,403	1/4	60,011	1/4	70,620	1/4	81,229	1/4	91,837	1/4	102,444
1/2	7,501	1/2	17,938	1/2	28,407	1/2	39,015	1/2	49,624	1/2	60,232	1/2	70,841	1/2	81,450	1/2	92,058	1/2	102,665
3/4	7,722	3/4	18,151	3/4	28,628	3/4	39,236	3/4	49,845	3/4	60,453	3/4	71,062	3/4	81,671	3/4	92,279	3/4	102,886

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 76"

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	103,107	0	113,711	0	124,279	0	134,789	0	143,420	0		0		0		0		0	
1/4	103,328	1/4	113,932	1/4	124,498	1/4	135,008	1/4	143,436	1/4		1/4		1/4		1/4		1/4	
1/2	103,549	1/2	114,153	1/2	124,717	1/2	135,226	1/2	143,451	1/2		1/2		1/2		1/2		1/2	
3/4	103,770	3/4	114,374	3/4	124,936	3/4	135,445	3/4	143,466	3/4		3/4		3/4		3/4		3/4	
1	103,991	1	114,595	1	125,156	1	135,663	1	143,482	1	1	1		1		1		1	
1/4	104,212	1/4	114,816	1/4	125,375	1/4	135,882	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	104,433	1/2	115,037	1/2	125,594	1/2	136,101	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104,653	3/4	115,258	3/4	125,813	3/4	136,320	3/4		3/4		3/4		3/4		3/4		3/4	
2	104,874	2	115,479	2	126,032	2	136,540	2		2		2		2		2		2	
1/4	105,095	1/4	115,700	1/4	126,251	1/4	136,759	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	105,316	1/2	115,920	1/2	126,470	1/2	136,978	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	105,537	3/4	116,141	3/4	126,689	3/4	137,197	3/4		3/4		3/4		3/4		3/4		3/4	
3	105,758	3	116,362	3	126,908	3	137,416	3		3		3		3		3		3	
1/4	105,979	1/4	116,583	1/4	127,127	1/4	137,634	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,200	1/2	116,804	1/2	127,347	1/2	137,852	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,421	3/4	117,025	3/4	127,566	3/4	138,070	3/4		3/4		3/4		3/4		3/4		3/4	
4	106,642	4	117,246	4	127,785	4	138,288	4		4		4		4		4		4	
1/4	106,863	1/4	117,467	1/4	128,004	1/4	138,506	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,084	1/2	117,688	1/2	128,223	1/2	138,724	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,305	3/4	117,909	3/4	128,442	3/4	138,942	3/4		3/4		3/4		3/4		3/4		3/4	
5	107,525	5	118,130	5	128,661	5	139,160	5		5		5		5		5		5	
1/4	107,746	1/4	118,351	1/4	128,880	1/4	139,377	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,967	1/2	118,572	1/2	129,099	1/2	139,595	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,188	3/4	118,792	3/4	129,318	3/4	139,813	3/4		3/4		3/4		3/4		3/4		3/4	
6	108,409	6	119,013	6	129,538	6	140,031	6		6		6		6		6		6	
1/4	108,630	1/4	119,234	1/4	129,757	1/4	140,249	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,851	1/2	119,455	1/2	129,976	1/2	140,467	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,072	3/4	119,676	3/4	130,195	3/4	140,685	3/4		3/4		3/4		3/4		3/4		3/4	
7	109,293	7	119,897	7	130,414	7	140,903	7		7		7		7		7		7	
1/4	109,514	1/4	120,116	1/4	130,633	1/4	141,103	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,735	1/2	120,335	1/2	130,852	1/2	141,302	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,956	3/4	120,554	3/4	131,071	3/4	141,502	3/4		3/4		3/4		3/4		3/4		3/4	
8	110,177	8	120,773	8	131,290	8	141,701	8		8		8		8		8		8	
1/4	110,397	1/4	120,993	1/4	131,509	1/4	141,864	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,618	1/2	121,212	1/2	131,729	1/2	142,027	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,839	3/4	121,431	3/4	131,948	3/4	142,189	3/4		3/4		3/4		3/4		3/4		3/4	
9	111,060	9	121,650	9	132,167	9	142,352	9		9		9		9		9		9	
1/4	111,281	1/4	121,869	1/4	132,385	1/4	142,478	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,502	1/2	122,088	1/2	132,604	1/2	142,604	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,723	3/4	122,307	3/4	132,822	3/4	142,730	3/4		3/4		3/4		3/4		3/4		3/4	
10	111,944	10	122,526	10	133,041	10	142,855	10		10		10		10		10		10	
1/4	112,165	1/4	122,745	1/4	133,259	1/4	142,944	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,386	1/2	122,964	1/2	133,478	1/2	143,033	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,607	3/4	123,184	3/4	133,696	3/4	143,122	3/4		3/4		3/4		3/4		3/4		3/4	
11	112,828	11	123,403	11	133,915	11	143,211	11		11		11		11		11		11	
1/4	113,048	1/4	123,622	1/4	134,133	1/4	143,264	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,269	1/2	123,841	1/2	134,352	1/2	143,316	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,490	3/4	124,060	3/4	134,571	3/4	143,368	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2007 CL - SW
CALCULATED: 10/20/2007 CL
PRINTED: 10/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/20/07

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 76"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	9,034	0	20,928	0	32,881	0	44,952	0	57,022	0	69,093	0	81,163	0	93,234	0	105,304
1/4	47	1/4	9,286	1/4	21,172	1/4	33,133	1/4	45,203	1/4	57,274	1/4	69,344	1/4	81,415	1/4	93,485	1/4	105,556
1/2	68	1/2	9,537	1/2	21,416	1/2	33,384	1/2	45,455	1/2	57,525	1/2	69,596	1/2	81,666	1/2	93,737	1/2	105,807
3/4	89	3/4	9,789	3/4	21,660	3/4	33,636	3/4	45,706	3/4	57,777	3/4	69,847	3/4	81,918	3/4	93,988	3/4	106,059
1	110	1	10,040	1	21,904	1	33,887	1	45,958	1	58,028	1	70,099	1	82,169	1	94,240	1	106,310
1 1/4	173	1 1/4	10,292	1 1/4	22,148	1 1/4	34,138	1 1/4	46,209	1 1/4	58,279	1 1/4	70,350	1 1/4	82,420	1 1/4	94,491	1 1/4	106,561
1 1/2	236	1 1/2	10,543	1 1/2	22,392	1 1/2	34,390	1 1/2	46,460	1 1/2	58,531	1 1/2	70,601	1 1/2	82,672	1 1/2	94,742	1 1/2	106,813
3/4	299	3/4	10,794	3/4	22,636	3/4	34,641	3/4	46,712	3/4	58,782	3/4	70,853	3/4	82,923	3/4	94,994	3/4	107,064
2	361	2	11,046	2	22,880	2	34,893	2	46,963	2	59,034	2	71,104	2	83,175	2	95,245	2	107,316
1 1/4	466	1 1/4	11,297	1 1/4	23,124	1 1/4	35,144	1 1/4	47,215	1 1/4	59,285	1 1/4	71,356	1 1/4	83,426	1 1/4	95,497	1 1/4	107,567
1 1/2	571	1 1/2	11,549	1 1/2	23,368	1 1/2	35,396	1 1/2	47,466	1 1/2	59,537	1 1/2	71,607	1 1/2	83,678	1 1/2	95,748	1 1/2	107,819
3/4	676	3/4	11,800	3/4	23,612	3/4	35,647	3/4	47,718	3/4	59,788	3/4	71,859	3/4	83,929	3/4	96,000	3/4	108,070
3	780	3	12,052	3	23,857	3	35,899	3	47,969	3	60,040	3	72,110	3	84,181	3	96,251	3	108,322
1 1/4	927	1 1/4	12,303	1 1/4	24,101	1 1/4	36,150	1 1/4	48,221	1 1/4	60,291	1 1/4	72,362	1 1/4	84,432	1 1/4	96,503	1 1/4	108,573
1 1/2	1,074	1 1/2	12,555	1 1/2	24,345	1 1/2	36,402	1 1/2	48,472	1 1/2	60,543	1 1/2	72,613	1 1/2	84,684	1 1/2	96,754	1 1/2	108,825
3/4	1,220	3/4	12,806	3/4	24,590	3/4	36,653	3/4	48,724	3/4	60,794	3/4	72,865	3/4	84,935	3/4	97,006	3/4	109,076
4	1,367	4	13,057	4	24,834	4	36,905	4	48,975	4	61,046	4	73,116	4	85,187	4	97,257	4	109,328
1 1/4	1,556	1 1/4	13,309	1 1/4	25,086	1 1/4	37,156	1 1/4	49,227	1 1/4	61,297	1 1/4	73,368	1 1/4	85,438	1 1/4	97,509	1 1/4	109,579
1 1/2	1,744	1 1/2	13,560	1 1/2	25,337	1 1/2	37,408	1 1/2	49,478	1 1/2	61,549	1 1/2	73,619	1 1/2	85,690	1 1/2	97,760	1 1/2	109,831
3/4	1,933	3/4	13,812	3/4	25,589	3/4	37,659	3/4	49,730	3/4	61,800	3/4	73,871	3/4	85,941	3/4	98,012	3/4	110,082
5	2,121	5	14,063	5	25,840	5	37,911	5	49,981	5	62,052	5	74,122	5	86,193	5	98,263	5	110,334
1 1/4	2,351	1 1/4	14,314	1 1/4	26,091	1 1/4	38,162	1 1/4	50,232	1 1/4	62,303	1 1/4	74,373	1 1/4	86,444	1 1/4	98,514	1 1/4	110,585
1 1/2	2,581	1 1/2	14,566	1 1/2	26,343	1 1/2	38,413	1 1/2	50,484	1 1/2	62,554	1 1/2	74,625	1 1/2	86,695	1 1/2	98,766	1 1/2	110,836
3/4	2,811	3/4	14,817	3/4	26,594	3/4	38,665	3/4	50,735	3/4	62,806	3/4	74,876	3/4	86,947	3/4	99,017	3/4	111,088
6	3,041	6	15,069	6	26,846	6	38,916	6	50,987	6	63,057	6	75,128	6	87,198	6	99,269	6	111,339
1 1/4	3,287	1 1/4	15,313	1 1/4	27,097	1 1/4	39,168	1 1/4	51,238	1 1/4	63,309	1 1/4	75,379	1 1/4	87,450	1 1/4	99,520	1 1/4	111,591
1 1/2	3,534	1 1/2	15,558	1 1/2	27,349	1 1/2	39,419	1 1/2	51,490	1 1/2	63,560	1 1/2	75,631	1 1/2	87,701	1 1/2	99,772	1 1/2	111,842
3/4	3,780	3/4	15,802	3/4	27,600	3/4	39,671	3/4	51,741	3/4	63,812	3/4	75,882	3/4	87,953	3/4	100,023	3/4	112,094
7	4,027	7	16,046	7	27,852	7	39,922	7	51,993	7	64,063	7	76,134	7	88,204	7	100,275	7	112,345
1 1/4	4,275	1 1/4	16,290	1 1/4	28,103	1 1/4	40,174	1 1/4	52,244	1 1/4	64,315	1 1/4	76,385	1 1/4	88,456	1 1/4	100,526	1 1/4	112,597
1 1/2	4,524	1 1/2	16,534	1 1/2	28,355	1 1/2	40,425	1 1/2	52,496	1 1/2	64,566	1 1/2	76,637	1 1/2	88,707	1 1/2	100,778	1 1/2	112,848
3/4	4,772	3/4	16,779	3/4	28,606	3/4	40,677	3/4	52,747	3/4	64,818	3/4	76,888	3/4	88,959	3/4	101,029	3/4	113,099
8	5,021	8	17,023	8	28,858	8	40,928	8	52,999	8	65,069	8	77,140	8	89,210	8	101,281	8	113,351
1 1/4	5,271	1 1/4	17,267	1 1/4	29,109	1 1/4	41,180	1 1/4	53,250	1 1/4	65,321	1 1/4	77,391	1 1/4	89,462	1 1/4	101,532	1 1/4	113,602
1 1/2	5,521	1 1/2	17,511	1 1/2	29,361	1 1/2	41,431	1 1/2	53,502	1 1/2	65,572	1 1/2	77,643	1 1/2	89,713	1 1/2	101,784	1 1/2	113,853
3/4	5,771	3/4	17,755	3/4	29,612	3/4	41,683	3/4	53,753	3/4	65,824	3/4	77,894	3/4	89,965	3/4	102,035	3/4	114,105
9	6,021	9	17,999	9	29,864	9	41,934	9	54,005	9	66,075	9	78,146	9	90,216	9	102,287	9	114,356
1 1/4	6,271	1 1/4	18,243	1 1/4	30,115	1 1/4	42,185	1 1/4	54,256	1 1/4	66,326	1 1/4	78,397	1 1/4	90,467	1 1/4	102,538	1 1/4	114,608
1 1/2	6,522	1 1/2	18,487	1 1/2	30,366	1 1/2	42,437	1 1/2	54,507	1 1/2	66,578	1 1/2	78,648	1 1/2	90,719	1 1/2	102,789	1 1/2	114,859
3/4	6,773	3/4	18,731	3/4	30,618	3/4	42,688	3/4	54,759	3/4	66,829	3/4	78,900	3/4	90,970	3/4	103,041	3/4	115,110
10	7,024	10	18,975	10	30,869	10	42,940	10	55,010	10	67,081	10	79,151	10	91,222	10	103,292	10	115,362
1 1/4	7,275	1 1/4	19,219	1 1/4	31,121	1 1/4	43,191	1 1/4	55,262	1 1/4	67,332	1 1/4	79,403	1 1/4	91,473	1 1/4	103,544	1 1/4	115,613
1 1/2	7,526	1 1/2	19,463	1 1/2	31,372	1 1/2	43,443	1 1/2	55,513	1 1/2	67,584	1 1/2	79,654	1 1/2	91,725	1 1/2	103,795	1 1/2	115,864
3/4	7,777	3/4	19,707	3/4	31,624	3/4	43,694	3/4	55,765	3/4	67,835	3/4	79,906	3/4	91,976	3/4	104,047	3/4	116,116
11	8,029	11	19,951	11	31,875	11	43,946	11	56,016	11	68,087	11	80,157	11	92,228	11	104,298	11	116,367
1 1/4	8,280	1 1/4	20,195	1 1/4	32,127	1 1/4	44,197	1 1/4	56,268	1 1/4	68,338	1 1/4	80,409	1 1/4	92,479	1 1/4	104,550	1 1/4	116,618
1 1/2	8,531	1 1/2	20,440	1 1/2	32,378	1 1/2	44,449	1 1/2	56,519	1 1/2	68,590	1 1/2	80,660	1 1/2	92,731	1 1/2	104,801	1 1/2	116,870
3/4	8,783	3/4	20,684	3/4	32,630	3/4	44,700	3/4	56,771	3/4	68,841	3/4	80,912	3/4	92,982	3/4	105,053	3/4	117,121

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 31'-05" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CBC 76"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	117,373	0	129,438	0	141,462	0	153,420	0	163,241	0		0		0		0		0	
1/4	117,624	1/4	129,689	1/4	141,711	1/4	153,669	1/4	163,258	1/4		1/4		1/4		1/4		1/4	
1/2	117,875	1/2	129,941	1/2	141,961	1/2	153,918	1/2	163,276	1/2		1/2		1/2		1/2		1/2	
3/4	118,127	3/4	130,192	3/4	142,210	3/4	154,166	3/4	163,293	3/4		3/4		3/4		3/4		3/4	
1	118,378	1	130,444	1	142,459	1	154,415	1	163,311	1		1		1		1		1	
1/4	118,629	1/4	130,695	1/4	142,709	1/4	154,664	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118,881	1/2	130,946	1/2	142,958	1/2	154,914	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119,132	3/4	131,198	3/4	143,207	3/4	155,163	3/4		3/4		3/4		3/4		3/4		3/4	
2	119,383	2	131,449	2	143,457	2	155,412	2		2		2		2		2		2	
1/4	119,635	1/4	131,700	1/4	143,706	1/4	155,661	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	119,886	1/2	131,952	1/2	143,955	1/2	155,911	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	120,138	3/4	132,203	3/4	144,204	3/4	156,160	3/4		3/4		3/4		3/4		3/4		3/4	
3	120,389	3	132,454	3	144,454	3	156,409	3		3		3		3		3		3	
1/4	120,640	1/4	132,706	1/4	144,703	1/4	156,657	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	120,892	1/2	132,957	1/2	144,952	1/2	156,905	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	121,143	3/4	133,209	3/4	145,202	3/4	157,153	3/4		3/4		3/4		3/4		3/4		3/4	
4	121,394	4	133,460	4	145,451	4	157,401	4		4		4		4		4		4	
1/4	121,646	1/4	133,711	1/4	145,700	1/4	157,649	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	121,897	1/2	133,963	1/2	145,949	1/2	157,897	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	122,149	3/4	134,214	3/4	146,199	3/4	158,145	3/4		3/4		3/4		3/4		3/4		3/4	
5	122,400	5	134,465	5	146,448	5	158,393	5		5		5		5		5		5	
1/4	122,651	1/4	134,717	1/4	146,697	1/4	158,641	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122,903	1/2	134,968	1/2	146,947	1/2	158,889	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	123,154	3/4	135,219	3/4	147,196	3/4	159,137	3/4		3/4		3/4		3/4		3/4		3/4	
6	123,405	6	135,471	6	147,445	6	159,385	6		6		6		6		6		6	
1/4	123,657	1/4	135,722	1/4	147,695	1/4	159,633	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123,908	1/2	135,974	1/2	147,944	1/2	159,881	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	124,159	3/4	136,225	3/4	148,193	3/4	160,129	3/4		3/4		3/4		3/4		3/4		3/4	
7	124,411	7	136,476	7	148,442	7	160,377	7		7		7		7		7		7	
1/4	124,662	1/4	136,726	1/4	148,692	1/4	160,604	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	124,914	1/2	136,975	1/2	148,941	1/2	160,831	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125,165	3/4	137,224	3/4	149,190	3/4	161,058	3/4		3/4		3/4		3/4		3/4		3/4	
8	125,416	8	137,473	8	149,440	8	161,285	8		8		8		8		8		8	
1/4	125,668	1/4	137,723	1/4	149,689	1/4	161,470	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	125,919	1/2	137,972	1/2	149,938	1/2	161,655	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	126,170	3/4	138,221	3/4	150,187	3/4	161,840	3/4		3/4		3/4		3/4		3/4		3/4	
9	126,422	9	138,471	9	150,437	9	162,026	9		9		9		9		9		9	
1/4	126,673	1/4	138,720	1/4	150,685	1/4	162,169	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	126,924	1/2	138,969	1/2	150,934	1/2	162,312	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	127,176	3/4	139,219	3/4	151,183	3/4	162,455	3/4		3/4		3/4		3/4		3/4		3/4	
10	127,427	10	139,468	10	151,431	10	162,598	10		10		10		10		10		10	
1/4	127,679	1/4	139,717	1/4	151,680	1/4	162,700	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	127,930	1/2	139,966	1/2	151,929	1/2	162,801	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	128,181	3/4	140,216	3/4	152,177	3/4	162,902	3/4		3/4		3/4		3/4		3/4		3/4	
11	128,433	11	140,465	11	152,426	11	163,003	11		11		11		11		11		11	
1/4	128,684	1/4	140,714	1/4	152,675	1/4	163,063	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	128,935	1/2	140,964	1/2	152,923	1/2	163,122	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	129,187	3/4	141,213	3/4	153,172	3/4	163,182	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2007 CL - SW
CALCULATED: 10/20/2007 CL
PRINTED: 10/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 76"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	8,086	0	18,866	0	29,654	0	40,454	0	51,253	0	62,053	0	72,852	0	83,651	0	94,451
1/4	45	1/4	8,311	1/4	19,090	1/4	29,879	1/4	40,679	1/4	51,478	1/4	62,277	1/4	73,077	1/4	83,876	1/4	94,676
1/2	64	1/2	8,536	1/2	19,315	1/2	30,104	1/2	40,904	1/2	51,703	1/2	62,502	1/2	73,302	1/2	84,101	1/2	94,901
3/4	82	3/4	8,761	3/4	19,539	3/4	30,329	3/4	41,129	3/4	51,928	3/4	62,727	3/4	73,527	3/4	84,326	3/4	95,126
1	101	1	8,986	1	19,763	1	30,554	1	41,354	1	52,153	1	62,952	1	73,752	1	84,551	1	95,351
1/4	157	1/4	9,210	1/4	19,987	1/4	30,779	1/4	41,578	1/4	52,378	1/4	63,177	1/4	73,977	1/4	84,776	1/4	95,576
1/2	214	1/2	9,435	1/2	20,211	1/2	31,004	1/2	41,803	1/2	52,603	1/2	63,402	1/2	74,202	1/2	85,001	1/2	95,801
3/4	270	3/4	9,660	3/4	20,435	3/4	31,229	3/4	42,028	3/4	52,828	3/4	63,627	3/4	74,427	3/4	85,226	3/4	96,026
2	326	2	9,885	2	20,660	2	31,454	2	42,253	2	53,053	2	63,852	2	74,652	2	85,451	2	96,251
1/4	420	1/4	10,110	1/4	20,884	1/4	31,679	1/4	42,478	1/4	53,278	1/4	64,077	1/4	74,877	1/4	85,676	1/4	96,476
1/2	514	1/2	10,335	1/2	21,108	1/2	31,904	1/2	42,703	1/2	53,503	1/2	64,302	1/2	75,102	1/2	85,901	1/2	96,701
3/4	607	3/4	10,560	3/4	21,332	3/4	32,129	3/4	42,928	3/4	53,728	3/4	64,527	3/4	75,327	3/4	86,126	3/4	96,926
3	701	3	10,785	3	21,556	3	32,354	3	43,153	3	53,953	3	64,752	3	75,552	3	86,351	3	97,151
1/4	832	1/4	11,010	1/4	21,781	1/4	32,579	1/4	43,378	1/4	54,178	1/4	64,977	1/4	75,777	1/4	86,576	1/4	97,376
1/2	963	1/2	11,235	1/2	22,005	1/2	32,804	1/2	43,603	1/2	54,403	1/2	65,202	1/2	76,002	1/2	86,801	1/2	97,601
3/4	1,095	3/4	11,460	3/4	22,230	3/4	33,029	3/4	43,828	3/4	54,628	3/4	65,427	3/4	76,227	3/4	87,026	3/4	97,826
4	1,226	4	11,685	4	22,454	4	33,254	4	44,053	4	54,853	4	65,652	4	76,452	4	87,251	4	98,051
1/4	1,395	1/4	11,910	1/4	22,679	1/4	33,479	1/4	44,278	1/4	55,078	1/4	65,877	1/4	76,677	1/4	87,476	1/4	98,276
1/2	1,563	1/2	12,135	1/2	22,904	1/2	33,704	1/2	44,503	1/2	55,303	1/2	66,102	1/2	76,902	1/2	87,701	1/2	98,501
3/4	1,732	3/4	12,360	3/4	23,129	3/4	33,929	3/4	44,728	3/4	55,528	3/4	66,327	3/4	77,127	3/4	87,926	3/4	98,726
5	1,901	5	12,585	5	23,354	5	34,154	5	44,953	5	55,753	5	66,552	5	77,352	5	88,151	5	98,951
1/4	2,106	1/4	12,810	1/4	23,579	1/4	34,379	1/4	45,178	1/4	55,978	1/4	66,777	1/4	77,577	1/4	88,376	1/4	99,176
1/2	2,312	1/2	13,035	1/2	23,804	1/2	34,604	1/2	45,403	1/2	56,203	1/2	67,002	1/2	77,802	1/2	88,601	1/2	99,401
3/4	2,518	3/4	13,260	3/4	24,029	3/4	34,829	3/4	45,628	3/4	56,428	3/4	67,227	3/4	78,027	3/4	88,826	3/4	99,626
6	2,723	6	13,485	6	24,254	6	35,054	6	45,853	6	56,653	6	67,452	6	78,252	6	89,051	6	99,851
1/4	2,944	1/4	13,709	1/4	24,479	1/4	35,279	1/4	46,078	1/4	56,878	1/4	67,677	1/4	78,477	1/4	89,276	1/4	100,076
1/2	3,164	1/2	13,934	1/2	24,704	1/2	35,504	1/2	46,303	1/2	57,103	1/2	67,902	1/2	78,702	1/2	89,501	1/2	100,301
3/4	3,385	3/4	14,158	3/4	24,929	3/4	35,729	3/4	46,528	3/4	57,328	3/4	68,127	3/4	78,927	3/4	89,726	3/4	100,526
7	3,605	7	14,383	7	25,154	7	35,954	7	46,753	7	57,553	7	68,352	7	79,152	7	89,951	7	100,751
1/4	3,828	1/4	14,607	1/4	25,379	1/4	36,179	1/4	46,978	1/4	57,778	1/4	68,577	1/4	79,377	1/4	90,176	1/4	100,976
1/2	4,050	1/2	14,831	1/2	25,604	1/2	36,404	1/2	47,203	1/2	58,003	1/2	68,802	1/2	79,602	1/2	90,401	1/2	101,201
3/4	4,273	3/4	15,055	3/4	25,829	3/4	36,629	3/4	47,428	3/4	58,228	3/4	69,027	3/4	79,827	3/4	90,626	3/4	101,426
8	4,495	8	15,279	8	26,054	8	36,854	8	47,653	8	58,453	8	69,252	8	80,052	8	90,851	8	101,651
1/4	4,719	1/4	15,504	1/4	26,279	1/4	37,079	1/4	47,878	1/4	58,678	1/4	69,477	1/4	80,277	1/4	91,076	1/4	101,876
1/2	4,942	1/2	15,728	1/2	26,504	1/2	37,304	1/2	48,103	1/2	58,903	1/2	69,702	1/2	80,502	1/2	91,301	1/2	102,101
3/4	5,166	3/4	15,952	3/4	26,729	3/4	37,529	3/4	48,328	3/4	59,128	3/4	69,927	3/4	80,727	3/4	91,526	3/4	102,326
9	5,389	9	16,176	9	26,954	9	37,754	9	48,553	9	59,353	9	70,152	9	80,952	9	91,751	9	102,550
1/4	5,614	1/4	16,400	1/4	27,179	1/4	37,979	1/4	48,778	1/4	59,578	1/4	70,377	1/4	81,177	1/4	91,976	1/4	102,775
1/2	5,838	1/2	16,624	1/2	27,404	1/2	38,204	1/2	49,003	1/2	59,803	1/2	70,602	1/2	81,402	1/2	92,201	1/2	103,000
3/4	6,062	3/4	16,849	3/4	27,629	3/4	38,429	3/4	49,228	3/4	60,028	3/4	70,827	3/4	81,627	3/4	92,426	3/4	103,225
10	6,287	10	17,073	10	27,854	10	38,654	10	49,453	10	60,253	10	71,052	10	81,852	10	92,651	10	103,450
1/4	6,512	1/4	17,297	1/4	28,079	1/4	38,879	1/4	49,678	1/4	60,478	1/4	71,277	1/4	82,077	1/4	92,876	1/4	103,675
1/2	6,736	1/2	17,521	1/2	28,304	1/2	39,104	1/2	49,903	1/2	60,703	1/2	71,502	1/2	82,302	1/2	93,101	1/2	103,900
3/4	6,961	3/4	17,745	3/4	28,529	3/4	39,329	3/4	50,128	3/4	60,928	3/4	71,727	3/4	82,527	3/4	93,326	3/4	104,125
11	7,186	11	17,969	11	28,754	11	39,554	11	50,353	11	61,153	11	71,952	11	82,752	11	93,551	11	104,350
1/4	7,411	1/4	18,194	1/4	28,979	1/4	39,779	1/4	50,578	1/4	61,378	1/4	72,177	1/4	82,976	1/4	93,776	1/4	104,575
1/2	7,636	1/2	18,418	1/2	29,204	1/2	40,004	1/2	50,803	1/2	61,603	1/2	72,402	1/2	83,201	1/2	94,001	1/2	104,800
3/4	7,861	3/4	18,642	3/4	29,429	3/4	40,229	3/4	51,028	3/4	61,828	3/4	72,627	3/4	83,426	3/4	94,226	3/4	105,025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 76"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	105,250	0	116,049	0	126,811	0	137,512	0	146,300	0		0		0		0		0	
1/4	105,475	1/4	116,274	1/4	127,034	1/4	137,734	1/4	146,316	1/4		1/4		1/4		1/4		1/4	
1/2	105,700	1/2	116,499	1/2	127,257	1/2	137,957	1/2	146,332	1/2		1/2		1/2		1/2		1/2	
3/4	105,925	3/4	116,724	3/4	127,480	3/4	138,179	3/4	146,347	3/4		3/4		3/4		3/4		3/4	
1	106,150	1	116,949	1	127,703	1	138,402	1	146,363	1		1		1		1		1	
1/4	106,375	1/4	117,174	1/4	127,926	1/4	138,625	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	106,600	1/2	117,399	1/2	128,149	1/2	138,848	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	106,825	3/4	117,624	3/4	128,372	3/4	139,071	3/4		3/4		3/4		3/4		3/4		3/4	
2	107,050	2	117,849	2	128,595	2	139,294	2		2		2		2		2		2	
1/4	107,275	1/4	118,074	1/4	128,818	1/4	139,517	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107,500	1/2	118,299	1/2	129,042	1/2	139,740	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107,725	3/4	118,524	3/4	129,265	3/4	139,963	3/4		3/4		3/4		3/4		3/4		3/4	
3	107,950	3	118,749	3	129,488	3	140,186	3		3		3		3		3		3	
1/4	108,175	1/4	118,974	1/4	129,711	1/4	140,408	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108,400	1/2	119,199	1/2	129,934	1/2	140,630	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	108,625	3/4	119,424	3/4	130,157	3/4	140,852	3/4		3/4		3/4		3/4		3/4		3/4	
4	108,850	4	119,649	4	130,380	4	141,074	4		4		4		4		4		4	
1/4	109,075	1/4	119,874	1/4	130,603	1/4	141,296	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	109,300	1/2	120,099	1/2	130,826	1/2	141,518	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	109,525	3/4	120,324	3/4	131,049	3/4	141,740	3/4		3/4		3/4		3/4		3/4		3/4	
5	109,750	5	120,549	5	131,272	5	141,962	5		5		5		5		5		5	
1/4	109,975	1/4	120,774	1/4	131,496	1/4	142,184	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	110,200	1/2	120,999	1/2	131,719	1/2	142,406	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	110,425	3/4	121,224	3/4	131,942	3/4	142,627	3/4		3/4		3/4		3/4		3/4		3/4	
6	110,650	6	121,449	6	132,165	6	142,849	6		6		6		6		6		6	
1/4	110,875	1/4	121,674	1/4	132,388	1/4	143,071	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,100	1/2	121,899	1/2	132,611	1/2	143,293	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	111,325	3/4	122,124	3/4	132,834	3/4	143,515	3/4		3/4		3/4		3/4		3/4		3/4	
7	111,550	7	122,349	7	133,057	7	143,737	7		7		7		7		7		7	
1/4	111,775	1/4	122,572	1/4	133,280	1/4	143,940	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,000	1/2	122,795	1/2	133,503	1/2	144,143	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,225	3/4	123,018	3/4	133,726	3/4	144,347	3/4		3/4		3/4		3/4		3/4		3/4	
8	112,450	8	123,241	8	133,949	8	144,550	8		8		8		8		8		8	
1/4	112,675	1/4	123,464	1/4	134,173	1/4	144,715	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,900	1/2	123,687	1/2	134,396	1/2	144,881	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,125	3/4	123,911	3/4	134,619	3/4	145,047	3/4		3/4		3/4		3/4		3/4		3/4	
9	113,350	9	124,134	9	134,842	9	145,212	9		9		9		9		9		9	
1/4	113,575	1/4	124,357	1/4	135,064	1/4	145,341	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,800	1/2	124,580	1/2	135,287	1/2	145,469	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,025	3/4	124,803	3/4	135,509	3/4	145,597	3/4		3/4		3/4		3/4		3/4		3/4	
10	114,250	10	125,026	10	135,732	10	145,725	10		10		10		10		10		10	
1/4	114,475	1/4	125,249	1/4	135,954	1/4	145,816	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,700	1/2	125,472	1/2	136,177	1/2	145,906	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,925	3/4	125,695	3/4	136,399	3/4	145,997	3/4		3/4		3/4		3/4		3/4		3/4	
11	115,150	11	125,918	11	136,622	11	146,088	11		11		11		11		11		11	
1/4	115,374	1/4	126,141	1/4	136,844	1/4	146,141	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	115,599	1/2	126,365	1/2	137,067	1/2	146,194	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	115,824	3/4	126,588	3/4	137,289	3/4	146,247	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2007 CL - SW
CALCULATED: 10/20/2007 CL
PRINTED: 10/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 76"

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	00-0/8	- 00-0/8	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
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4

(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 CENTER IS - 00-1/4"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 3/4'

LENGTH BETWEEN DRAFT MARKS: 162'-03"

October 20, 2007

PRECISION MEASUREMENT
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 Pearland, Texas 77588

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BARGE "CBC 76"

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	143,316	0	134,352	0	123,841	0	113,269	0	102,665	0	92,058	0	81,450	0	70,841	0	60,232
1/4		1/4	143,264	1/4	134,133	1/4	123,622	1/4	113,048	1/4	102,444	1/4	91,837	1/4	81,229	1/4	70,620	1/4	60,011
1/2		1/2	143,211	1/2	133,915	1/2	123,403	1/2	112,828	1/2	102,223	1/2	91,616	1/2	81,008	1/2	70,399	1/2	59,790
3/4		3/4	143,122	3/4	133,696	3/4	123,184	3/4	112,607	3/4	102,002	3/4	91,395	3/4	80,787	3/4	70,178	3/4	59,569
1		1	143,033	1	133,478	1	122,964	1	112,386	1	101,781	1	91,174	1	80,566	1	69,957	1	59,348
1/4		1/4	142,944	1/4	133,259	1/4	122,745	1/4	112,165	1/4	101,561	1/4	90,953	1/4	80,345	1/4	69,736	1/4	59,127
1/2		1/2	142,855	1/2	133,041	1/2	122,526	1/2	111,944	1/2	101,340	1/2	90,732	1/2	80,124	1/2	69,515	1/2	58,906
3/4		3/4	142,730	3/4	132,822	3/4	122,307	3/4	111,723	3/4	101,119	3/4	90,511	3/4	79,903	3/4	69,294	3/4	58,685
2		2	142,604	2	132,604	2	122,088	2	111,502	2	100,898	2	90,290	2	79,681	2	69,073	2	58,464
1/4		1/4	142,478	1/4	132,385	1/4	121,869	1/4	111,281	1/4	100,677	1/4	90,069	1/4	79,460	1/4	68,852	1/4	58,243
1/2		1/2	142,352	1/2	132,167	1/2	121,650	1/2	111,060	1/2	100,456	1/2	89,848	1/2	79,239	1/2	68,631	1/2	58,022
3/4		3/4	142,189	3/4	131,948	3/4	121,431	3/4	110,839	3/4	100,235	3/4	89,627	3/4	79,018	3/4	68,410	3/4	57,801
3		3	142,027	3	131,729	3	121,212	3	110,618	3	100,014	3	89,406	3	78,797	3	68,189	3	57,580
1/4		1/4	141,864	1/4	131,509	1/4	120,993	1/4	110,397	1/4	99,793	1/4	89,185	1/4	78,576	1/4	67,968	1/4	57,359
1/2		1/2	141,701	1/2	131,290	1/2	120,773	1/2	110,177	1/2	99,572	1/2	88,964	1/2	78,355	1/2	67,747	1/2	57,138
3/4		3/4	141,502	3/4	131,071	3/4	120,554	3/4	109,956	3/4	99,351	3/4	88,743	3/4	78,134	3/4	67,526	3/4	56,917
4		4	141,302	4	130,852	4	120,335	4	109,735	4	99,130	4	88,522	4	77,913	4	67,305	4	56,696
1/4		1/4	141,103	1/4	130,633	1/4	120,116	1/4	109,514	1/4	98,910	1/4	88,301	1/4	77,692	1/4	67,084	1/4	56,475
1/2		1/2	140,903	1/2	130,414	1/2	119,897	1/2	109,293	1/2	98,689	1/2	88,080	1/2	77,471	1/2	66,863	1/2	56,254
3/4		3/4	140,685	3/4	130,195	3/4	119,676	3/4	109,072	3/4	98,468	3/4	87,859	3/4	77,250	3/4	66,642	3/4	56,033
5		5	140,467	5	129,976	5	119,455	5	108,851	5	98,247	5	87,638	5	77,029	5	66,421	5	55,812
1/4		1/4	140,249	1/4	129,757	1/4	119,234	1/4	108,630	1/4	98,026	1/4	87,417	1/4	76,808	1/4	66,200	1/4	55,591
1/2		1/2	140,031	1/2	129,538	1/2	119,013	1/2	108,409	1/2	97,805	1/2	87,196	1/2	76,587	1/2	65,979	1/2	55,370
3/4		3/4	139,813	3/4	129,318	3/4	118,792	3/4	108,188	3/4	97,584	3/4	86,975	3/4	76,366	3/4	65,758	3/4	55,149
6		6	139,595	6	129,099	6	118,572	6	107,967	6	97,363	6	86,754	6	76,145	6	65,537	6	54,928
1/4		1/4	139,377	1/4	128,880	1/4	118,351	1/4	107,746	1/4	97,142	1/4	86,533	1/4	75,924	1/4	65,316	1/4	54,707
1/2		1/2	139,160	1/2	128,661	1/2	118,130	1/2	107,525	1/2	96,920	1/2	86,312	1/2	75,703	1/2	65,095	1/2	54,486
3/4		3/4	138,942	3/4	128,442	3/4	117,909	3/4	107,305	3/4	96,699	3/4	86,091	3/4	75,482	3/4	64,874	3/4	54,265
7		7	138,724	7	128,223	7	117,688	7	107,084	7	96,478	7	85,870	7	75,261	7	64,653	7	54,044
1/4		1/4	138,506	1/4	128,004	1/4	117,467	1/4	106,863	1/4	96,257	1/4	85,649	1/4	75,040	1/4	64,432	1/4	53,823
1/2		1/2	138,288	1/2	127,785	1/2	117,246	1/2	106,642	1/2	96,036	1/2	85,428	1/2	74,819	1/2	64,211	1/2	53,602
3/4		3/4	138,070	3/4	127,566	3/4	117,025	3/4	106,421	3/4	95,815	3/4	85,207	3/4	74,598	3/4	63,990	3/4	53,381
8		8	137,852	8	127,347	8	116,804	8	106,200	8	95,594	8	84,986	8	74,377	8	63,769	8	53,160
1/4		1/4	137,634	1/4	127,127	1/4	116,583	1/4	105,979	1/4	95,373	1/4	84,765	1/4	74,156	1/4	63,548	1/4	52,939
1/2		1/2	137,416	1/2	126,908	1/2	116,362	1/2	105,758	1/2	95,152	1/2	84,544	1/2	73,935	1/2	63,327	1/2	52,718
3/4		3/4	137,197	3/4	126,689	3/4	116,141	3/4	105,537	3/4	94,931	3/4	84,323	3/4	73,714	3/4	63,106	3/4	52,497
9		9	136,978	9	126,470	9	115,920	9	105,316	9	94,710	9	84,102	9	73,493	9	62,885	9	52,276
1/4		1/4	136,759	1/4	126,251	1/4	115,700	1/4	105,095	1/4	94,489	1/4	83,881	1/4	73,272	1/4	62,664	1/4	52,055
1/2		1/2	136,540	1/2	126,032	1/2	115,479	1/2	104,874	1/2	94,268	1/2	83,660	1/2	73,051	1/2	62,443	1/2	51,834
3/4		3/4	136,320	3/4	125,813	3/4	115,258	3/4	104,653	3/4	94,047	3/4	83,439	3/4	72,830	3/4	62,221	3/4	51,613
10		10	136,101	10	125,594	10	115,037	10	104,433	10	93,826	10	83,218	10	72,609	10	62,000	10	51,392
1/4		1/4	135,882	1/4	125,375	1/4	114,816	1/4	104,212	1/4	93,605	1/4	82,997	1/4	72,388	1/4	61,779	1/4	51,171
1/2	143,482	1/2	135,663	1/2	125,156	1/2	114,595	1/2	103,991	1/2	93,384	1/2	82,776	1/2	72,167	1/2	61,558	1/2	50,950
3/4	143,466	3/4	135,445	3/4	124,936	3/4	114,374	3/4	103,770	3/4	93,163	3/4	82,555	3/4	71,946	3/4	61,337	3/4	50,729
11		11	135,226	11	124,717	11	114,153	11	103,549	11	92,942	11	82,334	11	71,725	11	61,116	11	50,508
1/4	143,436	1/4	135,008	1/4	124,498	1/4	113,932	1/4	103,328	1/4	92,721	1/4	82,113	1/4	71,504	1/4	60,895	1/4	50,287
1/2	143,420	1/2	134,789	1/2	124,279	1/2	113,711	1/2	103,107	1/2	92,500	1/2	81,892	1/2	71,283	1/2	60,674	1/2	50,066
3/4	143,368	3/4	134,571	3/4	124,060	3/4	113,490	3/4	102,886	3/4	92,279	3/4	81,671	3/4	71,062	3/4	60,453	3/4	49,845

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 26'-07" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 76"

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	49,624	0	39,015	0	28,407	0	17,938	0	7,501	0		0		0		0		0	
1/4	49,403	1/4	38,794	1/4	28,186	1/4	17,725	1/4	7,280	1/4		1/4		1/4		1/4		1/4	
1/2	49,182	1/2	38,573	1/2	27,965	1/2	17,511	1/2	7,059	1/2		1/2		1/2		1/2		1/2	
3/4	48,961	3/4	38,352	3/4	27,744	3/4	17,298	3/4	6,838	3/4		3/4		3/4		3/4		3/4	
1	48,740	1	38,131	1	27,523	1	17,085	1	6,618	1		1		1		1		1	
1/4	48,519	1/4	37,910	1/4	27,301	1/4	16,872	1/4	6,397	1/4		1/4		1/4		1/4		1/4	
1/2	48,298	1/2	37,689	1/2	27,080	1/2	16,659	1/2	6,176	1/2		1/2		1/2		1/2		1/2	
3/4	48,077	3/4	37,468	3/4	26,859	3/4	16,446	3/4	5,956	3/4		3/4		3/4		3/4		3/4	
2	47,856	2	37,247	2	26,638	2	16,232	2	5,735	2		2		2		2		2	
1/4	47,635	1/4	37,026	1/4	26,417	1/4	16,019	1/4	5,515	1/4		1/4		1/4		1/4		1/4	
1/2	47,414	1/2	36,805	1/2	26,196	1/2	15,806	1/2	5,295	1/2		1/2		1/2		1/2		1/2	
3/4	47,193	3/4	36,584	3/4	25,975	3/4	15,593	3/4	5,075	3/4		3/4		3/4		3/4		3/4	
3	46,972	3	36,363	3	25,754	3	15,380	3	4,855	3		3		3		3		3	
1/4	46,751	1/4	36,142	1/4	25,533	1/4	15,167	1/4	4,636	1/4		1/4		1/4		1/4		1/4	
1/2	46,530	1/2	35,921	1/2	25,312	1/2	14,953	1/2	4,416	1/2		1/2		1/2		1/2		1/2	
3/4	46,309	3/4	35,700	3/4	25,091	3/4	14,740	3/4	4,198	3/4		3/4		3/4		3/4		3/4	
4	46,088	4	35,479	4	24,870	4	14,527	4	3,979	4		4		4		4		4	
1/4	45,867	1/4	35,258	1/4	24,649	1/4	14,314	1/4	3,761	1/4		1/4		1/4		1/4		1/4	
1/2	45,646	1/2	35,037	1/2	24,428	1/2	14,101	1/2	3,542	1/2		1/2		1/2		1/2		1/2	
3/4	45,425	3/4	34,816	3/4	24,207	3/4	13,887	3/4	3,325	3/4		3/4		3/4		3/4		3/4	
5	45,204	5	34,595	5	23,986	5	13,674	5	3,109	5		5		5		5		5	
1/4	44,983	1/4	34,374	1/4	23,765	1/4	13,460	1/4	2,892	1/4		1/4		1/4		1/4		1/4	
1/2	44,761	1/2	34,153	1/2	23,544	1/2	13,247	1/2	2,676	1/2		1/2		1/2		1/2		1/2	
3/4	44,540	3/4	33,932	3/4	23,323	3/4	13,026	3/4	2,474	3/4		3/4		3/4		3/4		3/4	
6	44,319	6	33,711	6	23,102	6	12,805	6	2,272	6		6		6		6		6	
1/4	44,098	1/4	33,490	1/4	22,881	1/4	12,584	1/4	2,070	1/4		1/4		1/4		1/4		1/4	
1/2	43,877	1/2	33,269	1/2	22,660	1/2	12,363	1/2	1,868	1/2		1/2		1/2		1/2		1/2	
3/4	43,656	3/4	33,048	3/4	22,439	3/4	12,142	3/4	1,702	3/4		3/4		3/4		3/4		3/4	
7	43,435	7	32,827	7	22,218	7	11,921	7	1,536	7		7		7		7		7	
1/4	43,214	1/4	32,606	1/4	21,997	1/4	11,700	1/4	1,370	1/4		1/4		1/4		1/4		1/4	
1/2	42,993	1/2	32,385	1/2	21,776	1/2	11,479	1/2	1,205	1/2		1/2		1/2		1/2		1/2	
3/4	42,772	3/4	32,164	3/4	21,563	3/4	11,258	3/4	1,076	3/4		3/4		3/4		3/4		3/4	
8	42,551	8	31,943	8	21,349	8	11,037	8	947	8		8		8		8		8	
1/4	42,330	1/4	31,722	1/4	21,136	1/4	10,816	1/4	818	1/4		1/4		1/4		1/4		1/4	
1/2	42,109	1/2	31,501	1/2	20,922	1/2	10,595	1/2	689	1/2		1/2		1/2		1/2		1/2	
3/4	41,888	3/4	31,280	3/4	20,709	3/4	10,374	3/4	597	3/4		3/4		3/4		3/4		3/4	
9	41,667	9	31,059	9	20,496	9	10,153	9	505	9		9		9		9		9	
1/4	41,446	1/4	30,838	1/4	20,283	1/4	9,932	1/4	413	1/4		1/4		1/4		1/4		1/4	
1/2	41,225	1/2	30,617	1/2	20,069	1/2	9,711	1/2	321	1/2		1/2		1/2		1/2		1/2	
3/4	41,004	3/4	30,396	3/4	19,856	3/4	9,490	3/4	266	3/4		3/4		3/4		3/4		3/4	
10	40,783	10	30,175	10	19,643	10	9,269	10	210	10		10		10		10		10	
1/4	40,562	1/4	29,954	1/4	19,430	1/4	9,048	1/4	155	1/4		1/4		1/4		1/4		1/4	
1/2	40,341	1/2	29,733	1/2	19,217	1/2	8,827	1/2	100	1/2		1/2		1/2		1/2		1/2	
3/4	40,120	3/4	29,512	3/4	19,004	3/4	8,606	3/4	81	3/4		3/4		3/4		3/4		3/4	
11	39,899	11	29,291	11	18,790	11	8,385	11	63	11		11		11		11		11	
1/4	39,678	1/4	29,070	1/4	18,577	1/4	8,164	1/4	45	1/4		1/4		1/4		1/4		1/4	
1/2	39,457	1/2	28,849	1/2	18,364	1/2	7,943	1/2	26	1/2		1/2		1/2		1/2		1/2	
3/4	39,236	3/4	28,628	3/4	18,151	3/4	7,722	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/17/2007 CL - SW
CALCULATED: 10/20/2007 CL
PRINTED: 10/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2007

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 76"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	163,063	0	152,675	0	140,714	0	128,684	0	116,618	0	104,550	0	92,479	0	80,409	0	68,338
1/4		1/4	163,003	1/4	152,426	1/4	140,465	1/4	128,433	1/4	116,367	1/4	104,298	1/4	92,228	1/4	80,157	1/4	68,087
1/2		1/2	162,902	1/2	152,177	1/2	140,216	1/2	128,181	1/2	116,116	1/2	104,047	1/2	91,976	1/2	79,906	1/2	67,835
3/4		3/4	162,801	3/4	151,929	3/4	139,966	3/4	127,930	3/4	115,864	3/4	103,795	3/4	91,725	3/4	79,654	3/4	67,584
1		1	162,700	1	151,680	1	139,717	1	127,679	1	115,613	1	103,544	1	91,473	1	79,403	1	67,332
1/4		1/4	162,598	1/4	151,431	1/4	139,468	1/4	127,427	1/4	115,362	1/4	103,292	1/4	91,222	1/4	79,151	1/4	67,081
1/2		1/2	162,455	1/2	151,183	1/2	139,219	1/2	127,176	1/2	115,110	1/2	103,041	1/2	90,970	1/2	78,900	1/2	66,829
3/4		3/4	162,312	3/4	150,934	3/4	138,969	3/4	126,924	3/4	114,859	3/4	102,789	3/4	90,719	3/4	78,648	3/4	66,578
2		2	162,169	2	150,685	2	138,720	2	126,673	2	114,608	2	102,538	2	90,467	2	78,397	2	66,326
1/4		1/4	162,026	1/4	150,437	1/4	138,471	1/4	126,422	1/4	114,356	1/4	102,287	1/4	90,216	1/4	78,146	1/4	66,075
1/2		1/2	161,840	1/2	150,187	1/2	138,221	1/2	126,170	1/2	114,105	1/2	102,035	1/2	89,965	1/2	77,894	1/2	65,824
3/4		3/4	161,655	3/4	149,938	3/4	137,972	3/4	125,919	3/4	113,853	3/4	101,784	3/4	89,713	3/4	77,643	3/4	65,572
3		3	161,470	3	149,689	3	137,723	3	125,668	3	113,602	3	101,532	3	89,462	3	77,391	3	65,321
1/4		1/4	161,285	1/4	149,440	1/4	137,473	1/4	125,416	1/4	113,351	1/4	101,281	1/4	89,210	1/4	77,140	1/4	65,069
1/2		1/2	161,058	1/2	149,190	1/2	137,224	1/2	125,165	1/2	113,099	1/2	101,029	1/2	88,959	1/2	76,888	1/2	64,818
3/4		3/4	160,831	3/4	148,941	3/4	136,975	3/4	124,914	3/4	112,848	3/4	100,778	3/4	88,707	3/4	76,637	3/4	64,566
4		4	160,604	4	148,692	4	136,726	4	124,662	4	112,597	4	100,526	4	88,456	4	76,385	4	64,315
1/4		1/4	160,377	1/4	148,442	1/4	136,476	1/4	124,411	1/4	112,345	1/4	100,275	1/4	88,204	1/4	76,134	1/4	64,063
1/2		1/2	160,129	1/2	148,193	1/2	136,225	1/2	124,159	1/2	112,094	1/2	100,023	1/2	87,953	1/2	75,882	1/2	63,812
3/4		3/4	159,881	3/4	147,944	3/4	135,974	3/4	123,908	3/4	111,842	3/4	99,772	3/4	87,701	3/4	75,631	3/4	63,560
5		5	159,633	5	147,695	5	135,722	5	123,657	5	111,591	5	99,520	5	87,450	5	75,379	5	63,309
1/4		1/4	159,385	1/4	147,445	1/4	135,471	1/4	123,405	1/4	111,339	1/4	99,269	1/4	87,198	1/4	75,128	1/4	63,057
1/2		1/2	159,137	1/2	147,196	1/2	135,219	1/2	123,154	1/2	111,088	1/2	99,017	1/2	86,947	1/2	74,876	1/2	62,806
3/4		3/4	158,889	3/4	146,947	3/4	134,968	3/4	122,903	3/4	110,836	3/4	98,766	3/4	86,695	3/4	74,625	3/4	62,554
6		6	158,641	6	146,697	6	134,717	6	122,651	6	110,585	6	98,514	6	86,444	6	74,373	6	62,303
1/4		1/4	158,393	1/4	146,448	1/4	134,465	1/4	122,400	1/4	110,334	1/4	98,263	1/4	86,193	1/4	74,122	1/4	62,052
1/2		1/2	158,145	1/2	146,199	1/2	134,214	1/2	122,149	1/2	110,082	1/2	98,012	1/2	85,941	1/2	73,871	1/2	61,800
3/4		3/4	157,897	3/4	145,949	3/4	133,963	3/4	121,897	3/4	109,831	3/4	97,760	3/4	85,690	3/4	73,619	3/4	61,549
7		7	157,649	7	145,700	7	133,711	7	121,646	7	109,579	7	97,509	7	85,438	7	73,368	7	61,297
1/4		1/4	157,401	1/4	145,451	1/4	133,460	1/4	121,394	1/4	109,328	1/4	97,257	1/4	85,187	1/4	73,116	1/4	61,046
1/2		1/2	157,153	1/2	145,202	1/2	133,209	1/2	121,143	1/2	109,076	1/2	97,006	1/2	84,935	1/2	72,865	1/2	60,794
3/4		3/4	156,905	3/4	144,952	3/4	132,957	3/4	120,892	3/4	108,825	3/4	96,754	3/4	84,684	3/4	72,613	3/4	60,543
8		8	156,657	8	144,703	8	132,706	8	120,640	8	108,573	8	96,503	8	84,432	8	72,362	8	60,291
1/4		1/4	156,409	1/4	144,454	1/4	132,454	1/4	120,389	1/4	108,322	1/4	96,251	1/4	84,181	1/4	72,110	1/4	60,040
1/2		1/2	156,160	1/2	144,204	1/2	132,203	1/2	120,138	1/2	108,070	1/2	96,000	1/2	83,929	1/2	71,859	1/2	59,788
3/4		3/4	155,911	3/4	143,955	3/4	131,952	3/4	119,886	3/4	107,819	3/4	95,748	3/4	83,678	3/4	71,607	3/4	59,537
9		9	155,661	9	143,706	9	131,700	9	119,635	9	107,567	9	95,497	9	83,426	9	71,356	9	59,285
1/4		1/4	155,412	1/4	143,457	1/4	131,449	1/4	119,383	1/4	107,316	1/4	95,245	1/4	83,175	1/4	71,104	1/4	59,034
1/2		1/2	155,163	1/2	143,207	1/2	131,198	1/2	119,132	1/2	107,064	1/2	94,994	1/2	82,923	1/2	70,853	1/2	58,782
3/4		3/4	154,914	3/4	142,958	3/4	130,946	3/4	118,881	3/4	106,813	3/4	94,742	3/4	82,672	3/4	70,601	3/4	58,531
10		10	154,664	10	142,709	10	130,695	10	118,629	10	106,561	10	94,491	10	82,420	10	70,350	10	58,279
1/4	163,311	1/4	154,415	1/4	142,459	1/4	130,444	1/4	118,378	1/4	106,310	1/4	94,240	1/4	82,169	1/4	70,099	1/4	58,028
1/2	163,293	1/2	154,166	1/2	142,210	1/2	130,192	1/2	118,127	1/2	106,059	1/2	93,988	1/2	81,918	1/2	69,847	1/2	57,777
3/4	163,276	3/4	153,918	3/4	141,961	3/4	129,941	3/4	117,875	3/4	105,807	3/4	93,737	3/4	81,666	3/4	69,596	3/4	57,525
11	163,258	11	153,669	11	141,711	11	129,689	11	117,624	11	105,556	11	93,485	11	81,415	11	69,344	11	57,274
1/4	163,241	1/4	153,420	1/4	141,462	1/4	129,438	1/4	117,373	1/4	105,304	1/4	93,234	1/4	81,163	1/4	69,093	1/4	57,022
1/2	163,182	1/2	153,172	1/2	141,213	1/2	129,187	1/2	117,121	1/2	105,053	1/2	92,982	1/2	80,912	1/2	68,841	1/2	56,771
3/4	163,122	3/4	152,923	3/4	140,964	3/4	128,935	3/4	116,870	3/4	104,801	3/4	92,731	3/4	80,660	3/4	68,590	3/4	56,519

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 31'-05" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 76"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 14'-11 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	56,268	0	44,197	0	32,127	0	20,195	0	8,280	0		0		0		0		0	
1/4	56,016	1/4	43,946	1/4	31,875	1/4	19,951	1/4	8,029	1/4		1/4		1/4		1/4		1/4	
1/2	55,765	1/2	43,694	1/2	31,624	1/2	19,707	1/2	7,777	1/2		1/2		1/2		1/2		1/2	
3/4	55,513	3/4	43,443	3/4	31,372	3/4	19,463	3/4	7,526	3/4		3/4		3/4		3/4		3/4	
1	55,262	1	43,191	1	31,121	1	19,219	1	7,275	1		1		1		1		1	
1/4	55,010	1/4	42,940	1/4	30,869	1/4	18,975	1/4	7,024	1/4		1/4		1/4		1/4		1/4	
1/2	54,759	1/2	42,688	1/2	30,618	1/2	18,731	1/2	6,773	1/2		1/2		1/2		1/2		1/2	
3/4	54,507	3/4	42,437	3/4	30,366	3/4	18,487	3/4	6,522	3/4		3/4		3/4		3/4		3/4	
2	54,256	2	42,185	2	30,115	2	18,243	2	6,271	2		2		2		2		2	
1/4	54,005	1/4	41,934	1/4	29,864	1/4	17,999	1/4	6,021	1/4		1/4		1/4		1/4		1/4	
1/2	53,753	1/2	41,683	1/2	29,612	1/2	17,755	1/2	5,771	1/2		1/2		1/2		1/2		1/2	
3/4	53,502	3/4	41,431	3/4	29,361	3/4	17,511	3/4	5,521	3/4		3/4		3/4		3/4		3/4	
3	53,250	3	41,180	3	29,109	3	17,267	3	5,271	3		3		3		3		3	
1/4	52,999	1/4	40,928	1/4	28,858	1/4	17,023	1/4	5,021	1/4		1/4		1/4		1/4		1/4	
1/2	52,747	1/2	40,677	1/2	28,606	1/2	16,779	1/2	4,772	1/2		1/2		1/2		1/2		1/2	
3/4	52,496	3/4	40,425	3/4	28,355	3/4	16,534	3/4	4,524	3/4		3/4		3/4		3/4		3/4	
4	52,244	4	40,174	4	28,103	4	16,290	4	4,275	4		4		4		4		4	
1/4	51,993	1/4	39,922	1/4	27,852	1/4	16,046	1/4	4,027	1/4		1/4		1/4		1/4		1/4	
1/2	51,741	1/2	39,671	1/2	27,600	1/2	15,802	1/2	3,780	1/2		1/2		1/2		1/2		1/2	
3/4	51,490	3/4	39,419	3/4	27,349	3/4	15,558	3/4	3,534	3/4		3/4		3/4		3/4		3/4	
5	51,238	5	39,168	5	27,097	5	15,313	5	3,287	5		5		5		5		5	
1/4	50,987	1/4	38,916	1/4	26,846	1/4	15,069	1/4	3,041	1/4		1/4		1/4		1/4		1/4	
1/2	50,735	1/2	38,665	1/2	26,594	1/2	14,817	1/2	2,811	1/2		1/2		1/2		1/2		1/2	
3/4	50,484	3/4	38,413	3/4	26,343	3/4	14,566	3/4	2,581	3/4		3/4		3/4		3/4		3/4	
6	50,232	6	38,162	6	26,091	6	14,314	6	2,351	6		6		6		6		6	
1/4	49,981	1/4	37,911	1/4	25,840	1/4	14,063	1/4	2,121	1/4		1/4		1/4		1/4		1/4	
1/2	49,730	1/2	37,659	1/2	25,589	1/2	13,812	1/2	1,933	1/2		1/2		1/2		1/2		1/2	
3/4	49,478	3/4	37,408	3/4	25,337	3/4	13,560	3/4	1,744	3/4		3/4		3/4		3/4		3/4	
7	49,227	7	37,156	7	25,086	7	13,309	7	1,556	7		7		7		7		7	
1/4	48,975	1/4	36,905	1/4	24,834	1/4	13,057	1/4	1,367	1/4		1/4		1/4		1/4		1/4	
1/2	48,724	1/2	36,653	1/2	24,590	1/2	12,806	1/2	1,220	1/2		1/2		1/2		1/2		1/2	
3/4	48,472	3/4	36,402	3/4	24,345	3/4	12,555	3/4	1,074	3/4		3/4		3/4		3/4		3/4	
8	48,221	8	36,150	8	24,101	8	12,303	8	927	8		8		8		8		8	
1/4	47,969	1/4	35,899	1/4	23,857	1/4	12,052	1/4	780	1/4		1/4		1/4		1/4		1/4	
1/2	47,718	1/2	35,647	1/2	23,612	1/2	11,800	1/2	676	1/2		1/2		1/2		1/2		1/2	
3/4	47,466	3/4	35,396	3/4	23,368	3/4	11,549	3/4	571	3/4		3/4		3/4		3/4		3/4	
9	47,215	9	35,144	9	23,124	9	11,297	9	466	9		9		9		9		9	
1/4	46,963	1/4	34,893	1/4	22,880	1/4	11,046	1/4	361	1/4		1/4		1/4		1/4		1/4	
1/2	46,712	1/2	34,641	1/2	22,636	1/2	10,794	1/2	299	1/2		1/2		1/2		1/2		1/2	
3/4	46,460	3/4	34,390	3/4	22,392	3/4	10,543	3/4	236	3/4		3/4		3/4		3/4		3/4	
10	46,209	10	34,138	10	22,148	10	10,292	10	173	10		10		10		10		10	
1/4	45,958	1/4	33,887	1/4	21,904	1/4	10,040	1/4	110	1/4		1/4		1/4		1/4		1/4	
1/2	45,706	1/2	33,636	1/2	21,660	1/2	9,789	1/2	89	1/2		1/2		1/2		1/2		1/2	
3/4	45,455	3/4	33,384	3/4	21,416	3/4	9,537	3/4	68	3/4		3/4		3/4		3/4		3/4	
11	45,203	11	33,133	11	21,172	11	9,286	11	47	11		11		11		11		11	
1/4	44,952	1/4	32,881	1/4	20,928	1/4	9,034	1/4	26	1/4		1/4		1/4		1/4		1/4	
1/2	44,700	1/2	32,630	1/2	20,684	1/2	8,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44,449	3/4	32,378	3/4	20,440	3/4	8,531	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 10/17/2007 CL - SW
CALCULATED: 10/20/2007 CL
PRINTED: 10/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/20/07

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "CBC 76"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	146,300	0	137,512	0	126,811	0	116,049	0	105,250	0	94,451	0	83,651	0	72,852	0	62,053
1/4		1/4	146,247	1/4	137,289	1/4	126,588	1/4	115,824	1/4	105,025	1/4	94,226	1/4	83,426	1/4	72,627	1/4	61,828
1/2		1/2	146,194	1/2	137,067	1/2	126,365	1/2	115,599	1/2	104,800	1/2	94,001	1/2	83,201	1/2	72,402	1/2	61,603
3/4		3/4	146,141	3/4	136,844	3/4	126,141	3/4	115,374	3/4	104,575	3/4	93,776	3/4	82,976	3/4	72,177	3/4	61,378
1		1	146,088	1	136,622	1	125,918	1	115,150	1	104,350	1	93,551	1	82,752	1	71,952	1	61,153
1/4		1/4	145,997	1/4	136,399	1/4	125,695	1/4	114,925	1/4	104,125	1/4	93,326	1/4	82,527	1/4	71,727	1/4	60,928
1/2		1/2	145,906	1/2	136,177	1/2	125,472	1/2	114,700	1/2	103,900	1/2	93,101	1/2	82,302	1/2	71,502	1/2	60,703
3/4		3/4	145,816	3/4	135,954	3/4	125,249	3/4	114,475	3/4	103,675	3/4	92,876	3/4	82,077	3/4	71,277	3/4	60,478
2		2	145,725	2	135,732	2	125,026	2	114,250	2	103,450	2	92,651	2	81,852	2	71,052	2	60,253
1/4		1/4	145,597	1/4	135,509	1/4	124,803	1/4	114,025	1/4	103,225	1/4	92,426	1/4	81,627	1/4	70,827	1/4	60,028
1/2		1/2	145,469	1/2	135,287	1/2	124,580	1/2	113,800	1/2	103,000	1/2	92,201	1/2	81,402	1/2	70,602	1/2	59,803
3/4		3/4	145,341	3/4	135,064	3/4	124,357	3/4	113,575	3/4	102,775	3/4	91,976	3/4	81,177	3/4	70,377	3/4	59,578
3		3	145,212	3	134,842	3	124,134	3	113,350	3	102,550	3	91,751	3	80,952	3	70,152	3	59,353
1/4		1/4	145,047	1/4	134,619	1/4	123,911	1/4	113,125	1/4	102,326	1/4	91,526	1/4	80,727	1/4	69,927	1/4	59,128
1/2		1/2	144,881	1/2	134,396	1/2	123,687	1/2	112,900	1/2	102,101	1/2	91,301	1/2	80,502	1/2	69,702	1/2	58,903
3/4		3/4	144,715	3/4	134,173	3/4	123,464	3/4	112,675	3/4	101,876	3/4	91,076	3/4	80,277	3/4	69,477	3/4	58,678
4		4	144,550	4	133,949	4	123,241	4	112,450	4	101,651	4	90,851	4	80,052	4	69,252	4	58,453
1/4		1/4	144,347	1/4	133,726	1/4	123,018	1/4	112,225	1/4	101,426	1/4	90,626	1/4	79,827	1/4	69,027	1/4	58,228
1/2		1/2	144,143	1/2	133,503	1/2	122,795	1/2	112,000	1/2	101,201	1/2	90,401	1/2	79,602	1/2	68,802	1/2	58,003
3/4		3/4	143,940	3/4	133,280	3/4	122,572	3/4	111,775	3/4	100,976	3/4	90,176	3/4	79,377	3/4	68,577	3/4	57,778
5		5	143,737	5	133,057	5	122,349	5	111,550	5	100,751	5	89,951	5	79,152	5	68,352	5	57,553
1/4		1/4	143,515	1/4	132,834	1/4	122,124	1/4	111,325	1/4	100,526	1/4	89,726	1/4	78,927	1/4	68,127	1/4	57,328
1/2		1/2	143,293	1/2	132,611	1/2	121,899	1/2	111,100	1/2	100,301	1/2	89,501	1/2	78,702	1/2	67,902	1/2	57,103
3/4		3/4	143,071	3/4	132,388	3/4	121,674	3/4	110,875	3/4	100,076	3/4	89,276	3/4	78,477	3/4	67,677	3/4	56,878
6		6	142,849	6	132,165	6	121,449	6	110,650	6	99,851	6	89,051	6	78,252	6	67,452	6	56,653
1/4		1/4	142,627	1/4	131,942	1/4	121,224	1/4	110,425	1/4	99,626	1/4	88,826	1/4	78,027	1/4	67,227	1/4	56,428
1/2		1/2	142,406	1/2	131,719	1/2	120,999	1/2	110,200	1/2	99,401	1/2	88,601	1/2	77,802	1/2	67,002	1/2	56,203
3/4		3/4	142,184	3/4	131,496	3/4	120,774	3/4	109,975	3/4	99,176	3/4	88,376	3/4	77,577	3/4	66,777	3/4	55,978
7		7	141,962	7	131,272	7	120,549	7	109,750	7	98,951	7	88,151	7	77,352	7	66,552	7	55,753
1/4		1/4	141,740	1/4	131,049	1/4	120,324	1/4	109,525	1/4	98,726	1/4	87,926	1/4	77,127	1/4	66,327	1/4	55,528
1/2		1/2	141,518	1/2	130,826	1/2	120,099	1/2	109,300	1/2	98,501	1/2	87,701	1/2	76,902	1/2	66,102	1/2	55,303
3/4		3/4	141,296	3/4	130,603	3/4	119,874	3/4	109,075	3/4	98,276	3/4	87,476	3/4	76,677	3/4	65,877	3/4	55,078
8		8	141,074	8	130,380	8	119,649	8	108,850	8	98,051	8	87,251	8	76,452	8	65,652	8	54,853
1/4		1/4	140,852	1/4	130,157	1/4	119,424	1/4	108,625	1/4	97,826	1/4	87,026	1/4	76,227	1/4	65,427	1/4	54,628
1/2		1/2	140,630	1/2	129,934	1/2	119,199	1/2	108,400	1/2	97,601	1/2	86,801	1/2	76,002	1/2	65,202	1/2	54,403
3/4		3/4	140,408	3/4	129,711	3/4	118,974	3/4	108,175	3/4	97,376	3/4	86,576	3/4	75,777	3/4	64,977	3/4	54,178
9		9	140,186	9	129,488	9	118,749	9	107,950	9	97,151	9	86,351	9	75,552	9	64,752	9	53,953
1/4		1/4	139,963	1/4	129,265	1/4	118,524	1/4	107,725	1/4	96,926	1/4	86,126	1/4	75,327	1/4	64,527	1/4	53,728
1/2		1/2	139,740	1/2	129,042	1/2	118,299	1/2	107,500	1/2	96,701	1/2	85,901	1/2	75,102	1/2	64,302	1/2	53,503
3/4		3/4	139,517	3/4	128,818	3/4	118,074	3/4	107,275	3/4	96,476	3/4	85,676	3/4	74,877	3/4	64,077	3/4	53,278
10		10	139,294	10	128,595	10	117,849	10	107,050	10	96,251	10	85,451	10	74,652	10	63,852	10	53,053
1/4		1/4	139,071	1/4	128,372	1/4	117,624	1/4	106,825	1/4	96,026	1/4	85,226	1/4	74,427	1/4	63,627	1/4	52,828
1/2		1/2	138,848	1/2	128,149	1/2	117,399	1/2	106,600	1/2	95,801	1/2	85,001	1/2	74,202	1/2	63,402	1/2	52,603
3/4		3/4	138,625	3/4	127,926	3/4	117,174	3/4	106,375	3/4	95,576	3/4	84,776	3/4	73,977	3/4	63,177	3/4	52,378
11	146,363	11	138,402	11	127,703	11	116,949	11	106,150	11	95,351	11	84,551	11	73,752	11	62,952	11	52,153
1/4	146,347	1/4	138,179	1/4	127,480	1/4	116,724	1/4	105,925	1/4	95,126	1/4	84,326	1/4	73,527	1/4	62,727	1/4	51,928
1/2	146,332	1/2	137,957	1/2	127,257	1/2	116,499	1/2	105,700	1/2	94,901	1/2	84,101	1/2	73,302	1/2	62,502	1/2	51,703
3/4	146,316	3/4	137,734	3/4	127,034	3/4	116,274	3/4	105,475	3/4	94,676	3/4	83,876	3/4	73,077	3/4	62,277	3/4	51,478

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'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 76"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-00"

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	51,253	0	40,454	0	29,654	0	18,866	0	8,086	0	26	0		0		0		0	
1/4	51,028	1/4	40,229	1/4	29,429	1/4	18,642	1/4	7,861	1/4		1/4		1/4		1/4		1/4	
1/2	50,803	1/2	40,004	1/2	29,204	1/2	18,418	1/2	7,636	1/2		1/2		1/2		1/2		1/2	
3/4	50,578	3/4	39,779	3/4	28,979	3/4	18,194	3/4	7,411	3/4		3/4		3/4		3/4		3/4	
1	50,353	1	39,554	1	28,754	1	17,969	1	7,186	1		1		1		1		1	
1/4	50,128	1/4	39,329	1/4	28,529	1/4	17,745	1/4	6,961	1/4		1/4		1/4		1/4		1/4	
1/2	49,903	1/2	39,104	1/2	28,304	1/2	17,521	1/2	6,736	1/2		1/2		1/2		1/2		1/2	
3/4	49,678	3/4	38,879	3/4	28,079	3/4	17,297	3/4	6,512	3/4		3/4		3/4		3/4		3/4	
2	49,453	2	38,654	2	27,854	2	17,073	2	6,287	2		2		2		2		2	
1/4	49,228	1/4	38,429	1/4	27,629	1/4	16,849	1/4	6,062	1/4		1/4		1/4		1/4		1/4	
1/2	49,003	1/2	38,204	1/2	27,404	1/2	16,624	1/2	5,838	1/2		1/2		1/2		1/2		1/2	
3/4	48,778	3/4	37,979	3/4	27,179	3/4	16,400	3/4	5,614	3/4		3/4		3/4		3/4		3/4	
3	48,553	3	37,754	3	26,954	3	16,176	3	5,389	3		3		3		3		3	
1/4	48,328	1/4	37,529	1/4	26,729	1/4	15,952	1/4	5,166	1/4		1/4		1/4		1/4		1/4	
1/2	48,103	1/2	37,304	1/2	26,504	1/2	15,728	1/2	4,942	1/2		1/2		1/2		1/2		1/2	
3/4	47,878	3/4	37,079	3/4	26,279	3/4	15,504	3/4	4,719	3/4		3/4		3/4		3/4		3/4	
4	47,653	4	36,854	4	26,054	4	15,279	4	4,495	4		4		4		4		4	
1/4	47,428	1/4	36,629	1/4	25,829	1/4	15,055	1/4	4,273	1/4		1/4		1/4		1/4		1/4	
1/2	47,203	1/2	36,404	1/2	25,604	1/2	14,831	1/2	4,050	1/2		1/2		1/2		1/2		1/2	
3/4	46,978	3/4	36,179	3/4	25,379	3/4	14,607	3/4	3,828	3/4		3/4		3/4		3/4		3/4	
5	46,753	5	35,954	5	25,154	5	14,383	5	3,605	5		5		5		5		5	
1/4	46,528	1/4	35,729	1/4	24,929	1/4	14,158	1/4	3,385	1/4		1/4		1/4		1/4		1/4	
1/2	46,303	1/2	35,504	1/2	24,704	1/2	13,934	1/2	3,164	1/2		1/2		1/2		1/2		1/2	
3/4	46,078	3/4	35,279	3/4	24,479	3/4	13,709	3/4	2,944	3/4		3/4		3/4		3/4		3/4	
6	45,853	6	35,054	6	24,254	6	13,485	6	2,723	6		6		6		6		6	
1/4	45,628	1/4	34,829	1/4	24,029	1/4	13,260	1/4	2,518	1/4		1/4		1/4		1/4		1/4	
1/2	45,403	1/2	34,604	1/2	23,804	1/2	13,035	1/2	2,312	1/2		1/2		1/2		1/2		1/2	
3/4	45,178	3/4	34,379	3/4	23,579	3/4	12,810	3/4	2,106	3/4		3/4		3/4		3/4		3/4	
7	44,953	7	34,154	7	23,354	7	12,585	7	1,901	7		7		7		7		7	
1/4	44,728	1/4	33,929	1/4	23,129	1/4	12,360	1/4	1,732	1/4		1/4		1/4		1/4		1/4	
1/2	44,503	1/2	33,704	1/2	22,904	1/2	12,135	1/2	1,563	1/2		1/2		1/2		1/2		1/2	
3/4	44,278	3/4	33,479	3/4	22,679	3/4	11,910	3/4	1,395	3/4		3/4		3/4		3/4		3/4	
8	44,053	8	33,254	8	22,454	8	11,685	8	1,226	8		8		8		8		8	
1/4	43,828	1/4	33,029	1/4	22,230	1/4	11,460	1/4	1,095	1/4		1/4		1/4		1/4		1/4	
1/2	43,603	1/2	32,804	1/2	22,005	1/2	11,235	1/2	963	1/2		1/2		1/2		1/2		1/2	
3/4	43,378	3/4	32,579	3/4	21,781	3/4	11,010	3/4	832	3/4		3/4		3/4		3/4		3/4	
9	43,153	9	32,354	9	21,556	9	10,785	9	701	9		9		9		9		9	
1/4	42,928	1/4	32,129	1/4	21,332	1/4	10,560	1/4	607	1/4		1/4		1/4		1/4		1/4	
1/2	42,703	1/2	31,904	1/2	21,108	1/2	10,335	1/2	514	1/2		1/2		1/2		1/2		1/2	
3/4	42,478	3/4	31,679	3/4	20,884	3/4	10,110	3/4	420	3/4		3/4		3/4		3/4		3/4	
10	42,253	10	31,454	10	20,660	10	9,885	10	326	10		10		10		10		10	
1/4	42,028	1/4	31,229	1/4	20,435	1/4	9,660	1/4	270	1/4		1/4		1/4		1/4		1/4	
1/2	41,803	1/2	31,004	1/2	20,211	1/2	9,435	1/2	214	1/2		1/2		1/2		1/2		1/2	
3/4	41,578	3/4	30,779	3/4	19,987	3/4	9,210	3/4	157	3/4		3/4		3/4		3/4		3/4	
11	41,354	11	30,554	11	19,763	11	8,986	11	101	11		11		11		11		11	
1/4	41,129	1/4	30,329	1/4	19,539	1/4	8,761	1/4	82	1/4		1/4		1/4		1/4		1/4	
1/2	40,904	1/2	30,104	1/2	19,315	1/2	8,536	1/2	64	1/2		1/2		1/2		1/2		1/2	
3/4	40,679	3/4	29,879	3/4	19,090	3/4	8,311	3/4	45	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 10/17/2007 CL - SW
CALCULATED: 10/20/2007 CL
PRINTED: 10/20/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/20/07

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