



BARGE "CBC 1365"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4

(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 3 CENTER IS - 00-3/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

July 30, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 1365"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,086	0	18,869	0	29,500	0	40,162	0	50,916	0	61,670	0	72,401	0	83,134	0	93,892
1/4	58	1/4	8,311	1/4	19,093	1/4	29,719	1/4	40,386	1/4	51,140	1/4	61,894	1/4	72,624	1/4	83,359	1/4	94,116
1/2	77	1/2	8,536	1/2	19,318	1/2	29,937	1/2	40,610	1/2	51,364	1/2	62,118	1/2	72,847	1/2	83,583	1/2	94,340
3/4	95	3/4	8,760	3/4	19,542	3/4	30,155	3/4	40,834	3/4	51,588	3/4	62,343	3/4	73,070	3/4	83,807	3/4	94,564
1	114	1	8,985	1	19,767	1	30,373	1	41,058	1	51,812	1	62,567	1	73,292	1	84,031	1	94,789
1/4	170	1/4	9,209	1/4	19,992	1/4	30,592	1/4	41,282	1/4	52,036	1/4	62,791	1/4	73,515	1/4	84,255	1/4	95,013
1/2	226	1/2	9,434	1/2	20,216	1/2	30,810	1/2	41,506	1/2	52,260	1/2	63,015	1/2	73,738	1/2	84,479	1/2	95,237
3/4	283	3/4	9,659	3/4	20,441	3/4	31,028	3/4	41,730	3/4	52,484	3/4	63,239	3/4	73,960	3/4	84,703	3/4	95,461
2	339	2	9,883	2	20,666	2	31,246	2	41,954	2	52,708	2	63,463	2	74,183	2	84,927	2	95,685
1/4	432	1/4	10,108	1/4	20,890	1/4	31,465	1/4	42,178	1/4	52,933	1/4	63,687	1/4	74,406	1/4	85,152	1/4	95,909
1/2	526	1/2	10,333	1/2	21,115	1/2	31,683	1/2	42,402	1/2	53,157	1/2	63,911	1/2	74,629	1/2	85,376	1/2	96,133
3/4	620	3/4	10,557	3/4	21,339	3/4	31,901	3/4	42,626	3/4	53,381	3/4	64,135	3/4	74,851	3/4	85,600	3/4	96,357
3	713	3	10,782	3	21,564	3	32,119	3	42,850	3	53,605	3	64,359	3	75,074	3	85,824	3	96,581
1/4	844	1/4	11,006	1/4	21,789	1/4	32,338	1/4	43,074	1/4	53,829	1/4	64,583	1/4	75,297	1/4	86,048	1/4	96,806
1/2	975	1/2	11,231	1/2	22,013	1/2	32,556	1/2	43,298	1/2	54,053	1/2	64,807	1/2	75,519	1/2	86,272	1/2	97,030
3/4	1,106	3/4	11,456	3/4	22,238	3/4	32,774	3/4	43,523	3/4	54,277	3/4	65,031	3/4	75,742	3/4	86,496	3/4	97,254
4	1,237	4	11,680	4	22,463	4	32,992	4	43,747	4	54,501	4	65,255	4	75,965	4	86,720	4	97,478
1/4	1,406	1/4	11,905	1/4	22,687	1/4	33,216	1/4	43,971	1/4	54,725	1/4	65,479	1/4	76,188	1/4	86,944	1/4	97,702
1/2	1,574	1/2	12,130	1/2	22,912	1/2	33,440	1/2	44,195	1/2	54,949	1/2	65,703	1/2	76,411	1/2	87,169	1/2	97,926
3/4	1,742	3/4	12,354	3/4	23,136	3/4	33,664	3/4	44,419	3/4	55,173	3/4	65,927	3/4	76,635	3/4	87,393	3/4	98,150
5	1,911	5	12,579	5	23,361	5	33,888	5	44,643	5	55,397	5	66,151	5	76,858	5	87,617	5	98,374
1/4	2,116	1/4	12,804	1/4	23,586	1/4	34,112	1/4	44,867	1/4	55,621	1/4	66,375	1/4	77,082	1/4	87,841	1/4	98,599
1/2	2,321	1/2	13,028	1/2	23,810	1/2	34,337	1/2	45,091	1/2	55,845	1/2	66,599	1/2	77,307	1/2	88,065	1/2	98,823
3/4	2,527	3/4	13,253	3/4	24,035	3/4	34,561	3/4	45,315	3/4	56,069	3/4	66,824	3/4	77,531	3/4	88,289	3/4	99,047
6	2,732	6	13,477	6	24,260	6	34,785	6	45,539	6	56,293	6	67,048	6	77,755	6	88,513	6	99,271
1/4	2,952	1/4	13,702	1/4	24,478	1/4	35,009	1/4	45,763	1/4	56,517	1/4	67,271	1/4	77,979	1/4	88,737	1/4	99,495
1/2	3,172	1/2	13,927	1/2	24,697	1/2	35,233	1/2	45,987	1/2	56,741	1/2	67,494	1/2	78,203	1/2	88,962	1/2	99,719
3/4	3,393	3/4	14,151	3/4	24,915	3/4	35,457	3/4	46,211	3/4	56,965	3/4	67,718	3/4	78,427	3/4	89,186	3/4	99,943
7	3,613	7	14,376	7	25,134	7	35,681	7	46,435	7	57,189	7	67,941	7	78,651	7	89,410	7	100,167
1/4	3,835	1/4	14,601	1/4	25,353	1/4	35,905	1/4	46,659	1/4	57,413	1/4	68,165	1/4	78,876	1/4	89,634	1/4	100,391
1/2	4,057	1/2	14,825	1/2	25,571	1/2	36,129	1/2	46,883	1/2	57,638	1/2	68,388	1/2	79,100	1/2	89,858	1/2	100,616
3/4	4,279	3/4	15,050	3/4	25,790	3/4	36,353	3/4	47,107	3/4	57,862	3/4	68,612	3/4	79,324	3/4	90,082	3/4	100,840
8	4,501	8	15,274	8	26,009	8	36,577	8	47,331	8	58,086	8	68,835	8	79,548	8	90,306	8	101,064
1/4	4,724	1/4	15,499	1/4	26,227	1/4	36,801	1/4	47,555	1/4	58,310	1/4	69,059	1/4	79,772	1/4	90,530	1/4	101,288
1/2	4,948	1/2	15,724	1/2	26,445	1/2	37,025	1/2	47,779	1/2	58,534	1/2	69,282	1/2	79,996	1/2	90,754	1/2	101,512
3/4	5,171	3/4	15,948	3/4	26,663	3/4	37,249	3/4	48,003	3/4	58,758	3/4	69,506	3/4	80,221	3/4	90,979	3/4	101,736
9	5,394	9	16,173	9	26,882	9	37,473	9	48,228	9	58,982	9	69,729	9	80,445	9	91,203	9	101,960
1/4	5,618	1/4	16,398	1/4	27,100	1/4	37,697	1/4	48,452	1/4	59,206	1/4	69,952	1/4	80,669	1/4	91,427	1/4	102,184
1/2	5,842	1/2	16,622	1/2	27,318	1/2	37,921	1/2	48,676	1/2	59,430	1/2	70,174	1/2	80,893	1/2	91,651	1/2	102,409
3/4	6,066	3/4	16,847	3/4	27,536	3/4	38,145	3/4	48,900	3/4	59,654	3/4	70,397	3/4	81,117	3/4	91,875	3/4	102,633
10	6,290	10	17,071	10	27,755	10	38,369	10	49,124	10	59,878	10	70,620	10	81,341	10	92,099	10	102,857
1/4	6,515	1/4	17,296	1/4	27,973	1/4	38,593	1/4	49,348	1/4	60,102	1/4	70,843	1/4	81,565	1/4	92,323	1/4	103,081
1/2	6,739	1/2	17,521	1/2	28,191	1/2	38,818	1/2	49,572	1/2	60,326	1/2	71,065	1/2	81,790	1/2	92,547	1/2	103,305
3/4	6,963	3/4	17,745	3/4	28,409	3/4	39,042	3/4	49,796	3/4	60,550	3/4	71,288	3/4	82,014	3/4	92,771	3/4	103,529
11	7,188	11	17,970	11	28,627	11	39,266	11	50,020	11	60,774	11	71,511	11	82,238	11	92,996	11	103,753
1/4	7,412	1/4	18,195	1/4	28,846	1/4	39,490	1/4	50,244	1/4	60,998	1/4	71,733	1/4	82,462	1/4	93,220	1/4	103,977
1/2	7,637	1/2	18,419	1/2	29,064	1/2	39,714	1/2	50,468	1/2	61,222	1/2	71,956	1/2	82,686	1/2	93,444	1/2	104,201
3/4	7,862	3/4	18,644	3/4	29,282	3/4	39,938	3/4	50,692	3/4	61,446	3/4	72,179	3/4	82,910	3/4	93,668	3/4	104,426

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1365"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,650	0	114,744	0	124,198	0	133,610	0	143,006	0		0		0		0		0	
1/4	104,874	1/4	114,941	1/4	124,395	1/4	133,807	1/4	143,200	1/4		1/4		1/4		1/4		1/4	
1/2	105,097	1/2	115,138	1/2	124,591	1/2	134,003	1/2	143,395	1/2		1/2		1/2		1/2		1/2	
3/4	105,321	3/4	115,335	3/4	124,788	3/4	134,200	3/4	143,589	3/4		3/4		3/4		3/4		3/4	
1	105,545	1	115,532	1	124,984	1	134,396	1	143,783	1		1		1		1		1	
1/4	105,769	1/4	115,729	1/4	125,180	1/4	134,592	1/4	143,978	1/4		1/4		1/4		1/4		1/4	
1/2	105,993	1/2	115,926	1/2	125,377	1/2	134,789	1/2	144,172	1/2		1/2		1/2		1/2		1/2	
3/4	106,217	3/4	116,123	3/4	125,573	3/4	134,985	3/4	144,367	3/4		3/4		3/4		3/4		3/4	
2	106,441	2	116,320	2	125,770	2	135,182	2	144,561	2		2		2		2		2	
1/4	106,665	1/4	116,517	1/4	125,966	1/4	135,378	1/4	144,764	1/4		1/4		1/4		1/4		1/4	
1/2	106,888	1/2	116,714	1/2	126,163	1/2	135,575	1/2	144,967	1/2		1/2		1/2		1/2		1/2	
3/4	107,112	3/4	116,911	3/4	126,359	3/4	135,771	3/4	145,171	3/4		3/4		3/4		3/4		3/4	
3	107,336	3	117,108	3	126,556	3	135,967	3	145,374	3		3		3		3		3	
1/4	107,560	1/4	117,305	1/4	126,752	1/4	136,164	1/4	145,540	1/4		1/4		1/4		1/4		1/4	
1/2	107,784	1/2	117,502	1/2	126,948	1/2	136,360	1/2	145,706	1/2		1/2		1/2		1/2		1/2	
3/4	108,008	3/4	117,699	3/4	127,145	3/4	136,557	3/4	145,871	3/4		3/4		3/4		3/4		3/4	
4	108,232	4	117,896	4	127,341	4	136,753	4	146,037	4		4		4		4		4	
1/4	108,455	1/4	118,093	1/4	127,538	1/4	136,950	1/4	146,166	1/4		1/4		1/4		1/4		1/4	
1/2	108,679	1/2	118,290	1/2	127,734	1/2	137,146	1/2	146,294	1/2		1/2		1/2		1/2		1/2	
3/4	108,903	3/4	118,487	3/4	127,931	3/4	137,343	3/4	146,422	3/4		3/4		3/4		3/4		3/4	
5	109,127	5	118,684	5	128,127	5	137,539	5	146,551	5		5		5		5		5	
1/4	109,351	1/4	118,880	1/4	128,323	1/4	137,735	1/4	146,642	1/4		1/4		1/4		1/4		1/4	
1/2	109,575	1/2	119,077	1/2	128,520	1/2	137,932	1/2	146,733	1/2		1/2		1/2		1/2		1/2	
3/4	109,799	3/4	119,274	3/4	128,716	3/4	138,128	3/4	146,824	3/4		3/4		3/4		3/4		3/4	
6	110,023	6	119,471	6	128,913	6	138,325	6	146,914	6		6		6		6		6	
1/4	110,219	1/4	119,668	1/4	129,108	1/4	138,521	1/4	146,968	1/4		1/4		1/4		1/4		1/4	
1/2	110,416	1/2	119,865	1/2	129,304	1/2	138,718	1/2	147,021	1/2		1/2		1/2		1/2		1/2	
3/4	110,613	3/4	120,062	3/4	129,500	3/4	138,914	3/4	147,075	3/4		3/4		3/4		3/4		3/4	
7	110,810	7	120,259	7	129,696	7	139,110	7	147,128	7		7		7		7		7	
1/4	111,006	1/4	120,456	1/4	129,891	1/4	139,307	1/4	147,145	1/4		1/4		1/4		1/4		1/4	
1/2	111,203	1/2	120,653	1/2	130,087	1/2	139,503	1/2	147,161	1/2		1/2		1/2		1/2		1/2	
3/4	111,400	3/4	120,850	3/4	130,283	3/4	139,700	3/4	147,177	3/4		3/4		3/4		3/4		3/4	
8	111,596	8	121,047	8	130,479	8	139,896	8	147,193	8		8		8		8		8	
1/4	111,793	1/4	121,244	1/4	130,674	1/4	140,091	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	111,990	1/2	121,441	1/2	130,870	1/2	140,285	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,187	3/4	121,638	3/4	131,066	3/4	140,479	3/4		3/4		3/4		3/4		3/4		3/4	
9	112,383	9	121,835	9	131,261	9	140,674	9		9		9		9		9		9	
1/4	112,580	1/4	122,032	1/4	131,457	1/4	140,868	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	112,777	1/2	122,229	1/2	131,653	1/2	141,062	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	112,974	3/4	122,426	3/4	131,849	3/4	141,257	3/4		3/4		3/4		3/4		3/4		3/4	
10	113,170	10	122,623	10	132,044	10	141,451	10		10		10		10		10		10	
1/4	113,367	1/4	122,820	1/4	132,240	1/4	141,645	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113,564	1/2	123,017	1/2	132,436	1/2	141,840	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113,761	3/4	123,214	3/4	132,632	3/4	142,034	3/4		3/4		3/4		3/4		3/4		3/4	
11	113,957	11	123,410	11	132,827	11	142,229	11		11		11		11		11		11	
1/4	114,154	1/4	123,607	1/4	133,023	1/4	142,423	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	114,351	1/2	123,804	1/2	133,219	1/2	142,617	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	114,548	3/4	124,001	3/4	133,415	3/4	142,812	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2013 CL
CALCULATED: 07/30/2013 CL
PRINTED: 07/30/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1365"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	9,050	0	21,122	0	33,048	0	44,974	0	57,048	0	69,121	0	81,194	0	93,267	0	105,338
1/4	60	1/4	9,301	1/4	21,374	1/4	33,292	1/4	45,226	1/4	57,299	1/4	69,372	1/4	81,445	1/4	93,518	1/4	105,589
1/2	81	1/2	9,553	1/2	21,625	1/2	33,537	1/2	45,478	1/2	57,551	1/2	69,624	1/2	81,697	1/2	93,770	1/2	105,841
3/4	102	3/4	9,804	3/4	21,877	3/4	33,781	3/4	45,729	3/4	57,802	3/4	69,875	3/4	81,948	3/4	94,021	3/4	106,092
1	123	1	10,056	1	22,128	1	34,025	1	45,981	1	58,054	1	70,127	1	82,200	1	94,273	1	106,344
1/4	186	1/4	10,307	1/4	22,380	1/4	34,269	1/4	46,232	1/4	58,305	1/4	70,378	1/4	82,451	1/4	94,524	1/4	106,595
1/2	249	1/2	10,559	1/2	22,631	1/2	34,513	1/2	46,484	1/2	58,557	1/2	70,630	1/2	82,703	1/2	94,776	1/2	106,847
3/4	312	3/4	10,810	3/4	22,883	3/4	34,757	3/4	46,735	3/4	58,808	3/4	70,881	3/4	82,954	3/4	95,027	3/4	107,098
2	375	2	11,062	2	23,134	2	35,001	2	46,987	2	59,060	2	71,133	2	83,206	2	95,279	2	107,350
1/4	479	1/4	11,313	1/4	23,386	1/4	35,245	1/4	47,238	1/4	59,311	1/4	71,384	1/4	83,457	1/4	95,530	1/4	107,601
1/2	584	1/2	11,565	1/2	23,638	1/2	35,489	1/2	47,490	1/2	59,563	1/2	71,636	1/2	83,709	1/2	95,782	1/2	107,853
3/4	689	3/4	11,816	3/4	23,889	3/4	35,733	3/4	47,741	3/4	59,814	3/4	71,887	3/4	83,960	3/4	96,033	3/4	108,104
3	794	3	12,068	3	24,141	3	35,978	3	47,993	3	60,066	3	72,139	3	84,212	3	96,284	3	108,355
1/4	940	1/4	12,319	1/4	24,392	1/4	36,222	1/4	48,244	1/4	60,317	1/4	72,390	1/4	84,463	1/4	96,536	1/4	108,607
1/2	1,087	1/2	12,571	1/2	24,644	1/2	36,466	1/2	48,496	1/2	60,569	1/2	72,642	1/2	84,715	1/2	96,787	1/2	108,858
3/4	1,234	3/4	12,822	3/4	24,895	3/4	36,710	3/4	48,747	3/4	60,820	3/4	72,893	3/4	84,967	3/4	97,039	3/4	109,110
4	1,381	4	13,074	4	25,147	4	36,954	4	48,999	4	61,072	4	73,145	4	85,218	4	97,290	4	109,361
1/4	1,569	1/4	13,325	1/4	25,398	1/4	37,198	1/4	49,250	1/4	61,323	1/4	73,396	1/4	85,470	1/4	97,542	1/4	109,613
1/2	1,758	1/2	13,577	1/2	25,650	1/2	37,443	1/2	49,502	1/2	61,575	1/2	73,648	1/2	85,721	1/2	97,793	1/2	109,864
3/4	1,946	3/4	13,829	3/4	25,901	3/4	37,687	3/4	49,753	3/4	61,826	3/4	73,900	3/4	85,973	3/4	98,045	3/4	110,116
5	2,135	5	14,080	5	26,153	5	37,932	5	50,005	5	62,078	5	74,151	5	86,224	5	98,296	5	110,367
1/4	2,365	1/4	14,332	1/4	26,404	1/4	38,183	1/4	50,256	1/4	62,330	1/4	74,403	1/4	86,476	1/4	98,548	1/4	110,619
1/2	2,595	1/2	14,583	1/2	26,656	1/2	38,435	1/2	50,508	1/2	62,581	1/2	74,654	1/2	86,727	1/2	98,799	1/2	110,870
3/4	2,825	3/4	14,835	3/4	26,907	3/4	38,686	3/4	50,759	3/4	62,833	3/4	74,906	3/4	86,979	3/4	99,051	3/4	111,122
6	3,055	6	15,086	6	27,159	6	38,938	6	51,011	6	63,084	6	75,157	6	87,230	6	99,302	6	111,373
1/4	3,301	1/4	15,338	1/4	27,410	1/4	39,189	1/4	51,263	1/4	63,336	1/4	75,409	1/4	87,482	1/4	99,554	1/4	111,625
1/2	3,548	1/2	15,589	1/2	27,662	1/2	39,441	1/2	51,514	1/2	63,587	1/2	75,660	1/2	87,733	1/2	99,805	1/2	111,876
3/4	3,794	3/4	15,841	3/4	27,913	3/4	39,693	3/4	51,766	3/4	63,839	3/4	75,912	3/4	87,985	3/4	100,057	3/4	112,128
7	4,041	7	16,092	7	28,165	7	39,944	7	52,017	7	64,090	7	76,163	7	88,236	7	100,308	7	112,379
1/4	4,289	1/4	16,344	1/4	28,409	1/4	40,196	1/4	52,269	1/4	64,342	1/4	76,415	1/4	88,488	1/4	100,560	1/4	112,631
1/2	4,538	1/2	16,595	1/2	28,654	1/2	40,447	1/2	52,520	1/2	64,593	1/2	76,666	1/2	88,739	1/2	100,811	1/2	112,882
3/4	4,787	3/4	16,847	3/4	28,898	3/4	40,699	3/4	52,772	3/4	64,845	3/4	76,918	3/4	88,991	3/4	101,063	3/4	113,134
8	5,036	8	17,098	8	29,143	8	40,950	8	53,023	8	65,096	8	77,169	8	89,242	8	101,314	8	113,385
1/4	5,285	1/4	17,350	1/4	29,387	1/4	41,202	1/4	53,275	1/4	65,348	1/4	77,421	1/4	89,494	1/4	101,566	1/4	113,637
1/2	5,535	1/2	17,601	1/2	29,631	1/2	41,453	1/2	53,526	1/2	65,599	1/2	77,672	1/2	89,745	1/2	101,817	1/2	113,888
3/4	5,785	3/4	17,853	3/4	29,875	3/4	41,705	3/4	53,778	3/4	65,851	3/4	77,924	3/4	89,997	3/4	102,069	3/4	114,139
9	6,035	9	18,104	9	30,119	9	41,956	9	54,029	9	66,102	9	78,175	9	90,248	9	102,320	9	114,391
1/4	6,286	1/4	18,356	1/4	30,363	1/4	42,208	1/4	54,281	1/4	66,354	1/4	78,427	1/4	90,500	1/4	102,571	1/4	114,642
1/2	6,537	1/2	18,607	1/2	30,607	1/2	42,459	1/2	54,532	1/2	66,605	1/2	78,678	1/2	90,752	1/2	102,823	1/2	114,894
3/4	6,788	3/4	18,859	3/4	30,851	3/4	42,711	3/4	54,784	3/4	66,857	3/4	78,930	3/4	91,003	3/4	103,074	3/4	115,145
10	7,039	10	19,110	10	31,095	10	42,962	10	55,035	10	67,108	10	79,182	10	91,255	10	103,326	10	115,397
1/4	7,290	1/4	19,362	1/4	31,340	1/4	43,214	1/4	55,287	1/4	67,360	1/4	79,433	1/4	91,506	1/4	103,577	1/4	115,648
1/2	7,541	1/2	19,613	1/2	31,584	1/2	43,465	1/2	55,538	1/2	67,611	1/2	79,685	1/2	91,758	1/2	103,829	1/2	115,900
3/4	7,792	3/4	19,865	3/4	31,828	3/4	43,717	3/4	55,790	3/4	67,863	3/4	79,936	3/4	92,009	3/4	104,080	3/4	116,151
11	8,044	11	20,116	11	32,072	11	43,968	11	56,041	11	68,115	11	80,188	11	92,261	11	104,332	11	116,403
1/4	8,295	1/4	20,368	1/4	32,316	1/4	44,220	1/4	56,293	1/4	68,366	1/4	80,439	1/4	92,512	1/4	104,583	1/4	116,654
1/2	8,547	1/2	20,619	1/2	32,560	1/2	44,471	1/2	56,545	1/2	68,618	1/2	80,691	1/2	92,764	1/2	104,835	1/2	116,906
3/4	8,798	3/4	20,871	3/4	32,804	3/4	44,723	3/4	56,796	3/4	68,869	3/4	80,942	3/4	93,015	3/4	105,086	3/4	117,157

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1365"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	117,409	0	129,480	0	141,551	0	153,555	0	165,521	0		0		0		0		0	
1/4	117,660	1/4	129,731	1/4	141,801	1/4	153,805	1/4	165,769	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	117,912	1/2	129,983	1/2	142,051	1/2	154,055	1/2	166,017	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	118,163	3/4	130,234	3/4	142,301	3/4	154,305	3/4	166,265	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	118,415	1	130,486	1	142,551	1	154,555	1	166,513	1	1	1	1	1	1	1	1	1	1
1/4	118,666	1/4	130,737	1/4	142,801	1/4	154,805	1/4	166,760	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	118,918	1/2	130,989	1/2	143,051	1/2	155,055	1/2	167,008	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	119,169	3/4	131,240	3/4	143,301	3/4	155,305	3/4	167,256	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	119,421	2	131,492	2	143,551	2	155,555	2	167,504	2	2	2	2	2	2	2	2	2	2
1/4	119,672	1/4	131,743	1/4	143,801	1/4	155,805	1/4	167,730	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	119,924	1/2	131,995	1/2	144,052	1/2	156,055	1/2	167,957	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	120,175	3/4	132,246	3/4	144,302	3/4	156,305	3/4	168,184	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	120,426	3	132,497	3	144,552	3	156,556	3	168,411	3	3	3	3	3	3	3	3	3	3
1/4	120,678	1/4	132,749	1/4	144,802	1/4	156,806	1/4	168,596	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	120,929	1/2	133,000	1/2	145,052	1/2	157,056	1/2	168,781	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	121,181	3/4	133,252	3/4	145,302	3/4	157,306	3/4	168,966	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	121,432	4	133,503	4	145,552	4	157,556	4	169,150	4	4	4	4	4	4	4	4	4	4
1/4	121,684	1/4	133,755	1/4	145,802	1/4	157,806	1/4	169,293	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	121,935	1/2	134,006	1/2	146,052	1/2	158,056	1/2	169,436	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	122,187	3/4	134,258	3/4	146,302	3/4	158,306	3/4	169,579	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	122,438	5	134,509	5	146,552	5	158,556	5	169,722	5	5	5	5	5	5	5	5	5	5
1/4	122,690	1/4	134,761	1/4	146,802	1/4	158,806	1/4	169,823	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122,941	1/2	135,012	1/2	147,052	1/2	159,056	1/2	169,924	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	123,193	3/4	135,264	3/4	147,303	3/4	159,306	3/4	170,025	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	123,444	6	135,515	6	147,553	6	159,557	6	170,127	6	6	6	6	6	6	6	6	6	6
1/4	123,696	1/4	135,767	1/4	147,803	1/4	159,807	1/4	170,186	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	123,947	1/2	136,018	1/2	148,053	1/2	160,057	1/2	170,245	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	124,199	3/4	136,270	3/4	148,303	3/4	160,307	3/4	170,304	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	124,450	7	136,521	7	148,553	7	160,557	7	170,363	7	7	7	7	7	7	7	7	7	7
1/4	124,702	1/4	136,773	1/4	148,803	1/4	160,807	1/4	170,380	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	124,953	1/2	137,024	1/2	149,053	1/2	161,057	1/2	170,397	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	125,205	3/4	137,276	3/4	149,303	3/4	161,307	3/4	170,415	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	125,456	8	137,527	8	149,553	8	161,557	8	170,432	8	8	8	8	8	8	8	8	8	8
1/4	125,708	1/4	137,779	1/4	149,803	1/4	161,805	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	125,959	1/2	138,030	1/2	150,053	1/2	162,053	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	126,210	3/4	138,281	3/4	150,304	3/4	162,300	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	126,462	9	138,533	9	150,554	9	162,548	9		9	9	9	9	9	9	9	9	9	9
1/4	126,713	1/4	138,784	1/4	150,804	1/4	162,796	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126,965	1/2	139,036	1/2	151,054	1/2	163,044	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	127,216	3/4	139,287	3/4	151,304	3/4	163,292	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	127,468	10	139,539	10	151,554	10	163,539	10		10	10	10	10	10	10	10	10	10	10
1/4	127,719	1/4	139,790	1/4	151,804	1/4	163,787	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	127,971	1/2	140,042	1/2	152,054	1/2	164,035	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	128,222	3/4	140,293	3/4	152,304	3/4	164,283	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	128,474	11	140,545	11	152,554	11	164,530	11		11	11	11	11	11	11	11	11	11	11
1/4	128,725	1/4	140,796	1/4	152,804	1/4	164,778	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	128,977	1/2	141,048	1/2	153,054	1/2	165,026	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	129,228	3/4	141,299	3/4	153,305	3/4	165,274	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2013 CL
CALCULATED: 07/30/2013 CL
PRINTED: 07/30/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1365"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	39	0	8,019	0	18,711	0	29,389	0	40,070	0	50,763	0	61,455	0	72,148	0	82,840	0	93,531
1/4	58	1/4	8,242	1/4	18,934	1/4	29,611	1/4	40,293	1/4	50,986	1/4	61,678	1/4	72,371	1/4	83,063	1/4	93,754
1/2	76	1/2	8,465	1/2	19,157	1/2	29,833	1/2	40,516	1/2	51,208	1/2	61,901	1/2	72,593	1/2	83,286	1/2	93,976
3/4	95	3/4	8,688	3/4	19,380	3/4	30,055	3/4	40,739	3/4	51,431	3/4	62,124	3/4	72,816	3/4	83,508	3/4	94,199
1	113	1	8,910	1	19,602	1	30,277	1	40,961	1	51,654	1	62,346	1	73,039	1	83,731	1	94,422
1/4	169	1/4	9,133	1/4	19,825	1/4	30,499	1/4	41,184	1/4	51,877	1/4	62,569	1/4	73,262	1/4	83,954	1/4	94,645
1/2	225	1/2	9,356	1/2	20,048	1/2	30,722	1/2	41,407	1/2	52,099	1/2	62,792	1/2	73,484	1/2	84,177	1/2	94,867
3/4	280	3/4	9,579	3/4	20,271	3/4	30,944	3/4	41,630	3/4	52,322	3/4	63,015	3/4	73,707	3/4	84,399	3/4	95,090
2	336	2	9,801	2	20,493	2	31,166	2	41,852	2	52,545	2	63,237	2	73,930	2	84,622	2	95,313
1/4	429	1/4	10,024	1/4	20,716	1/4	31,388	1/4	42,075	1/4	52,768	1/4	63,460	1/4	74,153	1/4	84,845	1/4	95,536
1/2	522	1/2	10,247	1/2	20,939	1/2	31,610	1/2	42,298	1/2	52,990	1/2	63,683	1/2	74,375	1/2	85,068	1/2	95,758
3/4	615	3/4	10,470	3/4	21,162	3/4	31,832	3/4	42,521	3/4	53,213	3/4	63,906	3/4	74,598	3/4	85,290	3/4	95,981
3	707	3	10,692	3	21,384	3	32,054	3	42,743	3	53,436	3	64,128	3	74,821	3	85,513	3	96,204
1/4	837	1/4	10,915	1/4	21,607	1/4	32,276	1/4	42,966	1/4	53,659	1/4	64,351	1/4	75,044	1/4	85,736	1/4	96,426
1/2	967	1/2	11,138	1/2	21,830	1/2	32,498	1/2	43,189	1/2	53,881	1/2	64,574	1/2	75,266	1/2	85,958	1/2	96,649
3/4	1,097	3/4	11,361	3/4	22,053	3/4	32,720	3/4	43,412	3/4	54,104	3/4	64,797	3/4	75,489	3/4	86,181	3/4	96,872
4	1,227	4	11,583	4	22,275	4	32,942	4	43,634	4	54,327	4	65,019	4	75,712	4	86,404	4	97,095
1/4	1,394	1/4	11,806	1/4	22,498	1/4	33,165	1/4	43,857	1/4	54,550	1/4	65,242	1/4	75,935	1/4	86,627	1/4	97,317
1/2	1,561	1/2	12,029	1/2	22,721	1/2	33,388	1/2	44,080	1/2	54,772	1/2	65,465	1/2	76,157	1/2	86,849	1/2	97,540
3/4	1,728	3/4	12,252	3/4	22,944	3/4	33,610	3/4	44,303	3/4	54,995	3/4	65,688	3/4	76,380	3/4	87,072	3/4	97,763
5	1,895	5	12,474	5	23,166	5	33,833	5	44,526	5	55,218	5	65,911	5	76,603	5	87,295	5	97,985
1/4	2,099	1/4	12,697	1/4	23,389	1/4	34,056	1/4	44,748	1/4	55,441	1/4	66,133	1/4	76,826	1/4	87,517	1/4	98,208
1/2	2,303	1/2	12,920	1/2	23,612	1/2	34,279	1/2	44,971	1/2	55,664	1/2	66,356	1/2	77,049	1/2	87,740	1/2	98,431
3/4	2,506	3/4	13,143	3/4	23,835	3/4	34,501	3/4	45,194	3/4	55,886	3/4	66,579	3/4	77,271	3/4	87,963	3/4	98,654
6	2,710	6	13,365	6	24,057	6	34,724	6	45,417	6	56,109	6	66,802	6	77,494	6	88,186	6	98,876
1/4	2,928	1/4	13,588	1/4	24,280	1/4	34,947	1/4	45,639	1/4	56,332	1/4	67,024	1/4	77,717	1/4	88,408	1/4	99,099
1/2	3,146	1/2	13,811	1/2	24,502	1/2	35,170	1/2	45,862	1/2	56,555	1/2	67,247	1/2	77,940	1/2	88,631	1/2	99,322
3/4	3,365	3/4	14,034	3/4	24,725	3/4	35,392	3/4	46,085	3/4	56,777	3/4	67,470	3/4	78,162	3/4	88,854	3/4	99,545
7	3,583	7	14,256	7	24,947	7	35,615	7	46,308	7	57,000	7	67,693	7	78,385	7	89,077	7	99,767
1/4	3,803	1/4	14,479	1/4	25,169	1/4	35,838	1/4	46,530	1/4	57,223	1/4	67,915	1/4	78,608	1/4	89,299	1/4	99,990
1/2	4,024	1/2	14,702	1/2	25,392	1/2	36,061	1/2	46,753	1/2	57,446	1/2	68,138	1/2	78,831	1/2	89,522	1/2	100,213
3/4	4,244	3/4	14,925	3/4	25,614	3/4	36,283	3/4	46,976	3/4	57,668	3/4	68,361	3/4	79,053	3/4	89,745	3/4	100,435
8	4,464	8	15,147	8	25,837	8	36,506	8	47,199	8	57,891	8	68,584	8	79,276	8	89,967	8	100,658
1/4	4,685	1/4	15,370	1/4	26,059	1/4	36,729	1/4	47,421	1/4	58,114	1/4	68,806	1/4	79,499	1/4	90,190	1/4	100,881
1/2	4,907	1/2	15,593	1/2	26,281	1/2	36,952	1/2	47,644	1/2	58,337	1/2	69,029	1/2	79,722	1/2	90,413	1/2	101,104
3/4	5,128	3/4	15,816	3/4	26,503	3/4	37,174	3/4	47,867	3/4	58,559	3/4	69,252	3/4	79,944	3/4	90,636	3/4	101,326
9	5,350	9	16,038	9	26,725	9	37,397	9	48,090	9	58,782	9	69,475	9	80,167	9	90,858	9	101,549
1/4	5,572	1/4	16,261	1/4	26,947	1/4	37,620	1/4	48,312	1/4	59,005	1/4	69,697	1/4	80,390	1/4	91,081	1/4	101,772
1/2	5,794	1/2	16,484	1/2	27,169	1/2	37,843	1/2	48,535	1/2	59,228	1/2	69,920	1/2	80,613	1/2	91,304	1/2	101,994
3/4	6,016	3/4	16,707	3/4	27,391	3/4	38,065	3/4	48,758	3/4	59,450	3/4	70,143	3/4	80,835	3/4	91,526	3/4	102,217
10	6,238	10	16,929	10	27,613	10	38,288	10	48,981	10	59,673	10	70,366	10	81,058	10	91,749	10	102,440
1/4	6,461	1/4	17,152	1/4	27,835	1/4	38,511	1/4	49,203	1/4	59,896	1/4	70,588	1/4	81,281	1/4	91,972	1/4	102,663
1/2	6,683	1/2	17,375	1/2	28,057	1/2	38,734	1/2	49,426	1/2	60,119	1/2	70,811	1/2	81,504	1/2	92,195	1/2	102,885
3/4	6,906	3/4	17,598	3/4	28,279	3/4	38,957	3/4	49,649	3/4	60,342	3/4	71,034	3/4	81,727	3/4	92,417	3/4	103,108
11	7,128	11	17,820	11	28,501	11	39,179	11	49,872	11	60,564	11	71,257	11	81,949	11	92,640	11	103,331
1/4	7,351	1/4	18,043	1/4	28,723	1/4	39,402	1/4	50,095	1/4	60,787	1/4	71,480	1/4	82,172	1/4	92,863	1/4	103,554
1/2	7,574	1/2	18,266	1/2	28,945	1/2	39,625	1/2	50,317	1/2	61,010	1/2	71,702	1/2	82,395	1/2	93,086	1/2	103,776
3/4	7,797	3/4	18,489	3/4	29,167	3/4	39,848	3/4	50,540	3/4	61,233	3/4	71,925	3/4	82,618	3/4	93,308	3/4	103,999

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1365"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	104,222	0	114,912	0	125,603	0	136,235	0	146,834	0		0		0		0		0	
1/4	104,444	1/4	115,135	1/4	125,825	1/4	136,457	1/4	147,054	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	104,667	1/2	115,358	1/2	126,046	1/2	136,678	1/2	147,273	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	104,890	3/4	115,581	3/4	126,268	3/4	136,900	3/4	147,493	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	105,113	1	115,803	1	126,489	1	137,121	1	147,712	1	1	1	1	1	1	1	1	1	1
1/4	105,335	1/4	116,026	1/4	126,711	1/4	137,343	1/4	147,932	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	105,558	1/2	116,249	1/2	126,932	1/2	137,564	1/2	148,151	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	105,781	3/4	116,471	3/4	127,154	3/4	137,786	3/4	148,371	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	106,003	2	116,694	2	127,375	2	138,007	2	148,590	2	2	2	2	2	2	2	2	2	2
1/4	106,226	1/4	116,917	1/4	127,597	1/4	138,229	1/4	148,791	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106,449	1/2	117,140	1/2	127,818	1/2	138,450	1/2	148,992	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106,672	3/4	117,362	3/4	128,040	3/4	138,672	3/4	149,193	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	106,894	3	117,585	3	128,261	3	138,893	3	149,394	3	3	3	3	3	3	3	3	3	3
1/4	107,117	1/4	117,808	1/4	128,483	1/4	139,115	1/4	149,557	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	107,340	1/2	118,030	1/2	128,704	1/2	139,336	1/2	149,721	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	107,563	3/4	118,253	3/4	128,926	3/4	139,558	3/4	149,885	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	107,785	4	118,476	4	129,147	4	139,779	4	150,049	4	4	4	4	4	4	4	4	4	4
1/4	108,008	1/4	118,699	1/4	129,369	1/4	140,001	1/4	150,175	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	108,231	1/2	118,921	1/2	129,590	1/2	140,222	1/2	150,302	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108,453	3/4	119,144	3/4	129,812	3/4	140,444	3/4	150,429	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	108,676	5	119,367	5	130,033	5	140,665	5	150,555	5	5	5	5	5	5	5	5	5	5
1/4	108,899	1/4	119,590	1/4	130,255	1/4	140,887	1/4	150,645	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	109,122	1/2	119,812	1/2	130,476	1/2	141,108	1/2	150,734	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109,344	3/4	120,035	3/4	130,698	3/4	141,330	3/4	150,824	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	109,567	6	120,258	6	130,919	6	141,551	6	150,913	6	6	6	6	6	6	6	6	6	6
1/4	109,790	1/4	120,480	1/4	131,141	1/4	141,773	1/4	150,966	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,012	1/2	120,703	1/2	131,362	1/2	141,994	1/2	151,018	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	110,235	3/4	120,926	3/4	131,584	3/4	142,216	3/4	151,070	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	110,458	7	121,149	7	131,805	7	142,437	7	151,123	7	7	7	7	7	7	7	7	7	7
1/4	110,681	1/4	121,371	1/4	132,027	1/4	142,659	1/4	151,138	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	110,903	1/2	121,594	1/2	132,248	1/2	142,880	1/2	151,153	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	111,126	3/4	121,817	3/4	132,470	3/4	143,102	3/4	151,169	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	111,349	8	122,040	8	132,691	8	143,323	8	151,184	8	8	8	8	8	8	8	8	8	8
1/4	111,572	1/4	122,262	1/4	132,913	1/4	143,543	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	111,794	1/2	122,485	1/2	133,134	1/2	143,762	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,017	3/4	122,708	3/4	133,356	3/4	143,982	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	112,240	9	122,930	9	133,577	9	144,201	9		9	9	9	9	9	9	9	9	9	9
1/4	112,462	1/4	123,153	1/4	133,799	1/4	144,420	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	112,685	1/2	123,376	1/2	134,020	1/2	144,640	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	112,908	3/4	123,599	3/4	134,242	3/4	144,859	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	113,131	10	123,821	10	134,463	10	145,079	10		10	10	10	10	10	10	10	10	10	10
1/4	113,353	1/4	124,044	1/4	134,685	1/4	145,298	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	113,576	1/2	124,267	1/2	134,906	1/2	145,518	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	113,799	3/4	124,489	3/4	135,128	3/4	145,737	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	114,021	11	124,712	11	135,349	11	145,957	11		11	11	11	11	11	11	11	11	11	11
1/4	114,244	1/4	124,935	1/4	135,571	1/4	146,176	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	114,467	1/2	125,158	1/2	135,792	1/2	146,396	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	114,690	3/4	125,380	3/4	136,014	3/4	146,615	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2013 CL
CALCULATED: 07/30/2013 CL
PRINTED: 07/30/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 1365"

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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4

(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 3 CENTER IS 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 161'-09"

July 30, 2013

PRECISION MEASUREMENT
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BARGE "CBC 1365"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	140,285	0	130,870	0	121,441	0	111,990	0	101,512	0	90,754	0	79,996
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,091	1/4	130,674	1/4	121,244	1/4	111,793	1/4	101,288	1/4	90,530	1/4	79,772
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,193	1/2	139,896	1/2	130,479	1/2	121,047	1/2	111,596	1/2	101,064	1/2	90,306
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,177	3/4	139,700	3/4	130,283	3/4	120,850	3/4	111,400	3/4	100,840	3/4	90,082
1		1		1		1	147,161	1	139,503	1	130,087	1	120,653	1	111,203	1	100,616	1	89,858
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,145	1/4	139,307	1/4	129,891	1/4	120,456	1/4	111,006	1/4	100,391	1/4	89,634
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,128	1/2	139,110	1/2	129,696	1/2	120,259	1/2	110,810	1/2	100,167	1/2	89,410
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,075	3/4	138,914	3/4	129,500	3/4	120,062	3/4	110,613	3/4	99,943	3/4	89,186
2		2		2		2	147,021	2	138,718	2	129,304	2	119,865	2	110,416	2	99,719	2	88,962
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,968	1/4	138,521	1/4	129,108	1/4	119,668	1/4	110,219	1/4	99,495	1/4	88,737
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,914	1/2	138,325	1/2	128,913	1/2	119,471	1/2	110,023	1/2	99,271	1/2	88,513
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,824	3/4	138,128	3/4	128,716	3/4	119,274	3/4	109,799	3/4	99,047	3/4	88,289
3		3		3		3	146,733	3	137,932	3	128,520	3	119,077	3	109,575	3	98,823	3	88,065
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,642	1/4	137,735	1/4	128,323	1/4	118,880	1/4	109,351	1/4	98,599	1/4	87,841
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,551	1/2	137,539	1/2	128,127	1/2	118,684	1/2	109,127	1/2	98,374	1/2	87,617
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,422	3/4	137,343	3/4	127,931	3/4	118,487	3/4	108,903	3/4	98,150	3/4	87,393
4		4		4		4	146,294	4	137,146	4	127,734	4	118,290	4	108,679	4	97,926	4	87,169
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,166	1/4	136,950	1/4	127,538	1/4	118,093	1/4	108,455	1/4	97,702	1/4	86,944
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,037	1/2	136,753	1/2	127,341	1/2	117,896	1/2	108,232	1/2	97,478	1/2	86,720
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,871	3/4	136,557	3/4	127,145	3/4	117,699	3/4	108,008	3/4	97,254	3/4	86,496
5		5		5		5	145,706	5	136,360	5	126,948	5	117,502	5	107,784	5	97,030	5	86,272
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,540	1/4	136,164	1/4	126,752	1/4	117,305	1/4	107,560	1/4	96,806	1/4	86,048
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,374	1/2	135,967	1/2	126,556	1/2	117,108	1/2	107,336	1/2	96,581	1/2	85,824
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,171	3/4	135,771	3/4	126,359	3/4	116,911	3/4	107,112	3/4	96,357	3/4	85,600
6		6		6		6	144,967	6	135,575	6	126,163	6	116,714	6	106,888	6	96,133	6	85,376
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,764	1/4	135,378	1/4	125,966	1/4	116,517	1/4	106,665	1/4	95,909	1/4	85,152
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,561	1/2	135,182	1/2	125,770	1/2	116,320	1/2	106,441	1/2	95,685	1/2	84,927
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,367	3/4	134,985	3/4	125,573	3/4	116,123	3/4	106,217	3/4	95,461	3/4	84,703
7		7		7		7	144,172	7	134,789	7	125,377	7	115,926	7	105,993	7	95,237	7	84,479
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,978	1/4	134,592	1/4	125,180	1/4	115,729	1/4	105,769	1/4	95,013	1/4	84,255
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,783	1/2	134,396	1/2	124,984	1/2	115,532	1/2	105,545	1/2	94,789	1/2	84,031
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,589	3/4	134,200	3/4	124,788	3/4	115,335	3/4	105,321	3/4	94,564	3/4	83,807
8		8		8		8	143,395	8	134,003	8	124,591	8	115,138	8	105,097	8	94,340	8	83,583
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,200	1/4	133,807	1/4	124,395	1/4	114,941	1/4	104,874	1/4	94,116	1/4	83,359
1/2	1/2	1/2	1/2	1/2	1/2	1/2	143,006	1/2	133,610	1/2	124,198	1/2	114,744	1/2	104,650	1/2	93,892	1/2	83,134
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,812	3/4	133,415	3/4	124,001	3/4	114,548	3/4	104,426	3/4	93,668	3/4	82,910
9		9		9		9	142,617	9	133,219	9	123,804	9	114,351	9	104,201	9	93,444	9	82,686
1/4	1/4	1/4	1/4	1/4	1/4	1/4	142,423	1/4	133,023	1/4	123,607	1/4	114,154	1/4	103,977	1/4	93,220	1/4	82,462
1/2	1/2	1/2	1/2	1/2	1/2	1/2	142,229	1/2	132,827	1/2	123,410	1/2	113,957	1/2	103,753	1/2	92,996	1/2	82,238
3/4	3/4	3/4	3/4	3/4	3/4	3/4	142,034	3/4	132,632	3/4	123,214	3/4	113,761	3/4	103,529	3/4	92,771	3/4	82,014
10		10		10		10	141,840	10	132,436	10	123,017	10	113,564	10	103,305	10	92,547	10	81,790
1/4	1/4	1/4	1/4	1/4	1/4	1/4	141,645	1/4	132,240	1/4	122,820	1/4	113,367	1/4	103,081	1/4	92,323	1/4	81,565
1/2	1/2	1/2	1/2	1/2	1/2	1/2	141,451	1/2	132,044	1/2	122,623	1/2	113,170	1/2	102,857	1/2	92,099	1/2	81,341
3/4	3/4	3/4	3/4	3/4	3/4	3/4	141,257	3/4	131,849	3/4	122,426	3/4	112,974	3/4	102,633	3/4	91,875	3/4	81,117
11		11		11		11	141,062	11	131,653	11	122,229	11	112,777	11	102,409	11	91,651	11	80,893
1/4	1/4	1/4	1/4	1/4	1/4	1/4	140,868	1/4	131,457	1/4	122,032	1/4	112,580	1/4	102,184	1/4	91,427	1/4	80,669
1/2	1/2	1/2	1/2	1/2	1/2	1/2	140,674	1/2	131,261	1/2	121,835	1/2	112,383	1/2	101,960	1/2	91,203	1/2	80,445
3/4	3/4	3/4	3/4	3/4	3/4	3/4	140,479	3/4	131,066	3/4	121,638	3/4	112,187	3/4	101,736	3/4	90,979	3/4	80,221

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 26'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1365"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,282	0	58,534	0	47,779	0	37,025	0	26,445	0	15,724	0	4,948	0		0		0	
1/4	69,059	1/4	58,310	1/4	47,555	1/4	36,801	1/4	26,227	1/4	15,499	1/4	4,724	1/4	1/4	1/4	1/4	1/4	1/4
1/2	68,835	1/2	58,086	1/2	47,331	1/2	36,577	1/2	26,009	1/2	15,274	1/2	4,501	1/2	1/2	1/2	1/2	1/2	1/2
3/4	68,612	3/4	57,862	3/4	47,107	3/4	36,353	3/4	25,790	3/4	15,050	3/4	4,279	3/4	3/4	3/4	3/4	3/4	3/4
1	68,388	1	57,638	1	46,883	1	36,129	1	25,571	1	14,825	1	4,057	1	1	1	1	1	1
1/4	68,165	1/4	57,413	1/4	46,659	1/4	35,905	1/4	25,353	1/4	14,601	1/4	3,835	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,941	1/2	57,189	1/2	46,435	1/2	35,681	1/2	25,134	1/2	14,376	1/2	3,613	1/2	1/2	1/2	1/2	1/2	1/2
3/4	67,718	3/4	56,965	3/4	46,211	3/4	35,457	3/4	24,915	3/4	14,151	3/4	3,393	3/4	3/4	3/4	3/4	3/4	3/4
2	67,494	2	56,741	2	45,987	2	35,233	2	24,697	2	13,927	2	3,172	2	2	2	2	2	2
1/4	67,271	1/4	56,517	1/4	45,763	1/4	35,009	1/4	24,478	1/4	13,702	1/4	2,952	1/4	1/4	1/4	1/4	1/4	1/4
1/2	67,048	1/2	56,293	1/2	45,539	1/2	34,785	1/2	24,260	1/2	13,477	1/2	2,732	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66,824	3/4	56,069	3/4	45,315	3/4	34,561	3/4	24,035	3/4	13,253	3/4	2,527	3/4	3/4	3/4	3/4	3/4	3/4
3	66,599	3	55,845	3	45,091	3	34,337	3	23,810	3	13,028	3	2,321	3	3	3	3	3	3
1/4	66,375	1/4	55,621	1/4	44,867	1/4	34,112	1/4	23,586	1/4	12,804	1/4	2,116	1/4	1/4	1/4	1/4	1/4	1/4
1/2	66,151	1/2	55,397	1/2	44,643	1/2	33,888	1/2	23,361	1/2	12,579	1/2	1,911	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,927	3/4	55,173	3/4	44,419	3/4	33,664	3/4	23,136	3/4	12,354	3/4	1,742	3/4	3/4	3/4	3/4	3/4	3/4
4	65,703	4	54,949	4	44,195	4	33,440	4	22,912	4	12,130	4	1,574	4	4	4	4	4	4
1/4	65,479	1/4	54,725	1/4	43,971	1/4	33,216	1/4	22,687	1/4	11,905	1/4	1,406	1/4	1/4	1/4	1/4	1/4	1/4
1/2	65,255	1/2	54,501	1/2	43,747	1/2	32,992	1/2	22,463	1/2	11,680	1/2	1,237	1/2	1/2	1/2	1/2	1/2	1/2
3/4	65,031	3/4	54,277	3/4	43,523	3/4	32,774	3/4	22,238	3/4	11,456	3/4	1,106	3/4	3/4	3/4	3/4	3/4	3/4
5	64,807	5	54,053	5	43,298	5	32,556	5	22,013	5	11,231	5	975	5	5	5	5	5	5
1/4	64,583	1/4	53,829	1/4	43,074	1/4	32,338	1/4	21,789	1/4	11,006	1/4	844	1/4	1/4	1/4	1/4	1/4	1/4
1/2	64,359	1/2	53,605	1/2	42,850	1/2	32,119	1/2	21,564	1/2	10,782	1/2	713	1/2	1/2	1/2	1/2	1/2	1/2
3/4	64,135	3/4	53,381	3/4	42,626	3/4	31,901	3/4	21,339	3/4	10,557	3/4	620	3/4	3/4	3/4	3/4	3/4	3/4
6	63,911	6	53,157	6	42,402	6	31,683	6	21,115	6	10,333	6	526	6	6	6	6	6	6
1/4	63,687	1/4	52,933	1/4	42,178	1/4	31,465	1/4	20,890	1/4	10,108	1/4	432	1/4	1/4	1/4	1/4	1/4	1/4
1/2	63,463	1/2	52,708	1/2	41,954	1/2	31,246	1/2	20,666	1/2	9,883	1/2	339	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63,239	3/4	52,484	3/4	41,730	3/4	31,028	3/4	20,441	3/4	9,659	3/4	283	3/4	3/4	3/4	3/4	3/4	3/4
7	63,015	7	52,260	7	41,506	7	30,810	7	20,216	7	9,434	7	226	7	7	7	7	7	7
1/4	62,791	1/4	52,036	1/4	41,282	1/4	30,592	1/4	19,992	1/4	9,209	1/4	170	1/4	1/4	1/4	1/4	1/4	1/4
1/2	62,567	1/2	51,812	1/2	41,058	1/2	30,373	1/2	19,767	1/2	8,985	1/2	114	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62,343	3/4	51,588	3/4	40,834	3/4	30,155	3/4	19,542	3/4	8,760	3/4	95	3/4	3/4	3/4	3/4	3/4	3/4
8	62,118	8	51,364	8	40,610	8	29,937	8	19,318	8	8,536	8	77	8	8	8	8	8	8
1/4	61,894	1/4	51,140	1/4	40,386	1/4	29,719	1/4	19,093	1/4	8,311	1/4	58	1/4	1/4	1/4	1/4	1/4	1/4
1/2	61,670	1/2	50,916	1/2	40,162	1/2	29,500	1/2	18,869	1/2	8,086	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61,446	3/4	50,692	3/4	39,938	3/4	29,282	3/4	18,644	3/4	7,862	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	61,222	9	50,468	9	39,714	9	29,064	9	18,419	9	7,637	9		9	9	9	9	9	9
1/4	60,998	1/4	50,244	1/4	39,490	1/4	28,846	1/4	18,195	1/4	7,412	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	60,774	1/2	50,020	1/2	39,266	1/2	28,627	1/2	17,970	1/2	7,188	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	60,550	3/4	49,796	3/4	39,042	3/4	28,409	3/4	17,745	3/4	6,963	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	60,326	10	49,572	10	38,818	10	28,191	10	17,521	10	6,739	10		10	10	10	10	10	10
1/4	60,102	1/4	49,348	1/4	38,593	1/4	27,973	1/4	17,296	1/4	6,515	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	59,878	1/2	49,124	1/2	38,369	1/2	27,755	1/2	17,071	1/2	6,290	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	59,654	3/4	48,900	3/4	38,145	3/4	27,536	3/4	16,847	3/4	6,066	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	59,430	11	48,676	11	37,921	11	27,318	11	16,622	11	5,842	11		11	11	11	11	11	11
1/4	59,206	1/4	48,452	1/4	37,697	1/4	27,100	1/4	16,398	1/4	5,618	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	58,982	1/2	48,228	1/2	37,473	1/2	26,882	1/2	16,173	1/2	5,394	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	58,758	3/4	48,003	3/4	37,249	3/4	26,663	3/4	15,948	3/4	5,171	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2013 CL
CALCULATED: 07/30/2013 CL
PRINTED: 07/30/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1365"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	162,053	0	150,053	0	138,030	0	125,959	0	113,888	0	101,817	0	89,745
1/4	1/4	1/4	1/4	1/4	1/4	1/4	161,805	1/4	149,803	1/4	137,779	1/4	125,708	1/4	113,637	1/4	101,566	1/4	89,494
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,432	1/2	161,557	1/2	149,553	1/2	137,527	1/2	125,456	1/2	113,385	1/2	101,314
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,415	3/4	161,307	3/4	149,303	3/4	137,276	3/4	125,205	3/4	113,134	3/4	101,063
1		1		1		1	170,397	1	161,057	1	149,053	1	137,024	1	124,953	1	112,882	1	100,811
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,380	1/4	160,807	1/4	148,803	1/4	136,773	1/4	124,702	1/4	112,631	1/4	100,560
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,363	1/2	160,557	1/2	148,553	1/2	136,521	1/2	124,450	1/2	112,379	1/2	100,308
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,304	3/4	160,307	3/4	148,303	3/4	136,270	3/4	124,199	3/4	112,128	3/4	100,057
2		2		2		2	170,245	2	160,057	2	148,053	2	136,018	2	123,947	2	111,876	2	99,805
1/4	1/4	1/4	1/4	1/4	1/4	1/4	170,186	1/4	159,807	1/4	147,803	1/4	135,767	1/4	123,696	1/4	111,625	1/4	99,554
1/2	1/2	1/2	1/2	1/2	1/2	1/2	170,127	1/2	159,557	1/2	147,553	1/2	135,515	1/2	123,444	1/2	111,373	1/2	99,302
3/4	3/4	3/4	3/4	3/4	3/4	3/4	170,025	3/4	159,306	3/4	147,303	3/4	135,264	3/4	123,193	3/4	111,122	3/4	99,051
3		3		3		3	169,924	3	159,056	3	147,052	3	135,012	3	122,941	3	110,870	3	98,799
1/4	1/4	1/4	1/4	1/4	1/4	1/4	169,823	1/4	158,806	1/4	146,802	1/4	134,761	1/4	122,690	1/4	110,619	1/4	98,548
1/2	1/2	1/2	1/2	1/2	1/2	1/2	169,722	1/2	158,556	1/2	146,552	1/2	134,509	1/2	122,438	1/2	110,367	1/2	98,296
3/4	3/4	3/4	3/4	3/4	3/4	3/4	169,579	3/4	158,306	3/4	146,302	3/4	134,258	3/4	122,187	3/4	110,116	3/4	98,045
4		4		4		4	169,436	4	158,056	4	146,052	4	134,006	4	121,935	4	109,864	4	97,793
1/4	1/4	1/4	1/4	1/4	1/4	1/4	169,293	1/4	157,806	1/4	145,802	1/4	133,755	1/4	121,684	1/4	109,613	1/4	97,542
1/2	1/2	1/2	1/2	1/2	1/2	1/2	169,150	1/2	157,556	1/2	145,552	1/2	133,503	1/2	121,432	1/2	109,361	1/2	97,290
3/4	3/4	3/4	3/4	3/4	3/4	3/4	168,966	3/4	157,306	3/4	145,302	3/4	133,252	3/4	121,181	3/4	109,110	3/4	97,039
5		5		5		5	168,781	5	157,056	5	145,052	5	133,000	5	120,929	5	108,858	5	96,787
1/4	1/4	1/4	1/4	1/4	1/4	1/4	168,596	1/4	156,806	1/4	144,802	1/4	132,749	1/4	120,678	1/4	108,607	1/4	96,536
1/2	1/2	1/2	1/2	1/2	1/2	1/2	168,411	1/2	156,556	1/2	144,552	1/2	132,497	1/2	120,426	1/2	108,355	1/2	96,284
3/4	3/4	3/4	3/4	3/4	3/4	3/4	168,184	3/4	156,305	3/4	144,302	3/4	132,246	3/4	120,175	3/4	108,104	3/4	96,033
6		6		6		6	167,957	6	156,055	6	144,052	6	131,995	6	119,924	6	107,853	6	95,782
1/4	1/4	1/4	1/4	1/4	1/4	1/4	167,730	1/4	155,805	1/4	143,801	1/4	131,743	1/4	119,672	1/4	107,601	1/4	95,530
1/2	1/2	1/2	1/2	1/2	1/2	1/2	167,504	1/2	155,555	1/2	143,551	1/2	131,492	1/2	119,421	1/2	107,350	1/2	95,279
3/4	3/4	3/4	3/4	3/4	3/4	3/4	167,256	3/4	155,305	3/4	143,301	3/4	131,240	3/4	119,169	3/4	107,098	3/4	95,027
7		7		7		7	167,008	7	155,055	7	143,051	7	130,989	7	118,918	7	106,847	7	94,776
1/4	1/4	1/4	1/4	1/4	1/4	1/4	166,760	1/4	154,805	1/4	142,801	1/4	130,737	1/4	118,666	1/4	106,595	1/4	94,524
1/2	1/2	1/2	1/2	1/2	1/2	1/2	166,513	1/2	154,555	1/2	142,551	1/2	130,486	1/2	118,415	1/2	106,344	1/2	94,273
3/4	3/4	3/4	3/4	3/4	3/4	3/4	166,265	3/4	154,305	3/4	142,301	3/4	130,234	3/4	118,163	3/4	106,092	3/4	94,021
8		8		8		8	166,017	8	154,055	8	142,051	8	129,983	8	117,912	8	105,841	8	93,770
1/4	1/4	1/4	1/4	1/4	1/4	1/4	165,769	1/4	153,805	1/4	141,801	1/4	129,731	1/4	117,660	1/4	105,589	1/4	93,518
1/2	1/2	1/2	1/2	1/2	1/2	1/2	165,521	1/2	153,555	1/2	141,551	1/2	129,480	1/2	117,409	1/2	105,338	1/2	93,267
3/4	3/4	3/4	3/4	3/4	3/4	3/4	165,274	3/4	153,305	3/4	141,299	3/4	129,228	3/4	117,157	3/4	105,086	3/4	93,015
9		9		9		9	165,026	9	153,054	9	141,048	9	128,977	9	116,906	9	104,835	9	92,764
1/4	1/4	1/4	1/4	1/4	1/4	1/4	164,778	1/4	152,804	1/4	140,796	1/4	128,725	1/4	116,654	1/4	104,583	1/4	92,512
1/2	1/2	1/2	1/2	1/2	1/2	1/2	164,530	1/2	152,554	1/2	140,545	1/2	128,474	1/2	116,403	1/2	104,332	1/2	92,261
3/4	3/4	3/4	3/4	3/4	3/4	3/4	164,283	3/4	152,304	3/4	140,293	3/4	128,222	3/4	116,151	3/4	104,080	3/4	92,009
10		10		10		10	164,035	10	152,054	10	140,042	10	127,971	10	115,900	10	103,829	10	91,758
1/4	1/4	1/4	1/4	1/4	1/4	1/4	163,787	1/4	151,804	1/4	139,790	1/4	127,719	1/4	115,648	1/4	103,577	1/4	91,506
1/2	1/2	1/2	1/2	1/2	1/2	1/2	163,539	1/2	151,554	1/2	139,539	1/2	127,468	1/2	115,397	1/2	103,326	1/2	91,255
3/4	3/4	3/4	3/4	3/4	3/4	3/4	163,292	3/4	151,304	3/4	139,287	3/4	127,216	3/4	115,145	3/4	103,074	3/4	91,003
11		11		11		11	163,044	11	151,054	11	139,036	11	126,965	11	114,894	11	102,823	11	90,752
1/4	1/4	1/4	1/4	1/4	1/4	1/4	162,796	1/4	150,804	1/4	138,784	1/4	126,713	1/4	114,642	1/4	102,571	1/4	90,500
1/2	1/2	1/2	1/2	1/2	1/2	1/2	162,548	1/2	150,554	1/2	138,533	1/2	126,462	1/2	114,391	1/2	102,320	1/2	90,248
3/4	3/4	3/4	3/4	3/4	3/4	3/4	162,300	3/4	150,304	3/4	138,281	3/4	126,210	3/4	114,139	3/4	102,069	3/4	89,997

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1365"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	77,672	0	65,599	0	53,526	0	41,453	0	29,631	0	17,601	0	5,535	0		0		0	
1/4	77,421	1/4	65,348	1/4	53,275	1/4	41,202	1/4	29,387	1/4	17,350	1/4	5,285	1/4	1/4		1/4		1/4
1/2	77,169	1/2	65,096	1/2	53,023	1/2	40,950	1/2	29,143	1/2	17,098	1/2	5,036	1/2	1/2		1/2		1/2
3/4	76,918	3/4	64,845	3/4	52,772	3/4	40,699	3/4	28,898	3/4	16,847	3/4	4,787	3/4	3/4		3/4		3/4
1	76,666	1	64,593	1	52,520	1	40,447	1	28,654	1	16,595	1	4,538	1	1		1		1
1/4	76,415	1/4	64,342	1/4	52,269	1/4	40,196	1/4	28,409	1/4	16,344	1/4	4,289	1/4	1/4		1/4		1/4
1/2	76,163	1/2	64,090	1/2	52,017	1/2	39,944	1/2	28,165	1/2	16,092	1/2	4,041	1/2	1/2		1/2		1/2
3/4	75,912	3/4	63,839	3/4	51,766	3/4	39,693	3/4	27,913	3/4	15,841	3/4	3,794	3/4	3/4		3/4		3/4
2	75,660	2	63,587	2	51,514	2	39,441	2	27,662	2	15,589	2	3,548	2	2		2		2
1/4	75,409	1/4	63,336	1/4	51,263	1/4	39,189	1/4	27,410	1/4	15,338	1/4	3,301	1/4	1/4		1/4		1/4
1/2	75,157	1/2	63,084	1/2	51,011	1/2	38,938	1/2	27,159	1/2	15,086	1/2	3,055	1/2	1/2		1/2		1/2
3/4	74,906	3/4	62,833	3/4	50,759	3/4	38,686	3/4	26,907	3/4	14,835	3/4	2,825	3/4	3/4		3/4		3/4
3	74,654	3	62,581	3	50,508	3	38,435	3	26,656	3	14,583	3	2,595	3	3		3		3
1/4	74,403	1/4	62,330	1/4	50,256	1/4	38,183	1/4	26,404	1/4	14,332	1/4	2,365	1/4	1/4		1/4		1/4
1/2	74,151	1/2	62,078	1/2	50,005	1/2	37,932	1/2	26,153	1/2	14,080	1/2	2,135	1/2	1/2		1/2		1/2
3/4	73,900	3/4	61,826	3/4	49,753	3/4	37,687	3/4	25,901	3/4	13,829	3/4	1,946	3/4	3/4		3/4		3/4
4	73,648	4	61,575	4	49,502	4	37,443	4	25,650	4	13,577	4	1,758	4	4		4		4
1/4	73,396	1/4	61,323	1/4	49,250	1/4	37,198	1/4	25,398	1/4	13,325	1/4	1,569	1/4	1/4		1/4		1/4
1/2	73,145	1/2	61,072	1/2	48,999	1/2	36,954	1/2	25,147	1/2	13,074	1/2	1,381	1/2	1/2		1/2		1/2
3/4	72,893	3/4	60,820	3/4	48,747	3/4	36,710	3/4	24,895	3/4	12,822	3/4	1,234	3/4	3/4		3/4		3/4
5	72,642	5	60,569	5	48,496	5	36,466	5	24,644	5	12,571	5	1,087	5	5		5		5
1/4	72,390	1/4	60,317	1/4	48,244	1/4	36,222	1/4	24,392	1/4	12,319	1/4	940	1/4	1/4		1/4		1/4
1/2	72,139	1/2	60,066	1/2	47,993	1/2	35,978	1/2	24,141	1/2	12,068	1/2	794	1/2	1/2		1/2		1/2
3/4	71,887	3/4	59,814	3/4	47,741	3/4	35,733	3/4	23,889	3/4	11,816	3/4	689	3/4	3/4		3/4		3/4
6	71,636	6	59,563	6	47,490	6	35,489	6	23,638	6	11,565	6	584	6	6		6		6
1/4	71,384	1/4	59,311	1/4	47,238	1/4	35,245	1/4	23,386	1/4	11,313	1/4	479	1/4	1/4		1/4		1/4
1/2	71,133	1/2	59,060	1/2	46,987	1/2	35,001	1/2	23,134	1/2	11,062	1/2	375	1/2	1/2		1/2		1/2
3/4	70,881	3/4	58,808	3/4	46,735	3/4	34,757	3/4	22,883	3/4	10,810	3/4	312	3/4	3/4		3/4		3/4
7	70,630	7	58,557	7	46,484	7	34,513	7	22,631	7	10,559	7	249	7	7		7		7
1/4	70,378	1/4	58,305	1/4	46,232	1/4	34,269	1/4	22,380	1/4	10,307	1/4	186	1/4	1/4		1/4		1/4
1/2	70,127	1/2	58,054	1/2	45,981	1/2	34,025	1/2	22,128	1/2	10,056	1/2	123	1/2	1/2		1/2		1/2
3/4	69,875	3/4	57,802	3/4	45,729	3/4	33,781	3/4	21,877	3/4	9,804	3/4	102	3/4	3/4		3/4		3/4
8	69,624	8	57,551	8	45,478	8	33,537	8	21,625	8	9,553	8	81	8	8		8		8
1/4	69,372	1/4	57,299	1/4	45,226	1/4	33,292	1/4	21,374	1/4	9,301	1/4	60	1/4	1/4		1/4		1/4
1/2	69,121	1/2	57,048	1/2	44,974	1/2	33,048	1/2	21,122	1/2	9,050	1/2	39	1/2	1/2		1/2		1/2
3/4	68,869	3/4	56,796	3/4	44,723	3/4	32,804	3/4	20,871	3/4	8,798	3/4		3/4	3/4		3/4		3/4
9	68,618	9	56,545	9	44,471	9	32,560	9	20,619	9	8,547	9		9	9		9		9
1/4	68,366	1/4	56,293	1/4	44,220	1/4	32,316	1/4	20,368	1/4	8,295	1/4		1/4	1/4		1/4		1/4
1/2	68,115	1/2	56,041	1/2	43,968	1/2	32,072	1/2	20,116	1/2	8,044	1/2		1/2	1/2		1/2		1/2
3/4	67,863	3/4	55,790	3/4	43,717	3/4	31,828	3/4	19,865	3/4	7,792	3/4		3/4	3/4		3/4		3/4
10	67,611	10	55,538	10	43,465	10	31,584	10	19,613	10	7,541	10		10	10		10		10
1/4	67,360	1/4	55,287	1/4	43,214	1/4	31,340	1/4	19,362	1/4	7,290	1/4		1/4	1/4		1/4		1/4
1/2	67,108	1/2	55,035	1/2	42,962	1/2	31,095	1/2	19,110	1/2	7,039	1/2		1/2	1/2		1/2		1/2
3/4	66,857	3/4	54,784	3/4	42,711	3/4	30,851	3/4	18,859	3/4	6,788	3/4		3/4	3/4		3/4		3/4
11	66,605	11	54,532	11	42,459	11	30,607	11	18,607	11	6,537	11		11	11		11		11
1/4	66,354	1/4	54,281	1/4	42,208	1/4	30,363	1/4	18,356	1/4	6,286	1/4		1/4	1/4		1/4		1/4
1/2	66,102	1/2	54,029	1/2	41,956	1/2	30,119	1/2	18,104	1/2	6,035	1/2		1/2	1/2		1/2		1/2
3/4	65,851	3/4	53,778	3/4	41,705	3/4	29,875	3/4	17,853	3/4	5,785	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2013 CL
CALCULATED: 07/30/2013 CL
PRINTED: 07/30/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE "CBC 1365"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	143,762	0	133,134	0	122,485	0	111,794	0	101,104	0	90,413	0	79,722
1/4	1/4	1/4	1/4	1/4	1/4	1/4	143,543	1/4	132,913	1/4	122,262	1/4	111,572	1/4	100,881	1/4	90,190	1/4	79,499
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,184	1/2	143,323	1/2	132,691	1/2	122,040	1/2	111,349	1/2	100,658	1/2	89,967
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,169	3/4	143,102	3/4	132,470	3/4	121,817	3/4	111,126	3/4	100,435	3/4	89,745
1		1		1		1	151,153	1	142,880	1	132,248	1	121,594	1	110,903	1	100,213	1	89,522
1/4	1/4	1/4	1/4	1/4	1/4	1/4	151,138	1/4	142,659	1/4	132,027	1/4	121,371	1/4	110,681	1/4	99,990	1/4	89,299
1/2	1/2	1/2	1/2	1/2	1/2	1/2	151,123	1/2	142,437	1/2	131,805	1/2	121,149	1/2	110,458	1/2	99,767	1/2	89,077
3/4	3/4	3/4	3/4	3/4	3/4	3/4	151,070	3/4	142,216	3/4	131,584	3/4	120,926	3/4	110,235	3/4	99,545	3/4	88,854
2		2		2		2	151,018	2	141,994	2	131,362	2	120,703	2	110,012	2	99,322	2	88,631
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,966	1/4	141,773	1/4	131,141	1/4	120,480	1/4	109,790	1/4	99,099	1/4	88,408
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,913	1/2	141,551	1/2	130,919	1/2	120,258	1/2	109,567	1/2	98,876	1/2	88,186
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,824	3/4	141,330	3/4	130,698	3/4	120,035	3/4	109,344	3/4	98,654	3/4	87,963
3		3		3		3	150,734	3	141,108	3	130,476	3	119,812	3	109,122	3	98,431	3	87,740
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,645	1/4	140,887	1/4	130,255	1/4	119,590	1/4	108,899	1/4	98,208	1/4	87,517
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,555	1/2	140,665	1/2	130,033	1/2	119,367	1/2	108,676	1/2	97,985	1/2	87,295
3/4	3/4	3/4	3/4	3/4	3/4	3/4	150,429	3/4	140,444	3/4	129,812	3/4	119,144	3/4	108,453	3/4	97,763	3/4	87,072
4		4		4		4	150,302	4	140,222	4	129,590	4	118,921	4	108,231	4	97,540	4	86,849
1/4	1/4	1/4	1/4	1/4	1/4	1/4	150,175	1/4	140,001	1/4	129,369	1/4	118,699	1/4	108,008	1/4	97,317	1/4	86,627
1/2	1/2	1/2	1/2	1/2	1/2	1/2	150,049	1/2	139,779	1/2	129,147	1/2	118,476	1/2	107,785	1/2	97,095	1/2	86,404
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,885	3/4	139,558	3/4	128,926	3/4	118,253	3/4	107,563	3/4	96,872	3/4	86,181
5		5		5		5	149,721	5	139,336	5	128,704	5	118,030	5	107,340	5	96,649	5	85,958
1/4	1/4	1/4	1/4	1/4	1/4	1/4	149,557	1/4	139,115	1/4	128,483	1/4	117,808	1/4	107,117	1/4	96,426	1/4	85,736
1/2	1/2	1/2	1/2	1/2	1/2	1/2	149,394	1/2	138,893	1/2	128,261	1/2	117,585	1/2	106,894	1/2	96,204	1/2	85,513
3/4	3/4	3/4	3/4	3/4	3/4	3/4	149,193	3/4	138,672	3/4	128,040	3/4	117,362	3/4	106,672	3/4	95,981	3/4	85,290
6		6		6		6	148,992	6	138,450	6	127,818	6	117,140	6	106,449	6	95,758	6	85,068
1/4	1/4	1/4	1/4	1/4	1/4	1/4	148,791	1/4	138,229	1/4	127,597	1/4	116,917	1/4	106,226	1/4	95,536	1/4	84,845
1/2	1/2	1/2	1/2	1/2	1/2	1/2	148,590	1/2	138,007	1/2	127,375	1/2	116,694	1/2	106,003	1/2	95,313	1/2	84,622
3/4	3/4	3/4	3/4	3/4	3/4	3/4	148,371	3/4	137,786	3/4	127,154	3/4	116,471	3/4	105,781	3/4	95,090	3/4	84,399
7		7		7		7	148,151	7	137,564	7	126,932	7	116,249	7	105,558	7	94,867	7	84,177
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,932	1/4	137,343	1/4	126,711	1/4	116,026	1/4	105,335	1/4	94,645	1/4	83,954
1/2	1/2	1/2	1/2	1/2	1/2	1/2	147,712	1/2	137,121	1/2	126,489	1/2	115,803	1/2	105,113	1/2	94,422	1/2	83,731
3/4	3/4	3/4	3/4	3/4	3/4	3/4	147,493	3/4	136,900	3/4	126,268	3/4	115,581	3/4	104,890	3/4	94,199	3/4	83,508
8		8		8		8	147,273	8	136,678	8	126,046	8	115,358	8	104,667	8	93,976	8	83,286
1/4	1/4	1/4	1/4	1/4	1/4	1/4	147,054	1/4	136,457	1/4	125,825	1/4	115,135	1/4	104,444	1/4	93,754	1/4	83,063
1/2	1/2	1/2	1/2	1/2	1/2	1/2	146,834	1/2	136,235	1/2	125,603	1/2	114,912	1/2	104,222	1/2	93,531	1/2	82,840
3/4	3/4	3/4	3/4	3/4	3/4	3/4	146,615	3/4	136,014	3/4	125,380	3/4	114,690	3/4	103,999	3/4	93,308	3/4	82,618
9		9		9		9	146,396	9	135,792	9	125,158	9	114,467	9	103,776	9	93,086	9	82,395
1/4	1/4	1/4	1/4	1/4	1/4	1/4	146,176	1/4	135,571	1/4	124,935	1/4	114,244	1/4	103,554	1/4	92,863	1/4	82,172
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,957	1/2	135,349	1/2	124,712	1/2	114,021	1/2	103,331	1/2	92,640	1/2	81,949
3/4	3/4	3/4	3/4	3/4	3/4	3/4	145,737	3/4	135,128	3/4	124,489	3/4	113,799	3/4	103,108	3/4	92,417	3/4	81,727
10		10		10		10	145,518	10	134,906	10	124,267	10	113,576	10	102,885	10	92,195	10	81,504
1/4	1/4	1/4	1/4	1/4	1/4	1/4	145,298	1/4	134,685	1/4	124,044	1/4	113,353	1/4	102,663	1/4	91,972	1/4	81,281
1/2	1/2	1/2	1/2	1/2	1/2	1/2	145,079	1/2	134,463	1/2	123,821	1/2	113,131	1/2	102,440	1/2	91,749	1/2	81,058
3/4	3/4	3/4	3/4	3/4	3/4	3/4	144,859	3/4	134,242	3/4	123,599	3/4	112,908	3/4	102,217	3/4	91,526	3/4	80,835
11		11		11		11	144,640	11	134,020	11	123,376	11	112,685	11	101,994	11	91,304	11	80,613
1/4	1/4	1/4	1/4	1/4	1/4	1/4	144,420	1/4	133,799	1/4	123,153	1/4	112,462	1/4	101,772	1/4	91,081	1/4	80,390
1/2	1/2	1/2	1/2	1/2	1/2	1/2	144,201	1/2	133,577	1/2	122,930	1/2	112,240	1/2	101,549	1/2	90,858	1/2	80,167
3/4	3/4	3/4	3/4	3/4	3/4	3/4	143,982	3/4	133,356	3/4	122,708	3/4	112,017	3/4	101,326	3/4	90,636	3/4	79,944

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (MMC) LOCATED ON CENTERLINE AND 23'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 1365"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-08 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	69,029	0	58,337	0	47,644	0	36,952	0	26,281	0	15,593	0	4,907	0		0		0	
1/4	68,806	1/4	58,114	1/4	47,421	1/4	36,729	1/4	26,059	1/4	15,370	1/4	4,685	1/4		1/4		1/4	
1/2	68,584	1/2	57,891	1/2	47,199	1/2	36,506	1/2	25,837	1/2	15,147	1/2	4,464	1/2		1/2		1/2	
3/4	68,361	3/4	57,668	3/4	46,976	3/4	36,283	3/4	25,614	3/4	14,925	3/4	4,244	3/4		3/4		3/4	
1	68,138	1	57,446	1	46,753	1	36,061	1	25,392	1	14,702	1	4,024	1		1		1	
1/4	67,915	1/4	57,223	1/4	46,530	1/4	35,838	1/4	25,169	1/4	14,479	1/4	3,803	1/4		1/4		1/4	
1/2	67,693	1/2	57,000	1/2	46,308	1/2	35,615	1/2	24,947	1/2	14,256	1/2	3,583	1/2		1/2		1/2	
3/4	67,470	3/4	56,777	3/4	46,085	3/4	35,392	3/4	24,725	3/4	14,034	3/4	3,365	3/4		3/4		3/4	
2	67,247	2	56,555	2	45,862	2	35,170	2	24,502	2	13,811	2	3,146	2		2		2	
1/4	67,024	1/4	56,332	1/4	45,639	1/4	34,947	1/4	24,280	1/4	13,588	1/4	2,928	1/4		1/4		1/4	
1/2	66,802	1/2	56,109	1/2	45,417	1/2	34,724	1/2	24,057	1/2	13,365	1/2	2,710	1/2		1/2		1/2	
3/4	66,579	3/4	55,886	3/4	45,194	3/4	34,501	3/4	23,835	3/4	13,143	3/4	2,506	3/4		3/4		3/4	
3	66,356	3	55,664	3	44,971	3	34,279	3	23,612	3	12,920	3	2,303	3		3		3	
1/4	66,133	1/4	55,441	1/4	44,748	1/4	34,056	1/4	23,389	1/4	12,697	1/4	2,099	1/4		1/4		1/4	
1/2	65,911	1/2	55,218	1/2	44,526	1/2	33,833	1/2	23,166	1/2	12,474	1/2	1,895	1/2		1/2		1/2	
3/4	65,688	3/4	54,995	3/4	44,303	3/4	33,610	3/4	22,944	3/4	12,252	3/4	1,728	3/4		3/4		3/4	
4	65,465	4	54,772	4	44,080	4	33,388	4	22,721	4	12,029	4	1,561	4		4		4	
1/4	65,242	1/4	54,550	1/4	43,857	1/4	33,165	1/4	22,498	1/4	11,806	1/4	1,394	1/4		1/4		1/4	
1/2	65,019	1/2	54,327	1/2	43,634	1/2	32,942	1/2	22,275	1/2	11,583	1/2	1,227	1/2		1/2		1/2	
3/4	64,797	3/4	54,104	3/4	43,412	3/4	32,720	3/4	22,053	3/4	11,361	3/4	1,097	3/4		3/4		3/4	
5	64,574	5	53,881	5	43,189	5	32,498	5	21,830	5	11,138	5	967	5		5		5	
1/4	64,351	1/4	53,659	1/4	42,966	1/4	32,276	1/4	21,607	1/4	10,915	1/4	837	1/4		1/4		1/4	
1/2	64,128	1/2	53,436	1/2	42,743	1/2	32,054	1/2	21,384	1/2	10,692	1/2	707	1/2		1/2		1/2	
3/4	63,906	3/4	53,213	3/4	42,521	3/4	31,832	3/4	21,162	3/4	10,470	3/4	615	3/4		3/4		3/4	
6	63,683	6	52,990	6	42,298	6	31,610	6	20,939	6	10,247	6	522	6		6		6	
1/4	63,460	1/4	52,768	1/4	42,075	1/4	31,388	1/4	20,716	1/4	10,024	1/4	429	1/4		1/4		1/4	
1/2	63,237	1/2	52,545	1/2	41,852	1/2	31,166	1/2	20,493	1/2	9,801	1/2	336	1/2		1/2		1/2	
3/4	63,015	3/4	52,322	3/4	41,630	3/4	30,944	3/4	20,271	3/4	9,579	3/4	280	3/4		3/4		3/4	
7	62,792	7	52,099	7	41,407	7	30,722	7	20,048	7	9,356	7	225	7		7		7	
1/4	62,569	1/4	51,877	1/4	41,184	1/4	30,499	1/4	19,825	1/4	9,133	1/4	169	1/4		1/4		1/4	
1/2	62,346	1/2	51,654	1/2	40,961	1/2	30,277	1/2	19,602	1/2	8,910	1/2	113	1/2		1/2		1/2	
3/4	62,124	3/4	51,431	3/4	40,739	3/4	30,055	3/4	19,380	3/4	8,688	3/4	95	3/4		3/4		3/4	
8	61,901	8	51,208	8	40,516	8	29,833	8	19,157	8	8,465	8	76	8		8		8	
1/4	61,678	1/4	50,986	1/4	40,293	1/4	29,611	1/4	18,934	1/4	8,242	1/4	58	1/4		1/4		1/4	
1/2	61,455	1/2	50,763	1/2	40,070	1/2	29,389	1/2	18,711	1/2	8,019	1/2	39	1/2		1/2		1/2	
3/4	61,233	3/4	50,540	3/4	39,848	3/4	29,167	3/4	18,489	3/4	7,797	3/4		3/4		3/4		3/4	
9	61,010	9	50,317	9	39,625	9	28,945	9	18,266	9	7,574	9		9		9		9	
1/4	60,787	1/4	50,095	1/4	39,402	1/4	28,723	1/4	18,043	1/4	7,351	1/4		1/4		1/4		1/4	
1/2	60,564	1/2	49,872	1/2	39,179	1/2	28,501	1/2	17,820	1/2	7,128	1/2		1/2		1/2		1/2	
3/4	60,342	3/4	49,649	3/4	38,957	3/4	28,279	3/4	17,598	3/4	6,906	3/4		3/4		3/4		3/4	
10	60,119	10	49,426	10	38,734	10	28,057	10	17,375	10	6,683	10		10		10		10	
1/4	59,896	1/4	49,203	1/4	38,511	1/4	27,835	1/4	17,152	1/4	6,461	1/4		1/4		1/4		1/4	
1/2	59,673	1/2	48,981	1/2	38,288	1/2	27,613	1/2	16,929	1/2	6,238	1/2		1/2		1/2		1/2	
3/4	59,450	3/4	48,758	3/4	38,065	3/4	27,391	3/4	16,707	3/4	6,016	3/4		3/4		3/4		3/4	
11	59,228	11	48,535	11	37,843	11	27,169	11	16,484	11	5,794	11		11		11		11	
1/4	59,005	1/4	48,312	1/4	37,620	1/4	26,947	1/4	16,261	1/4	5,572	1/4		1/4		1/4		1/4	
1/2	58,782	1/2	48,090	1/2	37,397	1/2	26,725	1/2	16,038	1/2	5,350	1/2		1/2		1/2		1/2	
3/4	58,559	3/4	47,867	3/4	37,174	3/4	26,503	3/4	15,816	3/4	5,128	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/30/2013 CL
CALCULATED: 07/30/2013 CL
PRINTED: 07/30/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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