



BARGE "CBC 377"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-1/2	03-1/2
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-1/2	03-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 4'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

February 6, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 377"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	964	0	15,230	0	30,456	0	45,671	0	60,888	0	76,114	0	91,340	0	106,567	0	121,789	0	137,010
1/4	1,149	1/4	15,547	1/4	30,773	1/4	45,988	1/4	61,205	1/4	76,431	1/4	91,658	1/4	106,884	1/4	122,106	1/4	137,327
1/2	1,334	1/2	15,864	1/2	31,090	1/2	46,305	1/2	61,522	1/2	76,748	1/2	91,975	1/2	107,201	1/2	122,423	1/2	137,644
3/4	1,519	3/4	16,181	3/4	31,407	3/4	46,621	3/4	61,839	3/4	77,066	3/4	92,292	3/4	107,518	3/4	122,740	3/4	137,961
1	1,704	1	16,499	1	31,724	1	46,938	1	62,156	1	77,383	1	92,609	1	107,836	1	123,057	1	138,278
1/4	1,942	1/4	16,816	1/4	32,042	1/4	47,255	1/4	62,474	1/4	77,700	1/4	92,926	1/4	108,153	1/4	123,375	1/4	138,595
1/2	2,180	1/2	17,133	1/2	32,359	1/2	47,572	1/2	62,791	1/2	78,017	1/2	93,244	1/2	108,470	1/2	123,692	1/2	138,913
3/4	2,418	3/4	17,450	3/4	32,676	3/4	47,888	3/4	63,108	3/4	78,334	3/4	93,561	3/4	108,787	3/4	124,009	3/4	139,230
2	2,656	2	17,767	2	32,993	2	48,205	2	63,425	2	78,652	2	93,878	2	109,105	2	124,326	2	139,547
1/4	2,946	1/4	18,085	1/4	33,310	1/4	48,522	1/4	63,742	1/4	78,969	1/4	94,195	1/4	109,422	1/4	124,643	1/4	139,864
1/2	3,237	1/2	18,402	1/2	33,628	1/2	48,838	1/2	64,060	1/2	79,286	1/2	94,513	1/2	109,739	1/2	124,960	1/2	140,181
3/4	3,528	3/4	18,719	3/4	33,945	3/4	49,155	3/4	64,377	3/4	79,603	3/4	94,830	3/4	110,056	3/4	125,277	3/4	140,498
3	3,818	3	19,036	3	34,262	3	49,472	3	64,694	3	79,921	3	95,147	3	110,373	3	125,594	3	140,815
1/4	4,134	1/4	19,353	1/4	34,579	1/4	49,788	1/4	65,011	1/4	80,238	1/4	95,464	1/4	110,691	1/4	125,911	1/4	141,132
1/2	4,450	1/2	19,671	1/2	34,896	1/2	50,105	1/2	65,329	1/2	80,555	1/2	95,781	1/2	111,008	1/2	126,228	1/2	141,449
3/4	4,765	3/4	19,988	3/4	35,214	3/4	50,422	3/4	65,646	3/4	80,872	3/4	96,099	3/4	111,325	3/4	126,546	3/4	141,766
4	5,081	4	20,305	4	35,531	4	50,739	4	65,963	4	81,189	4	96,416	4	111,642	4	126,863	4	142,084
1/4	5,398	1/4	20,622	1/4	35,848	1/4	51,055	1/4	66,280	1/4	81,507	1/4	96,733	1/4	111,959	1/4	127,180	1/4	142,401
1/2	5,715	1/2	20,939	1/2	36,165	1/2	51,372	1/2	66,597	1/2	81,824	1/2	97,050	1/2	112,276	1/2	127,497	1/2	142,718
3/4	6,031	3/4	21,257	3/4	36,482	3/4	51,689	3/4	66,915	3/4	82,141	3/4	97,368	3/4	112,593	3/4	127,814	3/4	143,035
5	6,348	5	21,574	5	36,800	5	52,005	5	67,232	5	82,458	5	97,685	5	112,910	5	128,131	5	143,352
1/4	6,665	1/4	21,891	1/4	37,117	1/4	52,323	1/4	67,549	1/4	82,776	1/4	98,002	1/4	113,227	1/4	128,448	1/4	143,669
1/2	6,983	1/2	22,208	1/2	37,434	1/2	52,640	1/2	67,866	1/2	83,093	1/2	98,319	1/2	113,544	1/2	128,765	1/2	143,986
3/4	7,300	3/4	22,525	3/4	37,751	3/4	52,957	3/4	68,184	3/4	83,410	3/4	98,636	3/4	113,862	3/4	129,082	3/4	144,303
6	7,617	6	22,843	6	38,069	6	53,274	6	68,501	6	83,727	6	98,954	6	114,179	6	129,399	6	144,620
1/4	7,934	1/4	23,160	1/4	38,386	1/4	53,591	1/4	68,818	1/4	84,044	1/4	99,271	1/4	114,496	1/4	129,717	1/4	144,937
1/2	8,251	1/2	23,477	1/2	38,703	1/2	53,909	1/2	69,135	1/2	84,362	1/2	99,588	1/2	114,813	1/2	130,034	1/2	145,255
3/4	8,568	3/4	23,794	3/4	39,020	3/4	54,226	3/4	69,452	3/4	84,679	3/4	99,905	3/4	115,130	3/4	130,351	3/4	145,572
7	8,886	7	24,112	7	39,337	7	54,543	7	69,770	7	84,996	7	100,222	7	115,447	7	130,668	7	145,889
1/4	9,203	1/4	24,429	1/4	39,654	1/4	54,860	1/4	70,087	1/4	85,313	1/4	100,540	1/4	115,764	1/4	130,985	1/4	146,206
1/2	9,520	1/2	24,746	1/2	39,971	1/2	55,178	1/2	70,404	1/2	85,630	1/2	100,857	1/2	116,081	1/2	131,302	1/2	146,523
3/4	9,837	3/4	25,063	3/4	40,287	3/4	55,495	3/4	70,721	3/4	85,948	3/4	101,174	3/4	116,398	3/4	131,619	3/4	146,840
8	10,154	8	25,380	8	40,604	8	55,812	8	71,038	8	86,265	8	101,491	8	116,715	8	131,936	8	147,157
1/4	10,472	1/4	25,698	1/4	40,921	1/4	56,129	1/4	71,356	1/4	86,582	1/4	101,809	1/4	117,033	1/4	132,253	1/4	147,474
1/2	10,789	1/2	26,015	1/2	41,238	1/2	56,446	1/2	71,673	1/2	86,899	1/2	102,126	1/2	117,350	1/2	132,570	1/2	147,791
3/4	11,106	3/4	26,332	3/4	41,554	3/4	56,764	3/4	71,990	3/4	87,217	3/4	102,443	3/4	117,667	3/4	132,888	3/4	148,108
9	11,423	9	26,649	9	41,871	9	57,081	9	72,307	9	87,534	9	102,760	9	117,984	9	133,205	9	148,426
1/4	11,741	1/4	26,966	1/4	42,188	1/4	57,398	1/4	72,625	1/4	87,851	1/4	103,077	1/4	118,301	1/4	133,522	1/4	148,743
1/2	12,058	1/2	27,284	1/2	42,504	1/2	57,715	1/2	72,942	1/2	88,168	1/2	103,395	1/2	118,618	1/2	133,839	1/2	149,060
3/4	12,375	3/4	27,601	3/4	42,821	3/4	58,033	3/4	73,259	3/4	88,485	3/4	103,712	3/4	118,935	3/4	134,156	3/4	149,377
10	12,692	10	27,918	10	43,138	10	58,350	10	73,576	10	88,803	10	104,029	10	119,252	10	134,473	10	149,694
1/4	13,009	1/4	28,235	1/4	43,454	1/4	58,667	1/4	73,893	1/4	89,120	1/4	104,346	1/4	119,569	1/4	134,790	1/4	150,011
1/2	13,327	1/2	28,552	1/2	43,771	1/2	58,984	1/2	74,211	1/2	89,437	1/2	104,664	1/2	119,886	1/2	135,107	1/2	150,328
3/4	13,644	3/4	28,870	3/4	44,088	3/4	59,301	3/4	74,528	3/4	89,754	3/4	104,981	3/4	120,204	3/4	135,424	3/4	150,645
11	13,961	11	29,187	11	44,405	11	59,619	11	74,845	11	90,072	11	105,298	11	120,521	11	135,742	11	150,962
1/4	14,278	1/4	29,504	1/4	44,721	1/4	59,936	1/4	75,162	1/4	90,389	1/4	105,615	1/4	120,838	1/4	136,059	1/4	151,279
1/2	14,595	1/2	29,821	1/2	45,038	1/2	60,253	1/2	75,480	1/2	90,706	1/2	105,932	1/2	121,155	1/2	136,376	1/2	151,597
3/4	14,913	3/4	30,138	3/4	45,355	3/4	60,570	3/4	75,797	3/4	91,023	3/4	106,250	3/4	121,472	3/4	136,693	3/4	151,914

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 377"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	152,231	0	167,452	0	182,672	0	197,893	0	213,049	0		0		0		0		0	
1/4	152,548	1/4	167,769	1/4	182,990	1/4	198,210	1/4	213,362	1/4		1/4		1/4		1/4		1/4	
1/2	152,865	1/2	168,086	1/2	183,307	1/2	198,527	1/2	213,675	1/2		1/2		1/2		1/2		1/2	
3/4	153,182	3/4	168,403	3/4	183,624	3/4	198,845	3/4	213,988	3/4		3/4		3/4		3/4		3/4	
1	153,499	1	168,720	1	183,941	1	199,162	1	214,301	1		1		1		1		1	
1/4	153,816	1/4	169,037	1/4	184,258	1/4	199,478	1/4	214,614	1/4		1/4		1/4		1/4		1/4	
1/2	154,133	1/2	169,354	1/2	184,575	1/2	199,793	1/2	214,927	1/2		1/2		1/2		1/2		1/2	
3/4	154,450	3/4	169,671	3/4	184,892	3/4	200,109	3/4	215,240	3/4		3/4		3/4		3/4		3/4	
2	154,768	2	169,988	2	185,209	2	200,425	2	215,553	2		2		2		2		2	
1/4	155,085	1/4	170,306	1/4	185,526	1/4	200,741	1/4	215,866	1/4		1/4		1/4		1/4		1/4	
1/2	155,402	1/2	170,623	1/2	185,843	1/2	201,057	1/2	216,179	1/2		1/2		1/2		1/2		1/2	
3/4	155,719	3/4	170,940	3/4	186,161	3/4	201,373	3/4	216,492	3/4		3/4		3/4		3/4		3/4	
3	156,036	3	171,257	3	186,478	3	201,689	3	216,805	3		3		3		3		3	
1/4	156,353	1/4	171,574	1/4	186,795	1/4	202,005	1/4	217,117	1/4		1/4		1/4		1/4		1/4	
1/2	156,670	1/2	171,891	1/2	187,112	1/2	202,320	1/2	217,430	1/2		1/2		1/2		1/2		1/2	
3/4	156,987	3/4	172,208	3/4	187,429	3/4	202,636	3/4	217,743	3/4		3/4		3/4		3/4		3/4	
4	157,304	4	172,525	4	187,746	4	202,952	4	218,055	4		4		4		4		4	
1/4	157,621	1/4	172,842	1/4	188,063	1/4	203,268	1/4	218,367	1/4		1/4		1/4		1/4		1/4	
1/2	157,939	1/2	173,159	1/2	188,380	1/2	203,584	1/2	218,678	1/2		1/2		1/2		1/2		1/2	
3/4	158,256	3/4	173,477	3/4	188,697	3/4	203,900	3/4	218,989	3/4		3/4		3/4		3/4		3/4	
5	158,573	5	173,794	5	189,014	5	204,216	5	219,301	5		5		5		5		5	
1/4	158,890	1/4	174,111	1/4	189,332	1/4	204,532	1/4	219,587	1/4		1/4		1/4		1/4		1/4	
1/2	159,207	1/2	174,428	1/2	189,649	1/2	204,847	1/2	219,874	1/2		1/2		1/2		1/2		1/2	
3/4	159,524	3/4	174,745	3/4	189,966	3/4	205,163	3/4	220,160	3/4		3/4		3/4		3/4		3/4	
6	159,841	6	175,062	6	190,283	6	205,479	6	220,447	6		6		6		6		6	
1/4	160,158	1/4	175,379	1/4	190,600	1/4	205,795	1/4	220,680	1/4		1/4		1/4		1/4		1/4	
1/2	160,475	1/2	175,696	1/2	190,917	1/2	206,111	1/2	220,914	1/2		1/2		1/2		1/2		1/2	
3/4	160,792	3/4	176,013	3/4	191,234	3/4	206,427	3/4	221,148	3/4		3/4		3/4		3/4		3/4	
7	161,110	7	176,330	7	191,551	7	206,743	7	221,381	7		7		7		7		7	
1/4	161,427	1/4	176,648	1/4	191,868	1/4	207,059	1/4	221,563	1/4		1/4		1/4		1/4		1/4	
1/2	161,744	1/2	176,965	1/2	192,185	1/2	207,375	1/2	221,745	1/2		1/2		1/2		1/2		1/2	
3/4	162,061	3/4	177,282	3/4	192,503	3/4	207,690	3/4	221,927	3/4		3/4		3/4		3/4		3/4	
8	162,378	8	177,599	8	192,820	8	208,006	8	222,109	8		8		8		8		8	
1/4	162,695	1/4	177,916	1/4	193,137	1/4	208,322	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,012	1/2	178,233	1/2	193,454	1/2	208,638	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,329	3/4	178,550	3/4	193,771	3/4	208,954	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,646	9	178,867	9	194,088	9	209,270	9		9		9		9		9		9	
1/4	163,963	1/4	179,184	1/4	194,405	1/4	209,586	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,281	1/2	179,501	1/2	194,722	1/2	209,902	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,598	3/4	179,819	3/4	195,039	3/4	210,218	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,915	10	180,136	10	195,356	10	210,534	10		10		10		10		10		10	
1/4	165,232	1/4	180,453	1/4	195,674	1/4	210,850	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,549	1/2	180,770	1/2	195,991	1/2	211,166	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,866	3/4	181,087	3/4	196,308	3/4	211,482	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,183	11	181,404	11	196,625	11	211,798	11		11		11		11		11		11	
1/4	166,500	1/4	181,721	1/4	196,942	1/4	212,111	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,817	1/2	182,038	1/2	197,259	1/2	212,424	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,134	3/4	182,355	3/4	197,576	3/4	212,737	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	964	0	15,228	0	30,452	0	45,626	0	60,801	0	76,025	0	91,250	0	106,474	0	121,695	0	136,914
1/4	1,149	1/4	15,545	1/4	30,769	1/4	45,941	1/4	61,118	1/4	76,342	1/4	91,567	1/4	106,792	1/4	122,012	1/4	137,231
1/2	1,334	1/2	15,862	1/2	31,086	1/2	46,256	1/2	61,435	1/2	76,659	1/2	91,884	1/2	107,109	1/2	122,329	1/2	137,548
3/4	1,519	3/4	16,179	3/4	31,403	3/4	46,571	3/4	61,752	3/4	76,977	3/4	92,201	3/4	107,426	3/4	122,646	3/4	137,865
1	1,704	1	16,497	1	31,721	1	46,886	1	62,069	1	77,294	1	92,518	1	107,743	1	122,963	1	138,182
1/4	1,942	1/4	16,814	1/4	32,038	1/4	47,201	1/4	62,386	1/4	77,611	1/4	92,836	1/4	108,060	1/4	123,280	1/4	138,499
1/2	2,180	1/2	17,131	1/2	32,355	1/2	47,516	1/2	62,704	1/2	77,928	1/2	93,153	1/2	108,377	1/2	123,597	1/2	138,816
3/4	2,417	3/4	17,448	3/4	32,672	3/4	47,831	3/4	63,021	3/4	78,245	3/4	93,470	3/4	108,695	3/4	123,914	3/4	139,133
2	2,655	2	17,765	2	32,989	2	48,146	2	63,338	2	78,563	2	93,787	2	109,012	2	124,231	2	139,450
1/4	2,946	1/4	18,082	1/4	33,306	1/4	48,461	1/4	63,655	1/4	78,880	1/4	94,104	1/4	109,329	1/4	124,548	1/4	139,767
1/2	3,237	1/2	18,400	1/2	33,624	1/2	48,776	1/2	63,972	1/2	79,197	1/2	94,422	1/2	109,646	1/2	124,865	1/2	140,084
3/4	3,527	3/4	18,717	3/4	33,941	3/4	49,091	3/4	64,289	3/4	79,514	3/4	94,739	3/4	109,963	3/4	125,182	3/4	140,401
3	3,818	3	19,034	3	34,258	3	49,406	3	64,607	3	79,831	3	95,056	3	110,280	3	125,500	3	140,719
1/4	4,134	1/4	19,351	1/4	34,575	1/4	49,721	1/4	64,924	1/4	80,148	1/4	95,373	1/4	110,598	1/4	125,817	1/4	141,036
1/2	4,449	1/2	19,668	1/2	34,892	1/2	50,036	1/2	65,241	1/2	80,466	1/2	95,690	1/2	110,915	1/2	126,134	1/2	141,353
3/4	4,765	3/4	19,985	3/4	35,209	3/4	50,351	3/4	65,558	3/4	80,783	3/4	96,007	3/4	111,232	3/4	126,451	3/4	141,670
4	5,081	4	20,303	4	35,527	4	50,666	4	65,875	4	81,100	4	96,325	4	111,549	4	126,768	4	141,987
1/4	5,397	1/4	20,620	1/4	35,844	1/4	50,981	1/4	66,193	1/4	81,417	1/4	96,642	1/4	111,866	1/4	127,085	1/4	142,304
1/2	5,714	1/2	20,937	1/2	36,161	1/2	51,296	1/2	66,510	1/2	81,734	1/2	96,959	1/2	112,183	1/2	127,402	1/2	142,621
3/4	6,031	3/4	21,254	3/4	36,478	3/4	51,611	3/4	66,827	3/4	82,052	3/4	97,276	3/4	112,500	3/4	127,719	3/4	142,938
5	6,347	5	21,571	5	36,795	5	51,926	5	67,144	5	82,369	5	97,593	5	112,817	5	128,036	5	143,255
1/4	6,665	1/4	21,888	1/4	37,112	1/4	52,242	1/4	67,461	1/4	82,686	1/4	97,911	1/4	113,134	1/4	128,353	1/4	143,572
1/2	6,982	1/2	22,206	1/2	37,430	1/2	52,557	1/2	67,778	1/2	83,003	1/2	98,228	1/2	113,451	1/2	128,670	1/2	143,889
3/4	7,299	3/4	22,523	3/4	37,747	3/4	52,873	3/4	68,096	3/4	83,320	3/4	98,545	3/4	113,768	3/4	128,987	3/4	144,206
6	7,616	6	22,840	6	38,064	6	53,188	6	68,413	6	83,637	6	98,862	6	114,085	6	129,304	6	144,523
1/4	7,933	1/4	23,157	1/4	38,379	1/4	53,505	1/4	68,730	1/4	83,955	1/4	99,179	1/4	114,402	1/4	129,621	1/4	144,840
1/2	8,250	1/2	23,474	1/2	38,695	1/2	53,823	1/2	69,047	1/2	84,272	1/2	99,496	1/2	114,719	1/2	129,938	1/2	145,157
3/4	8,567	3/4	23,791	3/4	39,010	3/4	54,140	3/4	69,364	3/4	84,589	3/4	99,814	3/4	115,036	3/4	130,255	3/4	145,474
7	8,885	7	24,109	7	39,326	7	54,457	7	69,682	7	84,906	7	100,131	7	115,354	7	130,573	7	145,792
1/4	9,202	1/4	24,426	1/4	39,641	1/4	54,774	1/4	69,999	1/4	85,223	1/4	100,448	1/4	115,671	1/4	130,890	1/4	146,109
1/2	9,519	1/2	24,743	1/2	39,956	1/2	55,091	1/2	70,316	1/2	85,541	1/2	100,765	1/2	115,988	1/2	131,207	1/2	146,426
3/4	9,836	3/4	25,060	3/4	40,271	3/4	55,408	3/4	70,633	3/4	85,858	3/4	101,082	3/4	116,305	3/4	131,524	3/4	146,743
8	10,153	8	25,377	8	40,586	8	55,726	8	70,950	8	86,175	8	101,399	8	116,622	8	131,841	8	147,060
1/4	10,470	1/4	25,694	1/4	40,901	1/4	56,043	1/4	71,267	1/4	86,492	1/4	101,717	1/4	116,939	1/4	132,158	1/4	147,377
1/2	10,788	1/2	26,012	1/2	41,216	1/2	56,360	1/2	71,585	1/2	86,809	1/2	102,034	1/2	117,256	1/2	132,475	1/2	147,694
3/4	11,105	3/4	26,329	3/4	41,531	3/4	56,677	3/4	71,902	3/4	87,126	3/4	102,351	3/4	117,573	3/4	132,792	3/4	148,011
9	11,422	9	26,646	9	41,846	9	56,994	9	72,219	9	87,444	9	102,668	9	117,890	9	133,109	9	148,328
1/4	11,739	1/4	26,963	1/4	42,161	1/4	57,312	1/4	72,536	1/4	87,761	1/4	102,985	1/4	118,207	1/4	133,426	1/4	148,645
1/2	12,056	1/2	27,280	1/2	42,476	1/2	57,629	1/2	72,853	1/2	88,078	1/2	103,303	1/2	118,524	1/2	133,743	1/2	148,962
3/4	12,373	3/4	27,597	3/4	42,791	3/4	57,946	3/4	73,171	3/4	88,395	3/4	103,620	3/4	118,841	3/4	134,060	3/4	149,279
10	12,691	10	27,915	10	43,106	10	58,263	10	73,488	10	88,712	10	103,937	10	119,158	10	134,377	10	149,596
1/4	13,008	1/4	28,232	1/4	43,421	1/4	58,580	1/4	73,805	1/4	89,029	1/4	104,254	1/4	119,475	1/4	134,694	1/4	149,913
1/2	13,325	1/2	28,549	1/2	43,736	1/2	58,897	1/2	74,122	1/2	89,347	1/2	104,571	1/2	119,792	1/2	135,011	1/2	150,230
3/4	13,642	3/4	28,866	3/4	44,051	3/4	59,215	3/4	74,439	3/4	89,664	3/4	104,888	3/4	120,109	3/4	135,328	3/4	150,547
11	13,959	11	29,183	11	44,366	11	59,532	11	74,756	11	89,981	11	105,206	11	120,427	11	135,646	11	150,865
1/4	14,276	1/4	29,500	1/4	44,681	1/4	59,849	1/4	75,074	1/4	90,298	1/4	105,523	1/4	120,744	1/4	135,963	1/4	151,182
1/2	14,594	1/2	29,818	1/2	44,996	1/2	60,166	1/2	75,391	1/2	90,615	1/2	105,840	1/2	121,061	1/2	136,280	1/2	151,499
3/4	14,911	3/4	30,135	3/4	45,311	3/4	60,483	3/4	75,708	3/4	90,933	3/4	106,157	3/4	121,378	3/4	136,597	3/4	151,816

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 377"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	152,133	0	167,352	0	182,571	0	197,790	0	212,944	0		0		0		0		0	
1/4	152,450	1/4	167,669	1/4	182,888	1/4	198,107	1/4	213,257	1/4		1/4		1/4		1/4		1/4	
1/2	152,767	1/2	167,986	1/2	183,205	1/2	198,424	1/2	213,570	1/2		1/2		1/2		1/2		1/2	
3/4	153,084	3/4	168,303	3/4	183,522	3/4	198,741	3/4	213,883	3/4		3/4		3/4		3/4		3/4	
1	153,401	1	168,620	1	183,839	1	199,058	1	214,196	1		1		1		1		1	
1/4	153,718	1/4	168,937	1/4	184,156	1/4	199,374	1/4	214,509	1/4		1/4		1/4		1/4		1/4	
1/2	154,035	1/2	169,254	1/2	184,473	1/2	199,690	1/2	214,822	1/2		1/2		1/2		1/2		1/2	
3/4	154,352	3/4	169,571	3/4	184,790	3/4	200,006	3/4	215,135	3/4		3/4		3/4		3/4		3/4	
2	154,669	2	169,888	2	185,107	2	200,321	2	215,448	2		2		2		2		2	
1/4	154,986	1/4	170,205	1/4	185,424	1/4	200,637	1/4	215,760	1/4		1/4		1/4		1/4		1/4	
1/2	155,303	1/2	170,522	1/2	185,741	1/2	200,953	1/2	216,073	1/2		1/2		1/2		1/2		1/2	
3/4	155,620	3/4	170,839	3/4	186,058	3/4	201,269	3/4	216,386	3/4		3/4		3/4		3/4		3/4	
3	155,938	3	171,157	3	186,376	3	201,585	3	216,699	3		3		3		3		3	
1/4	156,255	1/4	171,474	1/4	186,693	1/4	201,901	1/4	217,012	1/4		1/4		1/4		1/4		1/4	
1/2	156,572	1/2	171,791	1/2	187,010	1/2	202,216	1/2	217,324	1/2		1/2		1/2		1/2		1/2	
3/4	156,889	3/4	172,108	3/4	187,327	3/4	202,532	3/4	217,637	3/4		3/4		3/4		3/4		3/4	
4	157,206	4	172,425	4	187,644	4	202,848	4	217,949	4		4		4		4		4	
1/4	157,523	1/4	172,742	1/4	187,961	1/4	203,164	1/4	218,260	1/4		1/4		1/4		1/4		1/4	
1/2	157,840	1/2	173,059	1/2	188,278	1/2	203,480	1/2	218,572	1/2		1/2		1/2		1/2		1/2	
3/4	158,157	3/4	173,376	3/4	188,595	3/4	203,796	3/4	218,883	3/4		3/4		3/4		3/4		3/4	
5	158,474	5	173,693	5	188,912	5	204,111	5	219,195	5		5		5		5		5	
1/4	158,791	1/4	174,010	1/4	189,229	1/4	204,427	1/4	219,481	1/4		1/4		1/4		1/4		1/4	
1/2	159,108	1/2	174,327	1/2	189,546	1/2	204,743	1/2	219,768	1/2		1/2		1/2		1/2		1/2	
3/4	159,425	3/4	174,644	3/4	189,863	3/4	205,059	3/4	220,054	3/4		3/4		3/4		3/4		3/4	
6	159,742	6	174,961	6	190,180	6	205,375	6	220,340	6		6		6		6		6	
1/4	160,059	1/4	175,278	1/4	190,497	1/4	205,691	1/4	220,574	1/4		1/4		1/4		1/4		1/4	
1/2	160,376	1/2	175,595	1/2	190,814	1/2	206,007	1/2	220,808	1/2		1/2		1/2		1/2		1/2	
3/4	160,693	3/4	175,912	3/4	191,131	3/4	206,322	3/4	221,041	3/4		3/4		3/4		3/4		3/4	
7	161,011	7	176,230	7	191,449	7	206,638	7	221,275	7		7		7		7		7	
1/4	161,328	1/4	176,547	1/4	191,766	1/4	206,954	1/4	221,457	1/4		1/4		1/4		1/4		1/4	
1/2	161,645	1/2	176,864	1/2	192,083	1/2	207,270	1/2	221,639	1/2		1/2		1/2		1/2		1/2	
3/4	161,962	3/4	177,181	3/4	192,400	3/4	207,586	3/4	221,821	3/4		3/4		3/4		3/4		3/4	
8	162,279	8	177,498	8	192,717	8	207,902	8	222,003	8		8		8		8		8	
1/4	162,596	1/4	177,815	1/4	193,034	1/4	208,217	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,913	1/2	178,132	1/2	193,351	1/2	208,533	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,230	3/4	178,449	3/4	193,668	3/4	208,849	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,547	9	178,766	9	193,985	9	209,165	9		9		9		9		9		9	
1/4	163,864	1/4	179,083	1/4	194,302	1/4	209,481	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,181	1/2	179,400	1/2	194,619	1/2	209,797	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,498	3/4	179,717	3/4	194,936	3/4	210,113	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,815	10	180,034	10	195,253	10	210,429	10		10		10		10		10		10	
1/4	165,132	1/4	180,351	1/4	195,570	1/4	210,745	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,449	1/2	180,668	1/2	195,887	1/2	211,061	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,766	3/4	180,985	3/4	196,204	3/4	211,376	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,084	11	181,303	11	196,522	11	211,692	11		11		11		11		11		11	
1/4	166,401	1/4	181,620	1/4	196,839	1/4	212,005	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,718	1/2	181,937	1/2	197,156	1/2	212,318	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,035	3/4	182,254	3/4	197,473	3/4	212,631	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	961	0	15,184	0	30,364	0	45,534	0	60,705	0	75,886	0	91,066	0	106,247	0	121,424	0	136,599
1/4	1,146	1/4	15,500	1/4	30,681	1/4	45,850	1/4	61,021	1/4	76,202	1/4	91,383	1/4	106,564	1/4	121,740	1/4	136,915
1/2	1,330	1/2	15,817	1/2	30,997	1/2	46,166	1/2	61,337	1/2	76,518	1/2	91,699	1/2	106,880	1/2	122,056	1/2	137,231
3/4	1,515	3/4	16,133	3/4	31,313	3/4	46,482	3/4	61,654	3/4	76,834	3/4	92,015	3/4	107,196	3/4	122,372	3/4	137,547
1	1,699	1	16,449	1	31,629	1	46,797	1	61,970	1	77,151	1	92,332	1	107,512	1	122,688	1	137,864
1/4	1,936	1/4	16,765	1/4	31,946	1/4	47,113	1/4	62,286	1/4	77,467	1/4	92,648	1/4	107,829	1/4	123,005	1/4	138,180
1/2	2,173	1/2	17,082	1/2	32,262	1/2	47,429	1/2	62,603	1/2	77,783	1/2	92,964	1/2	108,145	1/2	123,321	1/2	138,496
3/4	2,411	3/4	17,398	3/4	32,578	3/4	47,745	3/4	62,919	3/4	78,100	3/4	93,280	3/4	108,461	3/4	123,637	3/4	138,812
2	2,648	2	17,714	2	32,894	2	48,060	2	63,235	2	78,416	2	93,597	2	108,777	2	123,953	2	139,128
1/4	2,938	1/4	18,030	1/4	33,211	1/4	48,376	1/4	63,551	1/4	78,732	1/4	93,913	1/4	109,094	1/4	124,269	1/4	139,444
1/2	3,227	1/2	18,347	1/2	33,527	1/2	48,692	1/2	63,868	1/2	79,048	1/2	94,229	1/2	109,410	1/2	124,585	1/2	139,761
3/4	3,517	3/4	18,663	3/4	33,843	3/4	49,008	3/4	64,184	3/4	79,365	3/4	94,545	3/4	109,726	3/4	124,901	3/4	140,077
3	3,807	3	18,979	3	34,159	3	49,323	3	64,500	3	79,681	3	94,862	3	110,042	3	125,218	3	140,393
1/4	4,122	1/4	19,295	1/4	34,476	1/4	49,639	1/4	64,816	1/4	79,997	1/4	95,178	1/4	110,359	1/4	125,534	1/4	140,709
1/2	4,436	1/2	19,612	1/2	34,792	1/2	49,955	1/2	65,133	1/2	80,313	1/2	95,494	1/2	110,675	1/2	125,850	1/2	141,025
3/4	4,751	3/4	19,928	3/4	35,108	3/4	50,271	3/4	65,449	3/4	80,630	3/4	95,810	3/4	110,991	3/4	126,166	3/4	141,341
4	5,066	4	20,244	4	35,424	4	50,586	4	65,765	4	80,946	4	96,127	4	111,307	4	126,482	4	141,657
1/4	5,382	1/4	20,560	1/4	35,741	1/4	50,902	1/4	66,081	1/4	81,262	1/4	96,443	1/4	111,623	1/4	126,798	1/4	141,974
1/2	5,698	1/2	20,877	1/2	36,057	1/2	51,218	1/2	66,398	1/2	81,578	1/2	96,759	1/2	111,939	1/2	127,115	1/2	142,290
3/4	6,013	3/4	21,193	3/4	36,373	3/4	51,534	3/4	66,714	3/4	81,895	3/4	97,076	3/4	112,255	3/4	127,431	3/4	142,606
5	6,329	5	21,509	5	36,689	5	51,849	5	67,030	5	82,211	5	97,392	5	112,572	5	127,747	5	142,922
1/4	6,645	1/4	21,825	1/4	37,006	1/4	52,166	1/4	67,346	1/4	82,527	1/4	97,708	1/4	112,888	1/4	128,063	1/4	143,238
1/2	6,962	1/2	22,142	1/2	37,322	1/2	52,482	1/2	67,663	1/2	82,844	1/2	98,024	1/2	113,204	1/2	128,379	1/2	143,554
3/4	7,278	3/4	22,458	3/4	37,638	3/4	52,798	3/4	67,979	3/4	83,160	3/4	98,341	3/4	113,520	3/4	128,695	3/4	143,870
6	7,594	6	22,774	6	37,954	6	53,115	6	68,295	6	83,476	6	98,657	6	113,836	6	129,011	6	144,187
1/4	7,910	1/4	23,090	1/4	38,271	1/4	53,431	1/4	68,612	1/4	83,792	1/4	98,973	1/4	114,152	1/4	129,328	1/4	144,503
1/2	8,227	1/2	23,407	1/2	38,587	1/2	53,747	1/2	68,928	1/2	84,109	1/2	99,289	1/2	114,469	1/2	129,644	1/2	144,819
3/4	8,543	3/4	23,723	3/4	38,903	3/4	54,063	3/4	69,244	3/4	84,425	3/4	99,606	3/4	114,785	3/4	129,960	3/4	145,135
7	8,859	7	24,039	7	39,219	7	54,380	7	69,560	7	84,741	7	99,922	7	115,101	7	130,276	7	145,451
1/4	9,175	1/4	24,355	1/4	39,535	1/4	54,696	1/4	69,877	1/4	85,057	1/4	100,238	1/4	115,417	1/4	130,592	1/4	145,767
1/2	9,492	1/2	24,672	1/2	39,851	1/2	55,012	1/2	70,193	1/2	85,374	1/2	100,554	1/2	115,733	1/2	130,908	1/2	146,084
3/4	9,808	3/4	24,988	3/4	40,167	3/4	55,328	3/4	70,509	3/4	85,690	3/4	100,871	3/4	116,049	3/4	131,224	3/4	146,400
8	10,124	8	25,304	8	40,482	8	55,645	8	70,825	8	86,006	8	101,187	8	116,365	8	131,541	8	146,716
1/4	10,440	1/4	25,621	1/4	40,798	1/4	55,961	1/4	71,142	1/4	86,322	1/4	101,503	1/4	116,682	1/4	131,857	1/4	147,032
1/2	10,757	1/2	25,937	1/2	41,114	1/2	56,277	1/2	71,458	1/2	86,639	1/2	101,820	1/2	116,998	1/2	132,173	1/2	147,348
3/4	11,073	3/4	26,253	3/4	41,430	3/4	56,593	3/4	71,774	3/4	86,955	3/4	102,136	3/4	117,314	3/4	132,489	3/4	147,664
9	11,389	9	26,569	9	41,745	9	56,910	9	72,090	9	87,271	9	102,452	9	117,630	9	132,805	9	147,980
1/4	11,705	1/4	26,886	1/4	42,061	1/4	57,226	1/4	72,407	1/4	87,588	1/4	102,768	1/4	117,946	1/4	133,121	1/4	148,297
1/2	12,022	1/2	27,202	1/2	42,377	1/2	57,542	1/2	72,723	1/2	87,904	1/2	103,085	1/2	118,262	1/2	133,438	1/2	148,613
3/4	12,338	3/4	27,518	3/4	42,693	3/4	57,859	3/4	73,039	3/4	88,220	3/4	103,401	3/4	118,578	3/4	133,754	3/4	148,929
10	12,654	10	27,834	10	43,008	10	58,175	10	73,356	10	88,536	10	103,717	10	118,895	10	134,070	10	149,245
1/4	12,970	1/4	28,151	1/4	43,324	1/4	58,491	1/4	73,672	1/4	88,853	1/4	104,033	1/4	119,211	1/4	134,386	1/4	149,561
1/2	13,287	1/2	28,467	1/2	43,640	1/2	58,807	1/2	73,988	1/2	89,169	1/2	104,350	1/2	119,527	1/2	134,702	1/2	149,877
3/4	13,603	3/4	28,783	3/4	43,956	3/4	59,124	3/4	74,304	3/4	89,485	3/4	104,666	3/4	119,843	3/4	135,018	3/4	150,193
11	13,919	11	29,099	11	44,271	11	59,440	11	74,621	11	89,801	11	104,982	11	120,159	11	135,334	11	150,510
1/4	14,235	1/4	29,416	1/4	44,587	1/4	59,756	1/4	74,937	1/4	90,118	1/4	105,298	1/4	120,475	1/4	135,651	1/4	150,826
1/2	14,552	1/2	29,732	1/2	44,903	1/2	60,072	1/2	75,253	1/2	90,434	1/2	105,615	1/2	120,792	1/2	135,967	1/2	151,142
3/4	14,868	3/4	30,048	3/4	45,219	3/4	60,389	3/4	75,569	3/4	90,750	3/4	105,931	3/4	121,108	3/4	136,283	3/4	151,458

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 377"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	151,774	0	166,949	0	182,125	0	197,300	0	212,410	0		0		0		0		0	
1/4	152,090	1/4	167,266	1/4	182,441	1/4	197,616	1/4	212,722	1/4		1/4		1/4		1/4		1/4	
1/2	152,407	1/2	167,582	1/2	182,757	1/2	197,932	1/2	213,034	1/2		1/2		1/2		1/2		1/2	
3/4	152,723	3/4	167,898	3/4	183,073	3/4	198,248	3/4	213,346	3/4		3/4		3/4		3/4		3/4	
1	153,039	1	168,214	1	183,389	1	198,564	1	213,658	1		1		1		1		1	
1/4	153,355	1/4	168,530	1/4	183,705	1/4	198,879	1/4	213,970	1/4		1/4		1/4		1/4		1/4	
1/2	153,671	1/2	168,846	1/2	184,022	1/2	199,194	1/2	214,283	1/2		1/2		1/2		1/2		1/2	
3/4	153,987	3/4	169,162	3/4	184,338	3/4	199,509	3/4	214,595	3/4		3/4		3/4		3/4		3/4	
2	154,303	2	169,479	2	184,654	2	199,824	2	214,907	2		2		2		2		2	
1/4	154,620	1/4	169,795	1/4	184,970	1/4	200,139	1/4	215,219	1/4		1/4		1/4		1/4		1/4	
1/2	154,936	1/2	170,111	1/2	185,286	1/2	200,454	1/2	215,530	1/2		1/2		1/2		1/2		1/2	
3/4	155,252	3/4	170,427	3/4	185,602	3/4	200,769	3/4	215,842	3/4		3/4		3/4		3/4		3/4	
3	155,568	3	170,743	3	185,918	3	201,084	3	216,154	3		3		3		3		3	
1/4	155,884	1/4	171,059	1/4	186,235	1/4	201,399	1/4	216,466	1/4		1/4		1/4		1/4		1/4	
1/2	156,200	1/2	171,376	1/2	186,551	1/2	201,714	1/2	216,778	1/2		1/2		1/2		1/2		1/2	
3/4	156,516	3/4	171,692	3/4	186,867	3/4	202,029	3/4	217,089	3/4		3/4		3/4		3/4		3/4	
4	156,833	4	172,008	4	187,183	4	202,344	4	217,401	4		4		4		4		4	
1/4	157,149	1/4	172,324	1/4	187,499	1/4	202,658	1/4	217,711	1/4		1/4		1/4		1/4		1/4	
1/2	157,465	1/2	172,640	1/2	187,815	1/2	202,973	1/2	218,022	1/2		1/2		1/2		1/2		1/2	
3/4	157,781	3/4	172,956	3/4	188,131	3/4	203,288	3/4	218,332	3/4		3/4		3/4		3/4		3/4	
5	158,097	5	173,272	5	188,448	5	203,603	5	218,643	5		5		5		5		5	
1/4	158,413	1/4	173,589	1/4	188,764	1/4	203,918	1/4	218,928	1/4		1/4		1/4		1/4		1/4	
1/2	158,730	1/2	173,905	1/2	189,080	1/2	204,233	1/2	219,214	1/2		1/2		1/2		1/2		1/2	
3/4	159,046	3/4	174,221	3/4	189,396	3/4	204,548	3/4	219,500	3/4		3/4		3/4		3/4		3/4	
6	159,362	6	174,537	6	189,712	6	204,863	6	219,785	6		6		6		6		6	
1/4	159,678	1/4	174,853	1/4	190,028	1/4	205,178	1/4	220,018	1/4		1/4		1/4		1/4		1/4	
1/2	159,994	1/2	175,169	1/2	190,344	1/2	205,493	1/2	220,251	1/2		1/2		1/2		1/2		1/2	
3/4	160,310	3/4	175,485	3/4	190,661	3/4	205,808	3/4	220,484	3/4		3/4		3/4		3/4		3/4	
7	160,626	7	175,802	7	190,977	7	206,123	7	220,717	7		7		7		7		7	
1/4	160,943	1/4	176,118	1/4	191,293	1/4	206,438	1/4	220,898	1/4		1/4		1/4		1/4		1/4	
1/2	161,259	1/2	176,434	1/2	191,609	1/2	206,753	1/2	221,080	1/2		1/2		1/2		1/2		1/2	
3/4	161,575	3/4	176,750	3/4	191,925	3/4	207,067	3/4	221,261	3/4		3/4		3/4		3/4		3/4	
8	161,891	8	177,066	8	192,241	8	207,382	8	221,443	8		8		8		8		8	
1/4	162,207	1/4	177,382	1/4	192,558	1/4	207,697	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,523	1/2	177,699	1/2	192,874	1/2	208,012	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,839	3/4	178,015	3/4	193,190	3/4	208,327	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,156	9	178,331	9	193,506	9	208,642	9		9		9		9		9		9	
1/4	163,472	1/4	178,647	1/4	193,822	1/4	208,957	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,788	1/2	178,963	1/2	194,138	1/2	209,272	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,104	3/4	179,279	3/4	194,454	3/4	209,587	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,420	10	179,595	10	194,771	10	209,902	10		10		10		10		10		10	
1/4	164,736	1/4	179,912	1/4	195,087	1/4	210,217	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,053	1/2	180,228	1/2	195,403	1/2	210,532	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,369	3/4	180,544	3/4	195,719	3/4	210,847	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,685	11	180,860	11	196,035	11	211,162	11		11		11		11		11		11	
1/4	166,001	1/4	181,176	1/4	196,351	1/4	211,474	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,317	1/2	181,492	1/2	196,667	1/2	211,786	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,633	3/4	181,808	3/4	196,984	3/4	212,098	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	962	0	15,197	0	30,390	0	45,239	0	60,088	0	75,282	0	90,475	0	105,669	0	120,858	0	136,046
1/4	1,147	1/4	15,513	1/4	30,706	1/4	45,541	1/4	60,405	1/4	75,598	1/4	90,792	1/4	105,985	1/4	121,175	1/4	136,363
1/2	1,331	1/2	15,830	1/2	31,023	1/2	45,843	1/2	60,721	1/2	75,915	1/2	91,108	1/2	106,302	1/2	121,491	1/2	136,679
3/4	1,516	3/4	16,146	3/4	31,339	3/4	46,145	3/4	61,038	3/4	76,231	3/4	91,425	3/4	106,618	3/4	121,807	3/4	136,995
1	1,700	1	16,463	1	31,656	1	46,447	1	61,354	1	76,548	1	91,741	1	106,935	1	122,124	1	137,312
1/4	1,938	1/4	16,780	1/4	31,972	1/4	46,749	1/4	61,671	1/4	76,864	1/4	92,058	1/4	107,252	1/4	122,440	1/4	137,628
1/2	2,175	1/2	17,096	1/2	32,289	1/2	47,051	1/2	61,987	1/2	77,181	1/2	92,375	1/2	107,568	1/2	122,757	1/2	137,945
3/4	2,413	3/4	17,413	3/4	32,606	3/4	47,354	3/4	62,304	3/4	77,497	3/4	92,691	3/4	107,885	3/4	123,073	3/4	138,261
2	2,650	2	17,729	2	32,922	2	47,656	2	62,620	2	77,814	2	93,008	2	108,201	2	123,390	2	138,578
1/4	2,940	1/4	18,046	1/4	33,239	1/4	47,958	1/4	62,937	1/4	78,131	1/4	93,324	1/4	108,518	1/4	123,706	1/4	138,894
1/2	3,230	1/2	18,362	1/2	33,555	1/2	48,260	1/2	63,253	1/2	78,447	1/2	93,641	1/2	108,834	1/2	124,022	1/2	139,210
3/4	3,520	3/4	18,679	3/4	33,872	3/4	48,562	3/4	63,570	3/4	78,764	3/4	93,957	3/4	109,151	3/4	124,339	3/4	139,527
3	3,810	3	18,995	3	34,188	3	48,864	3	63,887	3	79,080	3	94,274	3	109,467	3	124,655	3	139,843
1/4	4,125	1/4	19,312	1/4	34,505	1/4	49,166	1/4	64,203	1/4	79,397	1/4	94,590	1/4	109,784	1/4	124,972	1/4	140,160
1/2	4,440	1/2	19,628	1/2	34,821	1/2	49,468	1/2	64,520	1/2	79,713	1/2	94,907	1/2	110,100	1/2	125,288	1/2	140,476
3/4	4,755	3/4	19,945	3/4	35,138	3/4	49,770	3/4	64,836	3/4	80,030	3/4	95,223	3/4	110,417	3/4	125,604	3/4	140,792
4	5,070	4	20,261	4	35,454	4	50,072	4	65,153	4	80,346	4	95,540	4	110,733	4	125,921	4	141,109
1/4	5,386	1/4	20,578	1/4	35,771	1/4	50,375	1/4	65,469	1/4	80,663	1/4	95,856	1/4	111,049	1/4	126,237	1/4	141,425
1/2	5,702	1/2	20,894	1/2	36,087	1/2	50,677	1/2	65,786	1/2	80,979	1/2	96,173	1/2	111,366	1/2	126,554	1/2	141,742
3/4	6,018	3/4	21,211	3/4	36,404	3/4	50,979	3/4	66,102	3/4	81,296	3/4	96,489	3/4	111,682	3/4	126,870	3/4	142,058
5	6,335	5	21,527	5	36,720	5	51,281	5	66,419	5	81,612	5	96,806	5	111,999	5	127,187	5	142,375
1/4	6,651	1/4	21,844	1/4	37,037	1/4	51,584	1/4	66,735	1/4	81,929	1/4	97,122	1/4	112,315	1/4	127,503	1/4	142,691
1/2	6,967	1/2	22,160	1/2	37,353	1/2	51,886	1/2	67,052	1/2	82,245	1/2	97,439	1/2	112,631	1/2	127,819	1/2	143,007
3/4	7,284	3/4	22,477	3/4	37,670	3/4	52,189	3/4	67,368	3/4	82,562	3/4	97,756	3/4	112,948	3/4	128,136	3/4	143,324
6	7,600	6	22,793	6	37,986	6	52,491	6	67,685	6	82,879	6	98,072	6	113,264	6	128,452	6	143,640
1/4	7,917	1/4	23,110	1/4	38,289	1/4	52,808	1/4	68,001	1/4	83,195	1/4	98,389	1/4	113,581	1/4	128,769	1/4	143,957
1/2	8,233	1/2	23,426	1/2	38,592	1/2	53,124	1/2	68,318	1/2	83,512	1/2	98,705	1/2	113,897	1/2	129,085	1/2	144,273
3/4	8,550	3/4	23,743	3/4	38,894	3/4	53,441	3/4	68,635	3/4	83,828	3/4	99,022	3/4	114,214	3/4	129,401	3/4	144,589
7	8,867	7	24,059	7	39,197	7	53,758	7	68,951	7	84,145	7	99,338	7	114,530	7	129,718	7	144,906
1/4	9,183	1/4	24,376	1/4	39,499	1/4	54,074	1/4	69,268	1/4	84,461	1/4	99,655	1/4	114,846	1/4	130,034	1/4	145,222
1/2	9,500	1/2	24,693	1/2	39,801	1/2	54,391	1/2	69,584	1/2	84,778	1/2	99,971	1/2	115,163	1/2	130,351	1/2	145,539
3/4	9,816	3/4	25,009	3/4	40,103	3/4	54,707	3/4	69,901	3/4	85,094	3/4	100,288	3/4	115,479	3/4	130,667	3/4	145,855
8	10,133	8	25,326	8	40,405	8	55,024	8	70,217	8	85,411	8	100,604	8	115,796	8	130,984	8	146,172
1/4	10,449	1/4	25,642	1/4	40,707	1/4	55,340	1/4	70,534	1/4	85,727	1/4	100,921	1/4	116,112	1/4	131,300	1/4	146,488
1/2	10,766	1/2	25,959	1/2	41,009	1/2	55,657	1/2	70,850	1/2	86,044	1/2	101,237	1/2	116,428	1/2	131,616	1/2	146,804
3/4	11,082	3/4	26,275	3/4	41,312	3/4	55,973	3/4	71,167	3/4	86,360	3/4	101,554	3/4	116,745	3/4	131,933	3/4	147,121
9	11,399	9	26,592	9	41,614	9	56,290	9	71,483	9	86,677	9	101,870	9	117,061	9	132,249	9	147,437
1/4	11,715	1/4	26,908	1/4	41,916	1/4	56,606	1/4	71,800	1/4	86,993	1/4	102,187	1/4	117,378	1/4	132,566	1/4	147,754
1/2	12,032	1/2	27,225	1/2	42,218	1/2	56,923	1/2	72,116	1/2	87,310	1/2	102,504	1/2	117,694	1/2	132,882	1/2	148,070
3/4	12,348	3/4	27,541	3/4	42,520	3/4	57,239	3/4	72,433	3/4	87,627	3/4	102,820	3/4	118,011	3/4	133,198	3/4	148,386
10	12,665	10	27,858	10	42,822	10	57,556	10	72,749	10	87,943	10	103,137	10	118,327	10	133,515	10	148,703
1/4	12,981	1/4	28,174	1/4	43,124	1/4	57,872	1/4	73,066	1/4	88,260	1/4	103,453	1/4	118,643	1/4	133,831	1/4	149,019
1/2	13,298	1/2	28,491	1/2	43,426	1/2	58,189	1/2	73,383	1/2	88,576	1/2	103,770	1/2	118,960	1/2	134,148	1/2	149,336
3/4	13,614	3/4	28,807	3/4	43,728	3/4	58,506	3/4	73,699	3/4	88,893	3/4	104,086	3/4	119,276	3/4	134,464	3/4	149,652
11	13,931	11	29,124	11	44,030	11	58,822	11	74,016	11	89,209	11	104,403	11	119,593	11	134,781	11	149,969
1/4	14,247	1/4	29,440	1/4	44,333	1/4	59,139	1/4	74,332	1/4	89,526	1/4	104,719	1/4	119,909	1/4	135,097	1/4	150,285
1/2	14,564	1/2	29,757	1/2	44,635	1/2	59,455	1/2	74,649	1/2	89,842	1/2	105,036	1/2	120,225	1/2	135,413	1/2	150,601
3/4	14,880	3/4	30,073	3/4	44,937	3/4	59,772	3/4	74,965	3/4	90,159	3/4	105,352	3/4	120,542	3/4	135,730	3/4	150,918

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 377"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	151,234	0	166,422	0	181,610	0	196,798	0	211,921	0		0		0		0		0	
1/4	151,551	1/4	166,739	1/4	181,927	1/4	197,115	1/4	212,234	1/4		1/4		1/4		1/4		1/4	
1/2	151,867	1/2	167,055	1/2	182,243	1/2	197,431	1/2	212,546	1/2		1/2		1/2		1/2		1/2	
3/4	152,183	3/4	167,371	3/4	182,559	3/4	197,747	3/4	212,858	3/4		3/4		3/4		3/4		3/4	
1	152,500	1	167,688	1	182,876	1	198,064	1	213,171	1		1		1		1		1	
1/4	152,816	1/4	168,004	1/4	183,192	1/4	198,379	1/4	213,483	1/4		1/4		1/4		1/4		1/4	
1/2	153,133	1/2	168,321	1/2	183,509	1/2	198,694	1/2	213,795	1/2		1/2		1/2		1/2		1/2	
3/4	153,449	3/4	168,637	3/4	183,825	3/4	199,009	3/4	214,107	3/4		3/4		3/4		3/4		3/4	
2	153,766	2	168,953	2	184,141	2	199,325	2	214,420	2		2		2		2		2	
1/4	154,082	1/4	169,270	1/4	184,458	1/4	199,640	1/4	214,732	1/4		1/4		1/4		1/4		1/4	
1/2	154,398	1/2	169,586	1/2	184,774	1/2	199,955	1/2	215,044	1/2		1/2		1/2		1/2		1/2	
3/4	154,715	3/4	169,903	3/4	185,091	3/4	200,270	3/4	215,356	3/4		3/4		3/4		3/4		3/4	
3	155,031	3	170,219	3	185,407	3	200,585	3	215,669	3		3		3		3		3	
1/4	155,348	1/4	170,536	1/4	185,724	1/4	200,900	1/4	215,981	1/4		1/4		1/4		1/4		1/4	
1/2	155,664	1/2	170,852	1/2	186,040	1/2	201,216	1/2	216,292	1/2		1/2		1/2		1/2		1/2	
3/4	155,980	3/4	171,168	3/4	186,356	3/4	201,531	3/4	216,604	3/4		3/4		3/4		3/4		3/4	
4	156,297	4	171,485	4	186,673	4	201,846	4	216,916	4		4		4		4		4	
1/4	156,613	1/4	171,801	1/4	186,989	1/4	202,161	1/4	217,227	1/4		1/4		1/4		1/4		1/4	
1/2	156,930	1/2	172,118	1/2	187,306	1/2	202,476	1/2	217,538	1/2		1/2		1/2		1/2		1/2	
3/4	157,246	3/4	172,434	3/4	187,622	3/4	202,792	3/4	217,848	3/4		3/4		3/4		3/4		3/4	
5	157,563	5	172,750	5	187,938	5	203,107	5	218,159	5		5		5		5		5	
1/4	157,879	1/4	173,067	1/4	188,255	1/4	203,422	1/4	218,445	1/4		1/4		1/4		1/4		1/4	
1/2	158,195	1/2	173,383	1/2	188,571	1/2	203,737	1/2	218,731	1/2		1/2		1/2		1/2		1/2	
3/4	158,512	3/4	173,700	3/4	188,888	3/4	204,052	3/4	219,017	3/4		3/4		3/4		3/4		3/4	
6	158,828	6	174,016	6	189,204	6	204,368	6	219,303	6		6		6		6		6	
1/4	159,145	1/4	174,333	1/4	189,521	1/4	204,683	1/4	219,536	1/4		1/4		1/4		1/4		1/4	
1/2	159,461	1/2	174,649	1/2	189,837	1/2	204,998	1/2	219,769	1/2		1/2		1/2		1/2		1/2	
3/4	159,777	3/4	174,965	3/4	190,153	3/4	205,313	3/4	220,002	3/4		3/4		3/4		3/4		3/4	
7	160,094	7	175,282	7	190,470	7	205,628	7	220,235	7		7		7		7		7	
1/4	160,410	1/4	175,598	1/4	190,786	1/4	205,944	1/4	220,417	1/4		1/4		1/4		1/4		1/4	
1/2	160,727	1/2	175,915	1/2	191,103	1/2	206,259	1/2	220,598	1/2		1/2		1/2		1/2		1/2	
3/4	161,043	3/4	176,231	3/4	191,419	3/4	206,574	3/4	220,780	3/4		3/4		3/4		3/4		3/4	
8	161,359	8	176,547	8	191,735	8	206,889	8	220,961	8		8		8		8		8	
1/4	161,676	1/4	176,864	1/4	192,052	1/4	207,204	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,992	1/2	177,180	1/2	192,368	1/2	207,520	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,309	3/4	177,497	3/4	192,685	3/4	207,835	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,625	9	177,813	9	193,001	9	208,150	9		9		9		9		9		9	
1/4	162,942	1/4	178,130	1/4	193,318	1/4	208,465	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,258	1/2	178,446	1/2	193,634	1/2	208,781	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,574	3/4	178,762	3/4	193,950	3/4	209,096	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,891	10	179,079	10	194,267	10	209,411	10		10		10		10		10		10	
1/4	164,207	1/4	179,395	1/4	194,583	1/4	209,726	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,524	1/2	179,712	1/2	194,900	1/2	210,042	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,840	3/4	180,028	3/4	195,216	3/4	210,357	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,156	11	180,344	11	195,532	11	210,672	11		11		11		11		11		11	
1/4	165,473	1/4	180,661	1/4	195,849	1/4	210,985	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,789	1/2	180,977	1/2	196,165	1/2	211,297	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,106	3/4	181,294	3/4	196,482	3/4	211,609	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	957	0	15,121	0	30,237	0	45,345	0	60,456	0	75,573	0	90,689	0	105,803	0	120,908	0	135,976
1/4	1,141	1/4	15,436	1/4	30,552	1/4	45,660	1/4	60,771	1/4	75,888	1/4	91,004	1/4	106,118	1/4	121,222	1/4	136,289
1/2	1,325	1/2	15,751	1/2	30,867	1/2	45,974	1/2	61,086	1/2	76,203	1/2	91,319	1/2	106,432	1/2	121,537	1/2	136,602
3/4	1,508	3/4	16,066	3/4	31,182	3/4	46,289	3/4	61,401	3/4	76,518	3/4	91,634	3/4	106,747	3/4	121,851	3/4	136,914
1	1,692	1	16,380	1	31,497	1	46,603	1	61,715	1	76,833	1	91,949	1	107,062	1	122,165	1	137,227
1/4	1,928	1/4	16,695	1/4	31,812	1/4	46,918	1/4	62,030	1/4	77,148	1/4	92,263	1/4	107,377	1/4	122,479	1/4	137,540
1/2	2,164	1/2	17,010	1/2	32,127	1/2	47,233	1/2	62,345	1/2	77,463	1/2	92,578	1/2	107,692	1/2	122,794	1/2	137,853
3/4	2,401	3/4	17,325	3/4	32,442	3/4	47,547	3/4	62,660	3/4	77,778	3/4	92,893	3/4	108,007	3/4	123,108	3/4	138,166
2	2,637	2	17,640	2	32,757	2	47,862	2	62,975	2	78,093	2	93,208	2	108,322	2	123,422	2	138,479
1/4	2,925	1/4	17,955	1/4	33,072	1/4	48,176	1/4	63,290	1/4	78,407	1/4	93,523	1/4	108,636	1/4	123,737	1/4	138,791
1/2	3,214	1/2	18,270	1/2	33,387	1/2	48,491	1/2	63,605	1/2	78,722	1/2	93,838	1/2	108,951	1/2	124,051	1/2	139,104
3/4	3,503	3/4	18,585	3/4	33,702	3/4	48,805	3/4	63,920	3/4	79,037	3/4	94,153	3/4	109,266	3/4	124,365	3/4	139,417
3	3,791	3	18,900	3	34,017	3	49,120	3	64,235	3	79,352	3	94,467	3	109,581	3	124,679	3	139,730
1/4	4,105	1/4	19,215	1/4	34,332	1/4	49,434	1/4	64,550	1/4	79,667	1/4	94,782	1/4	109,896	1/4	124,994	1/4	140,043
1/2	4,418	1/2	19,530	1/2	34,646	1/2	49,749	1/2	64,865	1/2	79,982	1/2	95,097	1/2	110,211	1/2	125,308	1/2	140,357
3/4	4,731	3/4	19,845	3/4	34,961	3/4	50,063	3/4	65,180	3/4	80,297	3/4	95,412	3/4	110,526	3/4	125,622	3/4	140,670
4	5,045	4	20,160	4	35,276	4	50,378	4	65,495	4	80,612	4	95,727	4	110,840	4	125,936	4	140,984
1/4	5,359	1/4	20,475	1/4	35,591	1/4	50,693	1/4	65,810	1/4	80,927	1/4	96,042	1/4	111,155	1/4	126,251	1/4	141,297
1/2	5,674	1/2	20,790	1/2	35,906	1/2	51,008	1/2	66,125	1/2	81,242	1/2	96,357	1/2	111,470	1/2	126,565	1/2	141,611
3/4	5,988	3/4	21,104	3/4	36,221	3/4	51,322	3/4	66,440	3/4	81,557	3/4	96,672	3/4	111,785	3/4	126,879	3/4	141,924
5	6,303	5	21,419	5	36,536	5	51,637	5	66,755	5	81,872	5	96,986	5	112,100	5	127,194	5	142,238
1/4	6,618	1/4	21,734	1/4	36,851	1/4	51,952	1/4	67,070	1/4	82,187	1/4	97,301	1/4	112,414	1/4	127,508	1/4	142,551
1/2	6,933	1/2	22,049	1/2	37,166	1/2	52,267	1/2	67,384	1/2	82,502	1/2	97,616	1/2	112,729	1/2	127,822	1/2	142,865
3/4	7,248	3/4	22,364	3/4	37,481	3/4	52,582	3/4	67,699	3/4	82,817	3/4	97,931	3/4	113,044	3/4	128,136	3/4	143,178
6	7,562	6	22,679	6	37,796	6	52,897	6	68,014	6	83,132	6	98,246	6	113,359	6	128,451	6	143,492
1/4	7,877	1/4	22,994	1/4	38,110	1/4	53,212	1/4	68,329	1/4	83,447	1/4	98,561	1/4	113,674	1/4	128,765	1/4	143,805
1/2	8,192	1/2	23,309	1/2	38,425	1/2	53,527	1/2	68,644	1/2	83,762	1/2	98,876	1/2	113,988	1/2	129,079	1/2	144,119
3/4	8,507	3/4	23,624	3/4	38,740	3/4	53,842	3/4	68,959	3/4	84,076	3/4	99,190	3/4	114,303	3/4	129,393	3/4	144,432
7	8,822	7	23,939	7	39,054	7	54,157	7	69,274	7	84,391	7	99,505	7	114,618	7	129,708	7	144,746
1/4	9,137	1/4	24,254	1/4	39,369	1/4	54,472	1/4	69,589	1/4	84,706	1/4	99,820	1/4	114,933	1/4	130,022	1/4	145,059
1/2	9,452	1/2	24,569	1/2	39,683	1/2	54,787	1/2	69,904	1/2	85,021	1/2	100,135	1/2	115,248	1/2	130,336	1/2	145,373
3/4	9,767	3/4	24,884	3/4	39,998	3/4	55,102	3/4	70,219	3/4	85,336	3/4	100,450	3/4	115,562	3/4	130,651	3/4	145,686
8	10,082	8	25,199	8	40,313	8	55,417	8	70,534	8	85,651	8	100,765	8	115,877	8	130,965	8	146,000
1/4	10,397	1/4	25,513	1/4	40,627	1/4	55,732	1/4	70,849	1/4	85,966	1/4	101,080	1/4	116,192	1/4	131,279	1/4	146,313
1/2	10,712	1/2	25,828	1/2	40,942	1/2	56,047	1/2	71,164	1/2	86,281	1/2	101,395	1/2	116,507	1/2	131,593	1/2	146,627
3/4	11,027	3/4	26,143	3/4	41,256	3/4	56,361	3/4	71,479	3/4	86,596	3/4	101,709	3/4	116,822	3/4	131,908	3/4	146,940
9	11,342	9	26,458	9	41,571	9	56,676	9	71,794	9	86,911	9	102,024	9	117,137	9	132,222	9	147,254
1/4	11,657	1/4	26,773	1/4	41,885	1/4	56,991	1/4	72,109	1/4	87,226	1/4	102,339	1/4	117,451	1/4	132,535	1/4	147,423
1/2	11,971	1/2	27,088	1/2	42,200	1/2	57,306	1/2	72,424	1/2	87,540	1/2	102,654	1/2	117,765	1/2	132,848	1/2	147,592
3/4	12,286	3/4	27,403	3/4	42,514	3/4	57,621	3/4	72,739	3/4	87,855	3/4	102,969	3/4	118,080	3/4	133,160	3/4	147,762
10	12,601	10	27,718	10	42,829	10	57,936	10	73,053	10	88,170	10	103,284	10	118,394	10	133,473	10	147,931
1/4	12,916	1/4	28,033	1/4	43,143	1/4	58,251	1/4	73,368	1/4	88,485	1/4	103,599	1/4	118,708	1/4	133,786	1/4	148,100
1/2	13,231	1/2	28,348	1/2	43,458	1/2	58,566	1/2	73,683	1/2	88,800	1/2	103,913	1/2	119,022	1/2	134,099	1/2	148,270
3/4	13,546	3/4	28,663	3/4	43,773	3/4	58,881	3/4	73,998	3/4	89,115	3/4	104,228	3/4	119,337	3/4	134,412	3/4	148,439
11	13,861	11	28,978	11	44,087	11	59,196	11	74,313	11	89,430	11	104,543	11	119,651	11	134,725	11	148,609
1/4	14,176	1/4	29,293	1/4	44,402	1/4	59,511	1/4	74,628	1/4	89,744	1/4	104,858	1/4	119,965	1/4	135,037	1/4	148,778
1/2	14,491	1/2	29,608	1/2	44,716	1/2	59,826	1/2	74,943	1/2	90,059	1/2	105,173	1/2	120,280	1/2	135,350	1/2	148,947
3/4	14,806	3/4	29,922	3/4	45,031	3/4	60,141	3/4	75,258	3/4	90,374	3/4	105,488	3/4	120,594	3/4	135,663	3/4	149,117

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 377"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	149,286	0	157,415	0	165,545	0	173,674	0	181,770	0		0		0		0		0	
1/4	149,455	1/4	157,585	1/4	165,714	1/4	173,843	1/4	181,937	1/4		1/4		1/4		1/4		1/4	
1/2	149,625	1/2	157,754	1/2	165,883	1/2	174,013	1/2	182,104	1/2		1/2		1/2		1/2		1/2	
3/4	149,794	3/4	157,923	3/4	166,053	3/4	174,182	3/4	182,271	3/4		3/4		3/4		3/4		3/4	
1	149,963	1	158,093	1	166,222	1	174,351	1	182,438	1		1		1		1		1	
1/4	150,133	1/4	158,262	1/4	166,391	1/4	174,520	1/4	182,606	1/4		1/4		1/4		1/4		1/4	
1/2	150,302	1/2	158,431	1/2	166,561	1/2	174,689	1/2	182,773	1/2		1/2		1/2		1/2		1/2	
3/4	150,472	3/4	158,601	3/4	166,730	3/4	174,858	3/4	182,940	3/4		3/4		3/4		3/4		3/4	
2	150,641	2	158,770	2	166,900	2	175,026	2	183,107	2		2		2		2		2	
1/4	150,810	1/4	158,940	1/4	167,069	1/4	175,195	1/4	183,274	1/4		1/4		1/4		1/4		1/4	
1/2	150,980	1/2	159,109	1/2	167,238	1/2	175,364	1/2	183,441	1/2		1/2		1/2		1/2		1/2	
3/4	151,149	3/4	159,278	3/4	167,408	3/4	175,533	3/4	183,608	3/4		3/4		3/4		3/4		3/4	
3	151,318	3	159,448	3	167,577	3	175,701	3	183,775	3		3		3		3		3	
1/4	151,488	1/4	159,617	1/4	167,746	1/4	175,870	1/4	183,942	1/4		1/4		1/4		1/4		1/4	
1/2	151,657	1/2	159,786	1/2	167,916	1/2	176,039	1/2	184,109	1/2		1/2		1/2		1/2		1/2	
3/4	151,826	3/4	159,956	3/4	168,085	3/4	176,208	3/4	184,275	3/4		3/4		3/4		3/4		3/4	
4	151,996	4	160,125	4	168,254	4	176,376	4	184,442	4		4		4		4		4	
1/4	152,165	1/4	160,294	1/4	168,424	1/4	176,545	1/4	184,608	1/4		1/4		1/4		1/4		1/4	
1/2	152,334	1/2	160,464	1/2	168,593	1/2	176,714	1/2	184,773	1/2		1/2		1/2		1/2		1/2	
3/4	152,504	3/4	160,633	3/4	168,762	3/4	176,883	3/4	184,939	3/4		3/4		3/4		3/4		3/4	
5	152,673	5	160,803	5	168,932	5	177,051	5	185,105	5		5		5		5		5	
1/4	152,843	1/4	160,972	1/4	169,101	1/4	177,220	1/4	185,245	1/4		1/4		1/4		1/4		1/4	
1/2	153,012	1/2	161,141	1/2	169,271	1/2	177,389	1/2	185,386	1/2		1/2		1/2		1/2		1/2	
3/4	153,181	3/4	161,311	3/4	169,440	3/4	177,558	3/4	185,527	3/4		3/4		3/4		3/4		3/4	
6	153,351	6	161,480	6	169,609	6	177,726	6	185,668	6		6		6		6		6	
1/4	153,520	1/4	161,649	1/4	169,779	1/4	177,895	1/4	185,756	1/4		1/4		1/4		1/4		1/4	
1/2	153,689	1/2	161,819	1/2	169,948	1/2	178,064	1/2	185,845	1/2		1/2		1/2		1/2		1/2	
3/4	153,859	3/4	161,988	3/4	170,117	3/4	178,233	3/4	185,933	3/4		3/4		3/4		3/4		3/4	
7	154,028	7	162,157	7	170,287	7	178,401	7	186,022	7		7		7		7		7	
1/4	154,197	1/4	162,327	1/4	170,456	1/4	178,570	1/4	186,058	1/4		1/4		1/4		1/4		1/4	
1/2	154,367	1/2	162,496	1/2	170,625	1/2	178,739	1/2	186,095	1/2		1/2		1/2		1/2		1/2	
3/4	154,536	3/4	162,665	3/4	170,795	3/4	178,908	3/4	186,131	3/4		3/4		3/4		3/4		3/4	
8	154,706	8	162,835	8	170,964	8	179,076	8	186,168	8		8		8		8		8	
1/4	154,875	1/4	163,004	1/4	171,134	1/4	179,245	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,044	1/2	163,174	1/2	171,303	1/2	179,414	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,214	3/4	163,343	3/4	171,472	3/4	179,583	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,383	9	163,512	9	171,642	9	179,751	9		9		9		9		9		9	
1/4	155,552	1/4	163,682	1/4	171,811	1/4	179,920	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,722	1/2	163,851	1/2	171,980	1/2	180,089	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,891	3/4	164,020	3/4	172,150	3/4	180,258	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,060	10	164,190	10	172,319	10	180,426	10		10		10		10		10		10	
1/4	156,230	1/4	164,359	1/4	172,488	1/4	180,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,399	1/2	164,528	1/2	172,658	1/2	180,764	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,569	3/4	164,698	3/4	172,827	3/4	180,933	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,738	11	164,867	11	172,996	11	181,101	11		11		11		11		11		11	
1/4	156,907	1/4	165,037	1/4	173,166	1/4	181,268	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,077	1/2	165,206	1/2	173,335	1/2	181,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,246	3/4	165,375	3/4	173,505	3/4	181,603	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	957	0	15,088	0	30,170	0	44,760	0	59,572	0	74,629	0	89,706	0	104,780	0	119,847	0	134,868
1/4	1,140	1/4	15,402	1/4	30,484	1/4	45,060	1/4	59,883	1/4	74,943	1/4	90,020	1/4	105,094	1/4	120,160	1/4	135,180
1/2	1,324	1/2	15,716	1/2	30,798	1/2	45,360	1/2	60,195	1/2	75,257	1/2	90,334	1/2	105,408	1/2	120,474	1/2	135,492
3/4	1,507	3/4	16,030	3/4	31,113	3/4	45,660	3/4	60,506	3/4	75,571	3/4	90,648	3/4	105,723	3/4	120,787	3/4	135,804
1	1,691	1	16,345	1	31,427	1	45,960	1	60,818	1	75,886	1	90,962	1	106,037	1	121,100	1	136,116
1/4	1,926	1/4	16,659	1/4	31,741	1/4	46,260	1/4	61,129	1/4	76,200	1/4	91,276	1/4	106,351	1/4	121,414	1/4	136,428
1/2	2,162	1/2	16,973	1/2	32,055	1/2	46,560	1/2	61,441	1/2	76,514	1/2	91,590	1/2	106,665	1/2	121,727	1/2	136,740
3/4	2,397	3/4	17,287	3/4	32,369	3/4	46,861	3/4	61,752	3/4	76,828	3/4	91,904	3/4	106,979	3/4	122,040	3/4	137,052
2	2,633	2	17,601	2	32,684	2	47,161	2	62,064	2	77,142	2	92,218	2	107,293	2	122,353	2	137,364
1/4	2,920	1/4	17,916	1/4	32,998	1/4	47,461	1/4	62,378	1/4	77,456	1/4	92,532	1/4	107,607	1/4	122,666	1/4	137,676
1/2	3,208	1/2	18,230	1/2	33,312	1/2	47,761	1/2	62,692	1/2	77,770	1/2	92,846	1/2	107,921	1/2	122,979	1/2	137,988
3/4	3,495	3/4	18,544	3/4	33,626	3/4	48,061	3/4	63,006	3/4	78,084	3/4	93,160	3/4	108,235	3/4	123,292	3/4	138,300
3	3,783	3	18,858	3	33,941	3	48,361	3	63,320	3	78,399	3	93,475	3	108,549	3	123,606	3	138,612
1/4	4,096	1/4	19,173	1/4	34,243	1/4	48,673	1/4	63,635	1/4	78,713	1/4	93,789	1/4	108,863	1/4	123,919	1/4	138,925
1/2	4,408	1/2	19,487	1/2	34,545	1/2	48,985	1/2	63,949	1/2	79,027	1/2	94,103	1/2	109,177	1/2	124,232	1/2	139,237
3/4	4,721	3/4	19,801	3/4	34,847	3/4	49,297	3/4	64,263	3/4	79,341	3/4	94,417	3/4	109,491	3/4	124,545	3/4	139,550
4	5,034	4	20,115	4	35,150	4	49,609	4	64,577	4	79,655	4	94,731	4	109,805	4	124,858	4	139,863
1/4	5,348	1/4	20,429	1/4	35,451	1/4	49,919	1/4	64,891	1/4	79,969	1/4	95,045	1/4	110,119	1/4	125,171	1/4	140,175
1/2	5,662	1/2	20,744	1/2	35,752	1/2	50,230	1/2	65,205	1/2	80,283	1/2	95,359	1/2	110,433	1/2	125,484	1/2	140,488
3/4	5,976	3/4	21,058	3/4	36,053	3/4	50,541	3/4	65,519	3/4	80,597	3/4	95,673	3/4	110,747	3/4	125,798	3/4	140,801
5	6,290	5	21,372	5	36,354	5	50,851	5	65,833	5	80,912	5	95,987	5	111,061	5	126,111	5	141,113
1/4	6,604	1/4	21,686	1/4	36,655	1/4	51,162	1/4	66,148	1/4	81,226	1/4	96,301	1/4	111,375	1/4	126,424	1/4	141,426
1/2	6,918	1/2	22,000	1/2	36,956	1/2	51,473	1/2	66,462	1/2	81,540	1/2	96,615	1/2	111,689	1/2	126,737	1/2	141,739
3/4	7,232	3/4	22,315	3/4	37,258	3/4	51,784	3/4	66,776	3/4	81,854	3/4	96,929	3/4	112,003	3/4	127,050	3/4	142,051
6	7,547	6	22,629	6	37,559	6	52,095	6	67,090	6	82,168	6	97,243	6	112,317	6	127,363	6	142,364
1/4	7,861	1/4	22,943	1/4	37,859	1/4	52,406	1/4	67,404	1/4	82,482	1/4	97,557	1/4	112,631	1/4	127,676	1/4	142,677
1/2	8,175	1/2	23,257	1/2	38,159	1/2	52,718	1/2	67,718	1/2	82,796	1/2	97,871	1/2	112,945	1/2	127,990	1/2	142,989
3/4	8,489	3/4	23,572	3/4	38,459	3/4	53,029	3/4	68,032	3/4	83,110	3/4	98,185	3/4	113,259	3/4	128,303	3/4	143,302
7	8,803	7	23,886	7	38,759	7	53,341	7	68,346	7	83,425	7	98,499	7	113,573	7	128,616	7	143,615
1/4	9,118	1/4	24,200	1/4	39,059	1/4	53,653	1/4	68,661	1/4	83,739	1/4	98,813	1/4	113,887	1/4	128,929	1/4	143,927
1/2	9,432	1/2	24,514	1/2	39,359	1/2	53,964	1/2	68,975	1/2	84,053	1/2	99,127	1/2	114,201	1/2	129,243	1/2	144,240
3/4	9,746	3/4	24,828	3/4	39,659	3/4	54,276	3/4	69,289	3/4	84,367	3/4	99,441	3/4	114,515	3/4	129,556	3/4	144,553
8	10,060	8	25,143	8	39,960	8	54,587	8	69,603	8	84,681	8	99,756	8	114,829	8	129,870	8	144,865
1/4	10,375	1/4	25,457	1/4	40,260	1/4	54,899	1/4	69,917	1/4	84,995	1/4	100,070	1/4	115,143	1/4	130,183	1/4	145,178
1/2	10,689	1/2	25,771	1/2	40,560	1/2	55,210	1/2	70,231	1/2	85,309	1/2	100,384	1/2	115,457	1/2	130,497	1/2	145,491
3/4	11,003	3/4	26,085	3/4	40,860	3/4	55,522	3/4	70,545	3/4	85,623	3/4	100,698	3/4	115,771	3/4	130,810	3/4	145,803
9	11,317	9	26,399	9	41,160	9	55,833	9	70,859	9	85,937	9	101,012	9	116,085	9	131,123	9	146,116
1/4	11,631	1/4	26,714	1/4	41,460	1/4	56,145	1/4	71,174	1/4	86,251	1/4	101,326	1/4	116,399	1/4	131,435	1/4	146,285
1/2	11,946	1/2	27,028	1/2	41,760	1/2	56,456	1/2	71,488	1/2	86,565	1/2	101,640	1/2	116,712	1/2	131,748	1/2	146,453
3/4	12,260	3/4	27,342	3/4	42,060	3/4	56,768	3/4	71,802	3/4	86,879	3/4	101,954	3/4	117,025	3/4	132,060	3/4	146,622
10	12,574	10	27,656	10	42,360	10	57,079	10	72,116	10	87,193	10	102,268	10	117,339	10	132,372	10	146,791
1/4	12,888	1/4	27,970	1/4	42,660	1/4	57,391	1/4	72,430	1/4	87,508	1/4	102,582	1/4	117,652	1/4	132,684	1/4	146,959
1/2	13,202	1/2	28,285	1/2	42,960	1/2	57,702	1/2	72,744	1/2	87,822	1/2	102,896	1/2	117,966	1/2	132,996	1/2	147,128
3/4	13,517	3/4	28,599	3/4	43,260	3/4	58,014	3/4	73,058	3/4	88,136	3/4	103,210	3/4	118,279	3/4	133,308	3/4	147,297
11	13,831	11	28,913	11	43,560	11	58,326	11	73,373	11	88,450	11	103,524	11	118,593	11	133,620	11	147,465
1/4	14,145	1/4	29,227	1/4	43,860	1/4	58,637	1/4	73,687	1/4	88,764	1/4	103,838	1/4	118,906	1/4	133,932	1/4	147,634
1/2	14,459	1/2	29,542	1/2	44,160	1/2	58,949	1/2	74,001	1/2	89,078	1/2	104,152	1/2	119,220	1/2	134,244	1/2	147,803
3/4	14,774	3/4	29,856	3/4	44,460	3/4	59,260	3/4	74,315	3/4	89,392	3/4	104,466	3/4	119,533	3/4	134,556	3/4	147,971

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "CBC 377"

3 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	148,140	0	156,235	0	164,330	0	172,426	0	180,487	0		0		0		0		0	
1/4	148,309	1/4	156,404	1/4	164,499	1/4	172,594	1/4	180,654	1/4		1/4		1/4		1/4		1/4	
1/2	148,477	1/2	156,572	1/2	164,668	1/2	172,763	1/2	180,820	1/2		1/2		1/2		1/2		1/2	
3/4	148,646	3/4	156,741	3/4	164,836	3/4	172,932	3/4	180,987	3/4		3/4		3/4		3/4		3/4	
1	148,815	1	156,910	1	165,005	1	173,100	1	181,153	1		1		1		1		1	
1/4	148,983	1/4	157,078	1/4	165,174	1/4	173,268	1/4	181,320	1/4		1/4		1/4		1/4		1/4	
1/2	149,152	1/2	157,247	1/2	165,342	1/2	173,436	1/2	181,486	1/2		1/2		1/2		1/2		1/2	
3/4	149,321	3/4	157,416	3/4	165,511	3/4	173,604	3/4	181,652	3/4		3/4		3/4		3/4		3/4	
2	149,489	2	157,584	2	165,680	2	173,772	2	181,819	2		2		2		2		2	
1/4	149,658	1/4	157,753	1/4	165,848	1/4	173,940	1/4	181,985	1/4		1/4		1/4		1/4		1/4	
1/2	149,826	1/2	157,922	1/2	166,017	1/2	174,108	1/2	182,152	1/2		1/2		1/2		1/2		1/2	
3/4	149,995	3/4	158,090	3/4	166,186	3/4	174,276	3/4	182,318	3/4		3/4		3/4		3/4		3/4	
3	150,164	3	158,259	3	166,354	3	174,444	3	182,484	3		3		3		3		3	
1/4	150,332	1/4	158,428	1/4	166,523	1/4	174,613	1/4	182,650	1/4		1/4		1/4		1/4		1/4	
1/2	150,501	1/2	158,596	1/2	166,691	1/2	174,781	1/2	182,816	1/2		1/2		1/2		1/2		1/2	
3/4	150,670	3/4	158,765	3/4	166,860	3/4	174,949	3/4	182,982	3/4		3/4		3/4		3/4		3/4	
4	150,838	4	158,934	4	167,029	4	175,117	4	183,148	4		4		4		4		4	
1/4	151,007	1/4	159,102	1/4	167,197	1/4	175,285	1/4	183,313	1/4		1/4		1/4		1/4		1/4	
1/2	151,176	1/2	159,271	1/2	167,366	1/2	175,453	1/2	183,478	1/2		1/2		1/2		1/2		1/2	
3/4	151,344	3/4	159,440	3/4	167,535	3/4	175,621	3/4	183,643	3/4		3/4		3/4		3/4		3/4	
5	151,513	5	159,608	5	167,703	5	175,789	5	183,808	5		5		5		5		5	
1/4	151,682	1/4	159,777	1/4	167,872	1/4	175,957	1/4	183,948	1/4		1/4		1/4		1/4		1/4	
1/2	151,850	1/2	159,945	1/2	168,041	1/2	176,125	1/2	184,088	1/2		1/2		1/2		1/2		1/2	
3/4	152,019	3/4	160,114	3/4	168,209	3/4	176,293	3/4	184,228	3/4		3/4		3/4		3/4		3/4	
6	152,188	6	160,283	6	168,378	6	176,461	6	184,369	6		6		6		6		6	
1/4	152,356	1/4	160,451	1/4	168,547	1/4	176,629	1/4	184,456	1/4		1/4		1/4		1/4		1/4	
1/2	152,525	1/2	160,620	1/2	168,715	1/2	176,797	1/2	184,544	1/2		1/2		1/2		1/2		1/2	
3/4	152,694	3/4	160,789	3/4	168,884	3/4	176,965	3/4	184,632	3/4		3/4		3/4		3/4		3/4	
7	152,862	7	160,957	7	169,053	7	177,133	7	184,720	7		7		7		7		7	
1/4	153,031	1/4	161,126	1/4	169,221	1/4	177,301	1/4	184,756	1/4		1/4		1/4		1/4		1/4	
1/2	153,199	1/2	161,295	1/2	169,390	1/2	177,469	1/2	184,792	1/2		1/2		1/2		1/2		1/2	
3/4	153,368	3/4	161,463	3/4	169,559	3/4	177,637	3/4	184,827	3/4		3/4		3/4		3/4		3/4	
8	153,537	8	161,632	8	169,727	8	177,805	8	184,863	8		8		8		8		8	
1/4	153,705	1/4	161,801	1/4	169,896	1/4	177,973	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,874	1/2	161,969	1/2	170,064	1/2	178,141	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,043	3/4	162,138	3/4	170,233	3/4	178,309	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,211	9	162,307	9	170,402	9	178,477	9		9		9		9		9		9	
1/4	154,380	1/4	162,475	1/4	170,570	1/4	178,645	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,549	1/2	162,644	1/2	170,739	1/2	178,813	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,717	3/4	162,813	3/4	170,908	3/4	178,982	3/4		3/4		3/4		3/4		3/4		3/4	
10	154,886	10	162,981	10	171,076	10	179,150	10		10		10		10		10		10	
1/4	155,055	1/4	163,150	1/4	171,245	1/4	179,318	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,223	1/2	163,318	1/2	171,414	1/2	179,486	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,392	3/4	163,487	3/4	171,582	3/4	179,654	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,561	11	163,656	11	171,751	11	179,822	11		11		11		11		11		11	
1/4	155,729	1/4	163,824	1/4	171,920	1/4	179,988	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,898	1/2	163,993	1/2	172,088	1/2	180,155	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,067	3/4	164,162	3/4	172,257	3/4	180,321	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-1/2	- 03-1/2
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-1/2	- 03-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 4'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

February 6, 2013

PRECISION MEASUREMENT
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 P.O. Box 2092
 Pearland, Texas 77588

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BARGE "CBC 377"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	208,322	0	193,137	0	177,916	0	162,695	0	147,474	0	132,253	0	117,032	0	101,808
1/4		1/4	222,109	1/4	208,006	1/4	192,819	1/4	177,599	1/4	162,378	1/4	147,157	1/4	131,936	1/4	116,715	1/4	101,491
1/2		1/2	221,927	1/2	207,690	1/2	192,502	1/2	177,282	1/2	162,061	1/2	146,840	1/2	131,619	1/2	116,398	1/2	101,174
3/4		3/4	221,745	3/4	207,374	3/4	192,185	3/4	176,964	3/4	161,744	3/4	146,523	3/4	131,302	3/4	116,081	3/4	100,857
1		1	221,563	1	207,058	1	191,868	1	176,647	1	161,426	1	146,206	1	130,985	1	115,764	1	100,539
1/4		1/4	221,381	1/4	206,743	1/4	191,551	1/4	176,330	1/4	161,109	1/4	145,889	1/4	130,668	1/4	115,447	1/4	100,222
1/2		1/2	221,147	1/2	206,427	1/2	191,234	1/2	176,013	1/2	160,792	1/2	145,571	1/2	130,351	1/2	115,130	1/2	99,905
3/4		3/4	220,914	3/4	206,111	3/4	190,917	3/4	175,696	3/4	160,475	3/4	145,254	3/4	130,033	3/4	114,813	3/4	99,588
2		2	220,680	2	205,795	2	190,600	2	175,379	2	160,158	2	144,937	2	129,716	2	114,496	2	99,271
1/4		1/4	220,447	1/4	205,479	1/4	190,283	1/4	175,062	1/4	159,841	1/4	144,620	1/4	129,399	1/4	114,178	1/4	98,953
1/2		1/2	220,160	1/2	205,163	1/2	189,966	1/2	174,745	1/2	159,524	1/2	144,303	1/2	129,082	1/2	113,861	1/2	98,636
3/4		3/4	219,874	3/4	204,847	3/4	189,648	3/4	174,428	3/4	159,207	3/4	143,986	3/4	128,765	3/4	113,544	3/4	98,319
3		3	219,587	3	204,531	3	189,331	3	174,111	3	158,890	3	143,669	3	128,448	3	113,227	3	98,002
1/4		1/4	219,301	1/4	204,216	1/4	189,014	1/4	173,793	1/4	158,573	1/4	143,352	1/4	128,131	1/4	112,910	1/4	97,685
1/2		1/2	218,989	1/2	203,900	1/2	188,697	1/2	173,476	1/2	158,255	1/2	143,035	1/2	127,814	1/2	112,593	1/2	97,367
3/4		3/4	218,678	3/4	203,584	3/4	188,380	3/4	173,159	3/4	157,938	3/4	142,718	3/4	127,497	3/4	112,276	3/4	97,050
4		4	218,366	4	203,268	4	188,063	4	172,842	4	157,621	4	142,400	4	127,180	4	111,959	4	96,733
1/4		1/4	218,055	1/4	202,952	1/4	187,746	1/4	172,525	1/4	157,304	1/4	142,083	1/4	126,862	1/4	111,642	1/4	96,416
1/2		1/2	217,742	1/2	202,636	1/2	187,429	1/2	172,208	1/2	156,987	1/2	141,766	1/2	126,545	1/2	111,325	1/2	96,098
3/4		3/4	217,430	3/4	202,320	3/4	187,112	3/4	171,891	3/4	156,670	3/4	141,449	3/4	126,228	3/4	111,007	3/4	95,781
5		5	217,117	5	202,004	5	186,795	5	171,574	5	156,353	5	141,132	5	125,911	5	110,690	5	95,464
1/4		1/4	216,805	1/4	201,689	1/4	186,477	1/4	171,257	1/4	156,036	1/4	140,815	1/4	125,594	1/4	110,373	1/4	95,147
1/2		1/2	216,492	1/2	201,373	1/2	186,160	1/2	170,940	1/2	155,719	1/2	140,498	1/2	125,277	1/2	110,056	1/2	94,830
3/4		3/4	216,179	3/4	201,057	3/4	185,843	3/4	170,622	3/4	155,402	3/4	140,181	3/4	124,960	3/4	109,739	3/4	94,512
6		6	215,866	6	200,741	6	185,526	6	170,305	6	155,084	6	139,864	6	124,643	6	109,422	6	94,195
1/4		1/4	215,553	1/4	200,425	1/4	185,209	1/4	169,988	1/4	154,767	1/4	139,547	1/4	124,326	1/4	109,104	1/4	93,878
1/2		1/2	215,240	1/2	200,109	1/2	184,892	1/2	169,671	1/2	154,450	1/2	139,229	1/2	124,009	1/2	108,787	1/2	93,561
3/4		3/4	214,927	3/4	199,793	3/4	184,575	3/4	169,354	3/4	154,133	3/4	138,912	3/4	123,691	3/4	108,470	3/4	93,243
7		7	214,614	7	199,477	7	184,258	7	169,037	7	153,816	7	138,595	7	123,374	7	108,153	7	92,926
1/4		1/4	214,301	1/4	199,161	1/4	183,941	1/4	168,720	1/4	153,499	1/4	138,278	1/4	123,057	1/4	107,835	1/4	92,609
1/2		1/2	213,988	1/2	198,844	1/2	183,624	1/2	168,403	1/2	153,182	1/2	137,961	1/2	122,740	1/2	107,518	1/2	92,292
3/4		3/4	213,675	3/4	198,527	3/4	183,306	3/4	168,086	3/4	152,865	3/4	137,644	3/4	122,423	3/4	107,201	3/4	91,975
8		8	213,362	8	198,210	8	182,989	8	167,768	8	152,548	8	137,327	8	122,106	8	106,884	8	91,657
1/4		1/4	213,049	1/4	197,893	1/4	182,672	1/4	167,451	1/4	152,231	1/4	137,010	1/4	121,789	1/4	106,567	1/4	91,340
1/2		1/2	212,736	1/2	197,576	1/2	182,355	1/2	167,134	1/2	151,913	1/2	136,693	1/2	121,472	1/2	106,249	1/2	91,023
3/4		3/4	212,423	3/4	197,259	3/4	182,038	3/4	166,817	3/4	151,596	3/4	136,376	3/4	121,155	3/4	105,932	3/4	90,706
9		9	212,110	9	196,942	9	181,721	9	166,500	9	151,279	9	136,058	9	120,838	9	105,615	9	90,389
1/4		1/4	211,797	1/4	196,625	1/4	181,404	1/4	166,183	1/4	150,962	1/4	135,741	1/4	120,520	1/4	105,298	1/4	90,071
1/2		1/2	211,481	1/2	196,308	1/2	181,087	1/2	165,866	1/2	150,645	1/2	135,424	1/2	120,203	1/2	104,981	1/2	89,754
3/4		3/4	211,165	3/4	195,990	3/4	180,770	3/4	165,549	3/4	150,328	3/4	135,107	3/4	119,886	3/4	104,663	3/4	89,437
10		10	210,849	10	195,673	10	180,453	10	165,232	10	150,011	10	134,790	10	119,569	10	104,346	10	89,120
1/4		1/4	210,533	1/4	195,356	1/4	180,135	1/4	164,915	1/4	149,694	1/4	134,473	1/4	119,252	1/4	104,029	1/4	88,802
1/2		1/2	210,218	1/2	195,039	1/2	179,818	1/2	164,597	1/2	149,377	1/2	134,156	1/2	118,935	1/2	103,712	1/2	88,485
3/4		3/4	209,902	3/4	194,722	3/4	179,501	3/4	164,280	3/4	149,060	3/4	133,839	3/4	118,618	3/4	103,394	3/4	88,168
11		11	209,586	11	194,405	11	179,184	11	163,963	11	148,742	11	133,522	11	118,301	11	103,077	11	87,851
1/4		1/4	209,270	1/4	194,088	1/4	178,867	1/4	163,646	1/4	148,425	1/4	133,204	1/4	117,984	1/4	102,760	1/4	87,534
1/2		1/2	208,954	1/2	193,771	1/2	178,550	1/2	163,329	1/2	148,108	1/2	132,887	1/2	117,667	1/2	102,443	1/2	87,216
3/4		3/4	208,638	3/4	193,454	3/4	178,233	3/4	163,012	3/4	147,791	3/4	132,570	3/4	117,349	3/4	102,126	3/4	86,899

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 377"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	86,582	0	71,355	0	56,129	0	40,921	0	25,697	0	10,471	0		0		0		0	
1/4	86,265	1/4	71,038	1/4	55,812	1/4	40,604	1/4	25,380	1/4	10,154	1/4		1/4		1/4		1/4	
1/2	85,947	1/2	70,721	1/2	55,495	1/2	40,287	1/2	25,063	1/2	9,837	1/2		1/2		1/2		1/2	
3/4	85,630	3/4	70,404	3/4	55,177	3/4	39,971	3/4	24,746	3/4	9,520	3/4		3/4		3/4		3/4	
1	85,313	1	70,087	1	54,860	1	39,654	1	24,429	1	9,203	1		1		1		1	
1/4	84,996	1/4	69,769	1/4	54,543	1/4	39,337	1/4	24,111	1/4	8,885	1/4		1/4		1/4		1/4	
1/2	84,679	1/2	69,452	1/2	54,226	1/2	39,020	1/2	23,794	1/2	8,568	1/2		1/2		1/2		1/2	
3/4	84,361	3/4	69,135	3/4	53,909	3/4	38,703	3/4	23,477	3/4	8,251	3/4		3/4		3/4		3/4	
2	84,044	2	68,818	2	53,591	2	38,386	2	23,160	2	7,934	2		2		2		2	
1/4	83,727	1/4	68,501	1/4	53,274	1/4	38,068	1/4	22,842	1/4	7,617	1/4		1/4		1/4		1/4	
1/2	83,410	1/2	68,183	1/2	52,957	1/2	37,751	1/2	22,525	1/2	7,300	1/2		1/2		1/2		1/2	
3/4	83,093	3/4	67,866	3/4	52,640	3/4	37,434	3/4	22,208	3/4	6,982	3/4		3/4		3/4		3/4	
3	82,775	3	67,549	3	52,322	3	37,117	3	21,891	3	6,665	3		3		3		3	
1/4	82,458	1/4	67,232	1/4	52,005	1/4	36,800	1/4	21,574	1/4	6,348	1/4		1/4		1/4		1/4	
1/2	82,141	1/2	66,914	1/2	51,689	1/2	36,482	1/2	21,256	1/2	6,031	1/2		1/2		1/2		1/2	
3/4	81,824	3/4	66,597	3/4	51,372	3/4	36,165	3/4	20,939	3/4	5,715	3/4		3/4		3/4		3/4	
4	81,506	4	66,280	4	51,055	4	35,848	4	20,622	4	5,398	4		4		4		4	
1/4	81,189	1/4	65,963	1/4	50,738	1/4	35,531	1/4	20,305	1/4	5,081	1/4		1/4		1/4		1/4	
1/2	80,872	1/2	65,646	1/2	50,422	1/2	35,213	1/2	19,988	1/2	4,765	1/2		1/2		1/2		1/2	
3/4	80,555	3/4	65,328	3/4	50,105	3/4	34,896	3/4	19,670	3/4	4,450	3/4		3/4		3/4		3/4	
5	80,238	5	65,011	5	49,788	5	34,579	5	19,353	5	4,134	5		5		5		5	
1/4	79,920	1/4	64,694	1/4	49,472	1/4	34,262	1/4	19,036	1/4	3,818	1/4		1/4		1/4		1/4	
1/2	79,603	1/2	64,377	1/2	49,155	1/2	33,945	1/2	18,719	1/2	3,527	1/2		1/2		1/2		1/2	
3/4	79,286	3/4	64,059	3/4	48,838	3/4	33,627	3/4	18,402	3/4	3,237	3/4		3/4		3/4		3/4	
6	78,969	6	63,742	6	48,521	6	33,310	6	18,084	6	2,946	6		6		6		6	
1/4	78,651	1/4	63,425	1/4	48,205	1/4	32,993	1/4	17,767	1/4	2,655	1/4		1/4		1/4		1/4	
1/2	78,334	1/2	63,108	1/2	47,888	1/2	32,676	1/2	17,450	1/2	2,418	1/2		1/2		1/2		1/2	
3/4	78,017	3/4	62,791	3/4	47,571	3/4	32,359	3/4	17,133	3/4	2,180	3/4		3/4		3/4		3/4	
7	77,700	7	62,473	7	47,255	7	32,041	7	16,816	7	1,942	7		7		7		7	
1/4	77,383	1/4	62,156	1/4	46,938	1/4	31,724	1/4	16,498	1/4	1,704	1/4		1/4		1/4		1/4	
1/2	77,065	1/2	61,839	1/2	46,621	1/2	31,407	1/2	16,181	1/2	1,519	1/2		1/2		1/2		1/2	
3/4	76,748	3/4	61,522	3/4	46,305	3/4	31,090	3/4	15,864	3/4	1,334	3/4		3/4		3/4		3/4	
8	76,431	8	61,205	8	45,988	8	30,773	8	15,547	8	1,149	8		8		8		8	
1/4	76,114	1/4	60,887	1/4	45,671	1/4	30,455	1/4	15,230	1/4	964	1/4		1/4		1/4		1/4	
1/2	75,797	1/2	60,570	1/2	45,354	1/2	30,138	1/2	14,912	1/2		1/2		1/2		1/2		1/2	
3/4	75,479	3/4	60,253	3/4	45,038	3/4	29,821	3/4	14,595	3/4		3/4		3/4		3/4		3/4	
9	75,162	9	59,936	9	44,721	9	29,504	9	14,278	9		9		9		9		9	
1/4	74,845	1/4	59,618	1/4	44,404	1/4	29,187	1/4	13,961	1/4		1/4		1/4		1/4		1/4	
1/2	74,528	1/2	59,301	1/2	44,088	1/2	28,869	1/2	13,644	1/2		1/2		1/2		1/2		1/2	
3/4	74,210	3/4	58,984	3/4	43,771	3/4	28,552	3/4	13,326	3/4		3/4		3/4		3/4		3/4	
10	73,893	10	58,667	10	43,454	10	28,235	10	13,009	10		10		10		10		10	
1/4	73,576	1/4	58,350	1/4	43,138	1/4	27,918	1/4	12,692	1/4		1/4		1/4		1/4		1/4	
1/2	73,259	1/2	58,032	1/2	42,821	1/2	27,601	1/2	12,375	1/2		1/2		1/2		1/2		1/2	
3/4	72,942	3/4	57,715	3/4	42,504	3/4	27,283	3/4	12,058	3/4		3/4		3/4		3/4		3/4	
11	72,624	11	57,398	11	42,187	11	26,966	11	11,740	11		11		11		11		11	
1/4	72,307	1/4	57,081	1/4	41,871	1/4	26,649	1/4	11,423	1/4		1/4		1/4		1/4		1/4	
1/2	71,990	1/2	56,763	1/2	41,554	1/2	26,332	1/2	11,106	1/2		1/2		1/2		1/2		1/2	
3/4	71,673	3/4	56,446	3/4	41,237	3/4	26,015	3/4	10,789	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

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	222,003	0	207,902	0	192,717	0	177,498	0	162,279	0	147,060	0	131,841	0	116,622	0	101,400
1/4		1/4	221,821	1/4	207,586	1/4	192,400	1/4	177,181	1/4	161,962	1/4	146,743	1/4	131,524	1/4	116,305	1/4	101,083
1/2		1/2	221,639	1/2	207,270	1/2	192,083	1/2	176,864	1/2	161,645	1/2	146,426	1/2	131,207	1/2	115,988	1/2	100,765
3/4		3/4	221,457	3/4	206,954	3/4	191,766	3/4	176,547	3/4	161,328	3/4	146,109	3/4	130,890	3/4	115,671	3/4	100,448
1		1	221,275	1	206,639	1	191,449	1	176,230	1	161,011	1	145,792	1	130,573	1	115,354	1	100,131
1/4		1/4	221,042	1/4	206,323	1/4	191,132	1/4	175,913	1/4	160,694	1/4	145,475	1/4	130,256	1/4	115,037	1/4	99,814
1/2		1/2	220,808	1/2	206,007	1/2	190,815	1/2	175,596	1/2	160,377	1/2	145,158	1/2	129,939	1/2	114,720	1/2	99,497
3/4		3/4	220,574	3/4	205,691	3/4	190,498	3/4	175,279	3/4	160,060	3/4	144,841	3/4	129,622	3/4	114,403	3/4	99,180
2		2	220,341	2	205,375	2	190,181	2	174,962	2	159,743	2	144,524	2	129,305	2	114,086	2	98,862
1/4		1/4	220,054	1/4	205,059	1/4	189,864	1/4	174,645	1/4	159,426	1/4	144,207	1/4	128,988	1/4	113,769	1/4	98,545
1/2		1/2	219,768	1/2	204,743	1/2	189,547	1/2	174,328	1/2	159,108	1/2	143,889	1/2	128,670	1/2	113,451	1/2	98,228
3/4		3/4	219,482	3/4	204,428	3/4	189,229	3/4	174,010	3/4	158,791	3/4	143,572	3/4	128,353	3/4	113,134	3/4	97,911
3		3	219,195	3	204,112	3	188,912	3	173,693	3	158,474	3	143,255	3	128,036	3	112,817	3	97,594
1/4		1/4	218,884	1/4	203,796	1/4	188,595	1/4	173,376	1/4	158,157	1/4	142,938	1/4	127,719	1/4	112,500	1/4	97,276
1/2		1/2	218,572	1/2	203,480	1/2	188,278	1/2	173,059	1/2	157,840	1/2	142,621	1/2	127,402	1/2	112,183	1/2	96,959
3/4		3/4	218,261	3/4	203,164	3/4	187,961	3/4	172,742	3/4	157,523	3/4	142,304	3/4	127,085	3/4	111,866	3/4	96,642
4		4	217,949	4	202,848	4	187,644	4	172,425	4	157,206	4	141,987	4	126,768	4	111,549	4	96,325
1/4		1/4	217,637	1/4	202,533	1/4	187,327	1/4	172,108	1/4	156,889	1/4	141,670	1/4	126,451	1/4	111,232	1/4	96,008
1/2		1/2	217,324	1/2	202,217	1/2	187,010	1/2	171,791	1/2	156,572	1/2	141,353	1/2	126,134	1/2	110,915	1/2	95,691
3/4		3/4	217,012	3/4	201,901	3/4	186,693	3/4	171,474	3/4	156,255	3/4	141,036	3/4	125,817	3/4	110,598	3/4	95,373
5		5	216,699	5	201,585	5	186,376	5	171,157	5	155,938	5	140,719	5	125,500	5	110,281	5	95,056
1/4		1/4	216,387	1/4	201,269	1/4	186,059	1/4	170,840	1/4	155,621	1/4	140,402	1/4	125,183	1/4	109,964	1/4	94,739
1/2		1/2	216,074	1/2	200,953	1/2	185,742	1/2	170,523	1/2	155,304	1/2	140,085	1/2	124,866	1/2	109,646	1/2	94,422
3/4		3/4	215,761	3/4	200,638	3/4	185,425	3/4	170,206	3/4	154,987	3/4	139,768	3/4	124,549	3/4	109,329	3/4	94,105
6		6	215,448	6	200,322	6	185,108	6	169,889	6	154,670	6	139,451	6	124,232	6	109,012	6	93,788
1/4		1/4	215,135	1/4	200,006	1/4	184,791	1/4	169,572	1/4	154,353	1/4	139,134	1/4	123,915	1/4	108,695	1/4	93,470
1/2		1/2	214,822	1/2	199,690	1/2	184,474	1/2	169,254	1/2	154,035	1/2	138,816	1/2	123,597	1/2	108,378	1/2	93,153
3/4		3/4	214,509	3/4	199,374	3/4	184,156	3/4	168,937	3/4	153,718	3/4	138,499	3/4	123,280	3/4	108,061	3/4	92,836
7		7	214,196	7	199,058	7	183,839	7	168,620	7	153,401	7	138,182	7	122,963	7	107,743	7	92,519
1/4		1/4	213,883	1/4	198,741	1/4	183,522	1/4	168,303	1/4	153,084	1/4	137,865	1/4	122,646	1/4	107,426	1/4	92,202
1/2		1/2	213,570	1/2	198,424	1/2	183,205	1/2	167,986	1/2	152,767	1/2	137,548	1/2	122,329	1/2	107,109	1/2	91,884
3/4		3/4	213,257	3/4	198,107	3/4	182,888	3/4	167,669	3/4	152,450	3/4	137,231	3/4	122,012	3/4	106,792	3/4	91,567
8		8	212,944	8	197,790	8	182,571	8	167,352	8	152,133	8	136,914	8	121,695	8	106,475	8	91,250
1/4		1/4	212,632	1/4	197,473	1/4	182,254	1/4	167,035	1/4	151,816	1/4	136,597	1/4	121,378	1/4	106,158	1/4	90,933
1/2		1/2	212,319	1/2	197,156	1/2	181,937	1/2	166,718	1/2	151,499	1/2	136,280	1/2	121,061	1/2	105,840	1/2	90,616
3/4		3/4	212,006	3/4	196,839	3/4	181,620	3/4	166,401	3/4	151,182	3/4	135,963	3/4	120,744	3/4	105,523	3/4	90,299
9		9	211,693	9	196,522	9	181,303	9	166,084	9	150,865	9	135,646	9	120,427	9	105,206	9	89,981
1/4		1/4	211,377	1/4	196,205	1/4	180,986	1/4	165,767	1/4	150,548	1/4	135,329	1/4	120,110	1/4	104,889	1/4	89,664
1/2		1/2	211,061	1/2	195,888	1/2	180,669	1/2	165,450	1/2	150,231	1/2	135,012	1/2	119,793	1/2	104,572	1/2	89,347
3/4		3/4	210,745	3/4	195,571	3/4	180,352	3/4	165,133	3/4	149,914	3/4	134,695	3/4	119,476	3/4	104,254	3/4	89,030
10		10	210,429	10	195,254	10	180,035	10	164,816	10	149,597	10	134,378	10	119,159	10	103,937	10	88,713
1/4		1/4	210,113	1/4	194,937	1/4	179,718	1/4	164,499	1/4	149,280	1/4	134,061	1/4	118,842	1/4	103,620	1/4	88,395
1/2		1/2	209,797	1/2	194,620	1/2	179,401	1/2	164,181	1/2	148,962	1/2	133,743	1/2	118,524	1/2	103,303	1/2	88,078
3/4		3/4	209,481	3/4	194,302	3/4	179,083	3/4	163,864	3/4	148,645	3/4	133,426	3/4	118,207	3/4	102,986	3/4	87,761
11		11	209,165	11	193,985	11	178,766	11	163,547	11	148,328	11	133,109	11	117,890	11	102,669	11	87,444
1/4		1/4	208,849	1/4	193,668	1/4	178,449	1/4	163,230	1/4	148,011	1/4	132,792	1/4	117,573	1/4	102,351	1/4	87,127
1/2		1/2	208,534	1/2	193,351	1/2	178,132	1/2	162,913	1/2	147,694	1/2	132,475	1/2	117,256	1/2	102,034	1/2	86,810
3/4		3/4	208,218	3/4	193,034	3/4	177,815	3/4	162,596	3/4	147,377	3/4	132,158	3/4	116,939	3/4	101,717	3/4	86,492

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 41'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 377"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,175	0	70,951	0	55,726	0	40,586	0	25,378	0	10,154	0		0		0		0	
1/4	85,858	1/4	70,633	1/4	55,409	1/4	40,271	1/4	25,060	1/4	9,836	1/4		1/4		1/4		1/4	
1/2	85,541	1/2	70,316	1/2	55,092	1/2	39,956	1/2	24,743	1/2	9,519	1/2		1/2		1/2		1/2	
3/4	85,224	3/4	69,999	3/4	54,774	3/4	39,641	3/4	24,426	3/4	9,202	3/4		3/4		3/4		3/4	
1	84,906	1	69,682	1	54,457	1	39,326	1	24,109	1	8,885	1		1		1		1	
1/4	84,589	1/4	69,365	1/4	54,140	1/4	39,011	1/4	23,792	1/4	8,568	1/4		1/4		1/4		1/4	
1/2	84,272	1/2	69,048	1/2	53,823	1/2	38,695	1/2	23,475	1/2	8,251	1/2		1/2		1/2		1/2	
3/4	83,955	3/4	68,730	3/4	53,506	3/4	38,380	3/4	23,157	3/4	7,933	3/4		3/4		3/4		3/4	
2	83,638	2	68,413	2	53,189	2	38,064	2	22,840	2	7,616	2		2		2		2	
1/4	83,321	1/4	68,096	1/4	52,873	1/4	37,747	1/4	22,523	1/4	7,299	1/4		1/4		1/4		1/4	
1/2	83,003	1/2	67,779	1/2	52,558	1/2	37,430	1/2	22,206	1/2	6,982	1/2		1/2		1/2		1/2	
3/4	82,686	3/4	67,462	3/4	52,242	3/4	37,113	3/4	21,889	3/4	6,665	3/4		3/4		3/4		3/4	
3	82,369	3	67,144	3	51,926	3	36,796	3	21,572	3	6,348	3		3		3		3	
1/4	82,052	1/4	66,827	1/4	51,611	1/4	36,478	1/4	21,254	1/4	6,031	1/4		1/4		1/4		1/4	
1/2	81,735	1/2	66,510	1/2	51,296	1/2	36,161	1/2	20,937	1/2	5,714	1/2		1/2		1/2		1/2	
3/4	81,418	3/4	66,193	3/4	50,981	3/4	35,844	3/4	20,620	3/4	5,398	3/4		3/4		3/4		3/4	
4	81,100	4	65,876	4	50,666	4	35,527	4	20,303	4	5,081	4		4		4		4	
1/4	80,783	1/4	65,559	1/4	50,351	1/4	35,210	1/4	19,986	1/4	4,765	1/4		1/4		1/4		1/4	
1/2	80,466	1/2	65,241	1/2	50,036	1/2	34,893	1/2	19,669	1/2	4,450	1/2		1/2		1/2		1/2	
3/4	80,149	3/4	64,924	3/4	49,721	3/4	34,575	3/4	19,351	3/4	4,134	3/4		3/4		3/4		3/4	
5	79,832	5	64,607	5	49,406	5	34,258	5	19,034	5	3,818	5		5		5		5	
1/4	79,514	1/4	64,290	1/4	49,091	1/4	33,941	1/4	18,717	1/4	3,528	1/4		1/4		1/4		1/4	
1/2	79,197	1/2	63,973	1/2	48,776	1/2	33,624	1/2	18,400	1/2	3,237	1/2		1/2		1/2		1/2	
3/4	78,880	3/4	63,655	3/4	48,461	3/4	33,307	3/4	18,083	3/4	2,946	3/4		3/4		3/4		3/4	
6	78,563	6	63,338	6	48,146	6	32,990	6	17,766	6	2,656	6		6		6		6	
1/4	78,246	1/4	63,021	1/4	47,831	1/4	32,672	1/4	17,448	1/4	2,418	1/4		1/4		1/4		1/4	
1/2	77,929	1/2	62,704	1/2	47,516	1/2	32,355	1/2	17,131	1/2	2,180	1/2		1/2		1/2		1/2	
3/4	77,611	3/4	62,387	3/4	47,201	3/4	32,038	3/4	16,814	3/4	1,942	3/4		3/4		3/4		3/4	
7	77,294	7	62,070	7	46,886	7	31,721	7	16,497	7	1,704	7		7		7		7	
1/4	76,977	1/4	61,752	1/4	46,571	1/4	31,404	1/4	16,180	1/4	1,519	1/4		1/4		1/4		1/4	
1/2	76,660	1/2	61,435	1/2	46,256	1/2	31,087	1/2	15,863	1/2	1,334	1/2		1/2		1/2		1/2	
3/4	76,343	3/4	61,118	3/4	45,941	3/4	30,769	3/4	15,545	3/4	1,149	3/4		3/4		3/4		3/4	
8	76,025	8	60,801	8	45,626	8	30,452	8	15,228	8	964	8		8		8		8	
1/4	75,708	1/4	60,484	1/4	45,311	1/4	30,135	1/4	14,911	1/4		1/4		1/4		1/4		1/4	
1/2	75,391	1/2	60,166	1/2	44,996	1/2	29,818	1/2	14,594	1/2		1/2		1/2		1/2		1/2	
3/4	75,074	3/4	59,849	3/4	44,681	3/4	29,501	3/4	14,277	3/4		3/4		3/4		3/4		3/4	
9	74,757	9	59,532	9	44,366	9	29,184	9	13,960	9		9		9		9		9	
1/4	74,440	1/4	59,215	1/4	44,051	1/4	28,866	1/4	13,642	1/4		1/4		1/4		1/4		1/4	
1/2	74,122	1/2	58,898	1/2	43,736	1/2	28,549	1/2	13,325	1/2		1/2		1/2		1/2		1/2	
3/4	73,805	3/4	58,581	3/4	43,421	3/4	28,232	3/4	13,008	3/4		3/4		3/4		3/4		3/4	
10	73,488	10	58,263	10	43,106	10	27,915	10	12,691	10		10		10		10		10	
1/4	73,171	1/4	57,946	1/4	42,791	1/4	27,598	1/4	12,374	1/4		1/4		1/4		1/4		1/4	
1/2	72,854	1/2	57,629	1/2	42,476	1/2	27,281	1/2	12,057	1/2		1/2		1/2		1/2		1/2	
3/4	72,536	3/4	57,312	3/4	42,161	3/4	26,963	3/4	11,739	3/4		3/4		3/4		3/4		3/4	
11	72,219	11	56,995	11	41,846	11	26,646	11	11,422	11		11		11		11		11	
1/4	71,902	1/4	56,678	1/4	41,531	1/4	26,329	1/4	11,105	1/4		1/4		1/4		1/4		1/4	
1/2	71,585	1/2	56,360	1/2	41,216	1/2	26,012	1/2	10,788	1/2		1/2		1/2		1/2		1/2	
3/4	71,268	3/4	56,043	3/4	40,901	3/4	25,695	3/4	10,471	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	207,698	0	192,558	0	177,383	0	162,208	0	147,032	0	131,857	0	116,682	0	101,504
1/4		1/4	221,443	1/4	207,383	1/4	192,242	1/4	177,067	1/4	161,891	1/4	146,716	1/4	131,541	1/4	116,366	1/4	101,187
1/2		1/2	221,262	1/2	207,068	1/2	191,926	1/2	176,750	1/2	161,575	1/2	146,400	1/2	131,225	1/2	116,050	1/2	100,871
3/4		3/4	221,080	3/4	206,753	3/4	191,610	3/4	176,434	3/4	161,259	3/4	146,084	3/4	130,909	3/4	115,734	3/4	100,555
1		1	220,899	1	206,438	1	191,293	1	176,118	1	160,943	1	145,768	1	130,593	1	115,417	1	100,239
1/4		1/4	220,717	1/4	206,123	1/4	190,977	1/4	175,802	1/4	160,627	1/4	145,452	1/4	130,276	1/4	115,101	1/4	99,922
1/2		1/2	220,484	1/2	205,808	1/2	190,661	1/2	175,486	1/2	160,311	1/2	145,136	1/2	129,960	1/2	114,785	1/2	99,606
3/4		3/4	220,251	3/4	205,493	3/4	190,345	3/4	175,170	3/4	159,995	3/4	144,819	3/4	129,644	3/4	114,469	3/4	99,290
2		2	220,019	2	205,178	2	190,029	2	174,854	2	159,678	2	144,503	2	129,328	2	114,153	2	98,974
1/4		1/4	219,786	1/4	204,863	1/4	189,713	1/4	174,537	1/4	159,362	1/4	144,187	1/4	129,012	1/4	113,837	1/4	98,657
1/2		1/2	219,500	1/2	204,548	1/2	189,396	1/2	174,221	1/2	159,046	1/2	143,871	1/2	128,696	1/2	113,521	1/2	98,341
3/4		3/4	219,214	3/4	204,234	3/4	189,080	3/4	173,905	3/4	158,730	3/4	143,555	3/4	128,380	3/4	113,204	3/4	98,025
3		3	218,929	3	203,919	3	188,764	3	173,589	3	158,414	3	143,239	3	128,063	3	112,888	3	97,708
1/4		1/4	218,643	1/4	203,604	1/4	188,448	1/4	173,273	1/4	158,098	1/4	142,922	1/4	127,747	1/4	112,572	1/4	97,392
1/2		1/2	218,333	1/2	203,289	1/2	188,132	1/2	172,957	1/2	157,781	1/2	142,606	1/2	127,431	1/2	112,256	1/2	97,076
3/4		3/4	218,022	3/4	202,974	3/4	187,816	3/4	172,641	3/4	157,465	3/4	142,290	3/4	127,115	3/4	111,940	3/4	96,760
4		4	217,712	4	202,659	4	187,500	4	172,324	4	157,149	4	141,974	4	126,799	4	111,624	4	96,443
1/4		1/4	217,401	1/4	202,344	1/4	187,183	1/4	172,008	1/4	156,833	1/4	141,658	1/4	126,483	1/4	111,307	1/4	96,127
1/2		1/2	217,090	1/2	202,029	1/2	186,867	1/2	171,692	1/2	156,517	1/2	141,342	1/2	126,167	1/2	110,991	1/2	95,811
3/4		3/4	216,778	3/4	201,714	3/4	186,551	3/4	171,376	3/4	156,201	3/4	141,026	3/4	125,850	3/4	110,675	3/4	95,495
5		5	216,466	5	201,399	5	186,235	5	171,060	5	155,885	5	140,709	5	125,534	5	110,359	5	95,178
1/4		1/4	216,155	1/4	201,084	1/4	185,919	1/4	170,744	1/4	155,568	1/4	140,393	1/4	125,218	1/4	110,043	1/4	94,862
1/2		1/2	215,843	1/2	200,769	1/2	185,603	1/2	170,427	1/2	155,252	1/2	140,077	1/2	124,902	1/2	109,727	1/2	94,546
3/4		3/4	215,531	3/4	200,454	3/4	185,287	3/4	170,111	3/4	154,936	3/4	139,761	3/4	124,586	3/4	109,410	3/4	94,230
6		6	215,219	6	200,139	6	184,970	6	169,795	6	154,620	6	139,445	6	124,270	6	109,094	6	93,913
1/4		1/4	214,907	1/4	199,825	1/4	184,654	1/4	169,479	1/4	154,304	1/4	139,129	1/4	123,953	1/4	108,778	1/4	93,597
1/2		1/2	214,595	1/2	199,510	1/2	184,338	1/2	169,163	1/2	153,988	1/2	138,813	1/2	123,637	1/2	108,462	1/2	93,281
3/4		3/4	214,283	3/4	199,195	3/4	184,022	3/4	168,847	3/4	153,672	3/4	138,496	3/4	123,321	3/4	108,145	3/4	92,964
7		7	213,971	7	198,880	7	183,706	7	168,531	7	153,355	7	138,180	7	123,005	7	107,829	7	92,648
1/4		1/4	213,659	1/4	198,565	1/4	183,390	1/4	168,214	1/4	153,039	1/4	137,864	1/4	122,689	1/4	107,513	1/4	92,332
1/2		1/2	213,347	1/2	198,249	1/2	183,073	1/2	167,898	1/2	152,723	1/2	137,548	1/2	122,373	1/2	107,196	1/2	92,016
3/4		3/4	213,035	3/4	197,933	3/4	182,757	3/4	167,582	3/4	152,407	3/4	137,232	3/4	122,057	3/4	106,880	3/4	91,699
8		8	212,723	8	197,616	8	182,441	8	167,266	8	152,091	8	136,916	8	121,740	8	106,564	8	91,383
1/4		1/4	212,411	1/4	197,300	1/4	182,125	1/4	166,950	1/4	151,775	1/4	136,599	1/4	121,424	1/4	106,248	1/4	91,067
1/2		1/2	212,099	1/2	196,984	1/2	181,809	1/2	166,634	1/2	151,459	1/2	136,283	1/2	121,108	1/2	105,931	1/2	90,751
3/4		3/4	211,787	3/4	196,668	3/4	181,493	3/4	166,318	3/4	151,142	3/4	135,967	3/4	120,792	3/4	105,615	3/4	90,434
9		9	211,475	9	196,352	9	181,177	9	166,001	9	150,826	9	135,651	9	120,476	9	105,299	9	90,118
1/4		1/4	211,163	1/4	196,036	1/4	180,860	1/4	165,685	1/4	150,510	1/4	135,335	1/4	120,160	1/4	104,983	1/4	89,802
1/2		1/2	210,848	1/2	195,719	1/2	180,544	1/2	165,369	1/2	150,194	1/2	135,019	1/2	119,844	1/2	104,666	1/2	89,486
3/4		3/4	210,533	3/4	195,403	3/4	180,228	3/4	165,053	3/4	149,878	3/4	134,703	3/4	119,527	3/4	104,350	3/4	89,169
10		10	210,218	10	195,087	10	179,912	10	164,737	10	149,562	10	134,386	10	119,211	10	104,034	10	88,853
1/4		1/4	209,903	1/4	194,771	1/4	179,596	1/4	164,421	1/4	149,245	1/4	134,070	1/4	118,895	1/4	103,718	1/4	88,537
1/2		1/2	209,588	1/2	194,455	1/2	179,280	1/2	164,104	1/2	148,929	1/2	133,754	1/2	118,579	1/2	103,401	1/2	88,221
3/4		3/4	209,273	3/4	194,139	3/4	178,964	3/4	163,788	3/4	148,613	3/4	133,438	3/4	118,263	3/4	103,085	3/4	87,904
11		11	208,958	11	193,823	11	178,647	11	163,472	11	148,297	11	133,122	11	117,947	11	102,769	11	87,588
1/4		1/4	208,643	1/4	193,506	1/4	178,331	1/4	163,156	1/4	147,981	1/4	132,806	1/4	117,630	1/4	102,452	1/4	87,272
1/2		1/2	208,328	1/2	193,190	1/2	178,015	1/2	162,840	1/2	147,665	1/2	132,490	1/2	117,314	1/2	102,136	1/2	86,955
3/4		3/4	208,013	3/4	192,874	3/4	177,699	3/4	162,524	3/4	147,349	3/4	132,173	3/4	116,998	3/4	101,820	3/4	86,639

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 377"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	86,323	0	71,142	0	55,961	0	40,799	0	25,621	0	10,441	0		0		0		0	
1/4	86,007	1/4	70,826	1/4	55,645	1/4	40,483	1/4	25,305	1/4	10,125	1/4		1/4		1/4		1/4	
1/2	85,690	1/2	70,510	1/2	55,329	1/2	40,167	1/2	24,988	1/2	9,808	1/2		1/2		1/2		1/2	
3/4	85,374	3/4	70,193	3/4	55,013	3/4	39,851	3/4	24,672	3/4	9,492	3/4		3/4		3/4		3/4	
1	85,058	1	69,877	1	54,696	1	39,536	1	24,356	1	9,176	1		1		1		1	
1/4	84,742	1/4	69,561	1/4	54,380	1/4	39,220	1/4	24,040	1/4	8,859	1/4		1/4		1/4		1/4	
1/2	84,425	1/2	69,245	1/2	54,064	1/2	38,904	1/2	23,723	1/2	8,543	1/2		1/2		1/2		1/2	
3/4	84,109	3/4	68,928	3/4	53,747	3/4	38,587	3/4	23,407	3/4	8,227	3/4		3/4		3/4		3/4	
2	83,793	2	68,612	2	53,431	2	38,271	2	23,091	2	7,911	2		2		2		2	
1/4	83,477	1/4	68,296	1/4	53,115	1/4	37,955	1/4	22,775	1/4	7,594	1/4		1/4		1/4		1/4	
1/2	83,160	1/2	67,979	1/2	52,799	1/2	37,639	1/2	22,458	1/2	7,278	1/2		1/2		1/2		1/2	
3/4	82,844	3/4	67,663	3/4	52,482	3/4	37,322	3/4	22,142	3/4	6,962	3/4		3/4		3/4		3/4	
3	82,528	3	67,347	3	52,166	3	37,006	3	21,826	3	6,646	3		3		3		3	
1/4	82,211	1/4	67,031	1/4	51,850	1/4	36,690	1/4	21,510	1/4	6,330	1/4		1/4		1/4		1/4	
1/2	81,895	1/2	66,714	1/2	51,534	1/2	36,374	1/2	21,193	1/2	6,014	1/2		1/2		1/2		1/2	
3/4	81,579	3/4	66,398	3/4	51,218	3/4	36,057	3/4	20,877	3/4	5,698	3/4		3/4		3/4		3/4	
4	81,263	4	66,082	4	50,903	4	35,741	4	20,561	4	5,382	4		4		4		4	
1/4	80,946	1/4	65,766	1/4	50,587	1/4	35,425	1/4	20,245	1/4	5,066	1/4		1/4		1/4		1/4	
1/2	80,630	1/2	65,449	1/2	50,271	1/2	35,109	1/2	19,928	1/2	4,752	1/2		1/2		1/2		1/2	
3/4	80,314	3/4	65,133	3/4	49,955	3/4	34,792	3/4	19,612	3/4	4,437	3/4		3/4		3/4		3/4	
5	79,998	5	64,817	5	49,640	5	34,476	5	19,296	5	4,122	5		5		5		5	
1/4	79,681	1/4	64,501	1/4	49,324	1/4	34,160	1/4	18,980	1/4	3,807	1/4		1/4		1/4		1/4	
1/2	79,365	1/2	64,184	1/2	49,008	1/2	33,844	1/2	18,663	1/2	3,518	1/2		1/2		1/2		1/2	
3/4	79,049	3/4	63,868	3/4	48,692	3/4	33,527	3/4	18,347	3/4	3,228	3/4		3/4		3/4		3/4	
6	78,733	6	63,552	6	48,377	6	33,211	6	18,031	6	2,938	6		6		6		6	
1/4	78,416	1/4	63,235	1/4	48,061	1/4	32,895	1/4	17,715	1/4	2,648	1/4		1/4		1/4		1/4	
1/2	78,100	1/2	62,919	1/2	47,745	1/2	32,579	1/2	17,398	1/2	2,411	1/2		1/2		1/2		1/2	
3/4	77,784	3/4	62,603	3/4	47,429	3/4	32,262	3/4	17,082	3/4	2,174	3/4		3/4		3/4		3/4	
7	77,467	7	62,287	7	47,114	7	31,946	7	16,766	7	1,937	7		7		7		7	
1/4	77,151	1/4	61,970	1/4	46,798	1/4	31,630	1/4	16,450	1/4	1,699	1/4		1/4		1/4		1/4	
1/2	76,835	1/2	61,654	1/2	46,482	1/2	31,314	1/2	16,133	1/2	1,515	1/2		1/2		1/2		1/2	
3/4	76,519	3/4	61,338	3/4	46,166	3/4	30,997	3/4	15,817	3/4	1,331	3/4		3/4		3/4		3/4	
8	76,202	8	61,022	8	45,851	8	30,681	8	15,501	8	1,146	8		8		8		8	
1/4	75,886	1/4	60,705	1/4	45,535	1/4	30,365	1/4	15,185	1/4	961	1/4		1/4		1/4		1/4	
1/2	75,570	1/2	60,389	1/2	45,219	1/2	30,048	1/2	14,868	1/2		1/2		1/2		1/2		1/2	
3/4	75,254	3/4	60,073	3/4	44,903	3/4	29,732	3/4	14,552	3/4		3/4		3/4		3/4		3/4	
9	74,937	9	59,757	9	44,588	9	29,416	9	14,236	9		9		9		9		9	
1/4	74,621	1/4	59,440	1/4	44,272	1/4	29,100	1/4	13,920	1/4		1/4		1/4		1/4		1/4	
1/2	74,305	1/2	59,124	1/2	43,956	1/2	28,783	1/2	13,603	1/2		1/2		1/2		1/2		1/2	
3/4	73,989	3/4	58,808	3/4	43,640	3/4	28,467	3/4	13,287	3/4		3/4		3/4		3/4		3/4	
10	73,672	10	58,491	10	43,325	10	28,151	10	12,971	10		10		10		10		10	
1/4	73,356	1/4	58,175	1/4	43,009	1/4	27,835	1/4	12,655	1/4		1/4		1/4		1/4		1/4	
1/2	73,040	1/2	57,859	1/2	42,693	1/2	27,518	1/2	12,338	1/2		1/2		1/2		1/2		1/2	
3/4	72,723	3/4	57,543	3/4	42,377	3/4	27,202	3/4	12,022	3/4		3/4		3/4		3/4		3/4	
11	72,407	11	57,226	11	42,062	11	26,886	11	11,706	11		11		11		11		11	
1/4	72,091	1/4	56,910	1/4	41,746	1/4	26,570	1/4	11,390	1/4		1/4		1/4		1/4		1/4	
1/2	71,775	1/2	56,594	1/2	41,430	1/2	26,253	1/2	11,073	1/2		1/2		1/2		1/2		1/2	
3/4	71,458	3/4	56,278	3/4	41,114	3/4	25,937	3/4	10,757	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	207,204	0	192,052	0	176,864	0	161,676	0	146,488	0	131,300	0	116,112	0	100,921
1/4		1/4	220,961	1/4	206,889	1/4	191,735	1/4	176,547	1/4	161,359	1/4	146,171	1/4	130,983	1/4	115,795	1/4	100,604
1/2		1/2	220,779	1/2	206,574	1/2	191,419	1/2	176,231	1/2	161,043	1/2	145,855	1/2	130,667	1/2	115,479	1/2	100,287
3/4		3/4	220,598	3/4	206,258	3/4	191,102	3/4	175,914	3/4	160,726	3/4	145,538	3/4	130,350	3/4	115,162	3/4	99,971
1		1	220,416	1	205,943	1	190,786	1	175,598	1	160,410	1	145,222	1	130,034	1	114,846	1	99,654
1/4		1/4	220,235	1/4	205,628	1/4	190,469	1/4	175,281	1/4	160,093	1/4	144,906	1/4	129,718	1/4	114,530	1/4	99,338
1/2		1/2	220,002	1/2	205,313	1/2	190,153	1/2	174,965	1/2	159,777	1/2	144,589	1/2	129,401	1/2	114,213	1/2	99,021
3/4		3/4	219,768	3/4	204,998	3/4	189,837	3/4	174,649	3/4	159,461	3/4	144,273	3/4	129,085	3/4	113,897	3/4	98,705
2		2	219,535	2	204,682	2	189,520	2	174,332	2	159,144	2	143,956	2	128,768	2	113,580	2	98,388
1/4		1/4	219,302	1/4	204,367	1/4	189,204	1/4	174,016	1/4	158,828	1/4	143,640	1/4	128,452	1/4	113,264	1/4	98,072
1/2		1/2	219,016	1/2	204,052	1/2	188,887	1/2	173,699	1/2	158,511	1/2	143,323	1/2	128,135	1/2	112,948	1/2	97,755
3/4		3/4	218,731	3/4	203,737	3/4	188,571	3/4	173,383	3/4	158,195	3/4	143,007	3/4	127,819	3/4	112,631	3/4	97,439
3		3	218,445	3	203,422	3	188,255	3	173,067	3	157,879	3	142,691	3	127,503	3	112,315	3	97,122
1/4		1/4	218,159	1/4	203,107	1/4	187,938	1/4	172,750	1/4	157,562	1/4	142,374	1/4	127,186	1/4	111,998	1/4	96,806
1/2		1/2	217,848	1/2	202,791	1/2	187,622	1/2	172,434	1/2	157,246	1/2	142,058	1/2	126,870	1/2	111,682	1/2	96,489
3/4		3/4	217,537	3/4	202,476	3/4	187,305	3/4	172,117	3/4	156,929	3/4	141,741	3/4	126,553	3/4	111,365	3/4	96,173
4		4	217,227	4	202,161	4	186,989	4	171,801	4	156,613	4	141,425	4	126,237	4	111,049	4	95,856
1/4		1/4	216,916	1/4	201,846	1/4	186,672	1/4	171,484	1/4	156,296	1/4	141,109	1/4	125,921	1/4	110,733	1/4	95,539
1/2		1/2	216,604	1/2	201,531	1/2	186,356	1/2	171,168	1/2	155,980	1/2	140,792	1/2	125,604	1/2	110,416	1/2	95,223
3/4		3/4	216,292	3/4	201,215	3/4	186,040	3/4	170,852	3/4	155,664	3/4	140,476	3/4	125,288	3/4	110,100	3/4	94,906
5		5	215,980	5	200,900	5	185,723	5	170,535	5	155,347	5	140,159	5	124,971	5	109,783	5	94,590
1/4		1/4	215,668	1/4	200,585	1/4	185,407	1/4	170,219	1/4	155,031	1/4	139,843	1/4	124,655	1/4	109,467	1/4	94,273
1/2		1/2	215,356	1/2	200,270	1/2	185,090	1/2	169,902	1/2	154,714	1/2	139,526	1/2	124,338	1/2	109,150	1/2	93,957
3/4		3/4	215,044	3/4	199,955	3/4	184,774	3/4	169,586	3/4	154,398	3/4	139,210	3/4	124,022	3/4	108,834	3/4	93,640
6		6	214,732	6	199,639	6	184,458	6	169,270	6	154,082	6	138,894	6	123,706	6	108,517	6	93,324
1/4		1/4	214,419	1/4	199,324	1/4	184,141	1/4	168,953	1/4	153,765	1/4	138,577	1/4	123,389	1/4	108,201	1/4	93,007
1/2		1/2	214,107	1/2	199,009	1/2	183,825	1/2	168,637	1/2	153,449	1/2	138,261	1/2	123,073	1/2	107,884	1/2	92,691
3/4		3/4	213,795	3/4	198,694	3/4	183,508	3/4	168,320	3/4	153,132	3/4	137,944	3/4	122,756	3/4	107,568	3/4	92,374
7		7	213,483	7	198,379	7	183,192	7	168,004	7	152,816	7	137,628	7	122,440	7	107,251	7	92,058
1/4		1/4	213,170	1/4	198,063	1/4	182,875	1/4	167,687	1/4	152,500	1/4	137,312	1/4	122,124	1/4	106,935	1/4	91,741
1/2		1/2	212,858	1/2	197,747	1/2	182,559	1/2	167,371	1/2	152,183	1/2	136,995	1/2	121,807	1/2	106,618	1/2	91,425
3/4		3/4	212,546	3/4	197,431	3/4	182,243	3/4	167,055	3/4	151,867	3/4	136,679	3/4	121,491	3/4	106,302	3/4	91,108
8		8	212,233	8	197,114	8	181,926	8	166,738	8	151,550	8	136,362	8	121,174	8	105,985	8	90,792
1/4		1/4	211,921	1/4	196,798	1/4	181,610	1/4	166,422	1/4	151,234	1/4	136,046	1/4	120,858	1/4	105,669	1/4	90,475
1/2		1/2	211,609	1/2	196,481	1/2	181,293	1/2	166,105	1/2	150,917	1/2	135,729	1/2	120,541	1/2	105,352	1/2	90,158
3/4		3/4	211,297	3/4	196,165	3/4	180,977	3/4	165,789	3/4	150,601	3/4	135,413	3/4	120,225	3/4	105,035	3/4	89,842
9		9	210,984	9	195,848	9	180,661	9	165,473	9	150,285	9	135,097	9	119,909	9	104,719	9	89,525
1/4		1/4	210,672	1/4	195,532	1/4	180,344	1/4	165,156	1/4	149,968	1/4	134,780	1/4	119,592	1/4	104,402	1/4	89,209
1/2		1/2	210,357	1/2	195,216	1/2	180,028	1/2	164,840	1/2	149,652	1/2	134,464	1/2	119,276	1/2	104,086	1/2	88,892
3/4		3/4	210,041	3/4	194,899	3/4	179,711	3/4	164,523	3/4	149,335	3/4	134,147	3/4	118,959	3/4	103,769	3/4	88,576
10		10	209,726	10	194,583	10	179,395	10	164,207	10	149,019	10	133,831	10	118,643	10	103,453	10	88,259
1/4		1/4	209,411	1/4	194,266	1/4	179,078	1/4	163,890	1/4	148,703	1/4	133,515	1/4	118,327	1/4	103,136	1/4	87,943
1/2		1/2	209,096	1/2	193,950	1/2	178,762	1/2	163,574	1/2	148,386	1/2	133,198	1/2	118,010	1/2	102,820	1/2	87,626
3/4		3/4	208,780	3/4	193,634	3/4	178,446	3/4	163,258	3/4	148,070	3/4	132,882	3/4	117,694	3/4	102,503	3/4	87,310
11		11	208,465	11	193,317	11	178,129	11	162,941	11	147,753	11	132,565	11	117,377	11	102,187	11	86,993
1/4		1/4	208,150	1/4	193,001	1/4	177,813	1/4	162,625	1/4	147,437	1/4	132,249	1/4	117,061	1/4	101,870	1/4	86,677
1/2		1/2	207,834	1/2	192,684	1/2	177,496	1/2	162,308	1/2	147,120	1/2	131,932	1/2	116,744	1/2	101,554	1/2	86,360
3/4		3/4	207,519	3/4	192,368	3/4	177,180	3/4	161,992	3/4	146,804	3/4	131,616	3/4	116,428	3/4	101,237	3/4	86,044

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 377"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 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	85,727	0	70,533	0	55,340	0	40,707	0	25,642	0	10,449	0		0		0		0	
1/4	85,410	1/4	70,217	1/4	55,023	1/4	40,405	1/4	25,325	1/4	10,132	1/4		1/4		1/4		1/4	
1/2	85,094	1/2	69,900	1/2	54,707	1/2	40,103	1/2	25,009	1/2	9,816	1/2		1/2		1/2		1/2	
3/4	84,777	3/4	69,584	3/4	54,390	3/4	39,801	3/4	24,692	3/4	9,499	3/4		3/4		3/4		3/4	
1	84,461	1	69,267	1	54,074	1	39,499	1	24,376	1	9,183	1		1		1		1	
1/4	84,144	1/4	68,951	1/4	53,757	1/4	39,196	1/4	24,059	1/4	8,866	1/4		1/4		1/4		1/4	
1/2	83,828	1/2	68,634	1/2	53,441	1/2	38,894	1/2	23,743	1/2	8,550	1/2		1/2		1/2		1/2	
3/4	83,511	3/4	68,318	3/4	53,124	3/4	38,591	3/4	23,426	3/4	8,233	3/4		3/4		3/4		3/4	
2	83,195	2	68,001	2	52,808	2	38,289	2	23,110	2	7,917	2		2		2		2	
1/4	82,878	1/4	67,685	1/4	52,491	1/4	37,986	1/4	22,793	1/4	7,600	1/4		1/4		1/4		1/4	
1/2	82,562	1/2	67,368	1/2	52,188	1/2	37,669	1/2	22,477	1/2	7,284	1/2		1/2		1/2		1/2	
3/4	82,245	3/4	67,052	3/4	51,886	3/4	37,353	3/4	22,160	3/4	6,967	3/4		3/4		3/4		3/4	
3	81,929	3	66,735	3	51,583	3	37,036	3	21,843	3	6,651	3		3		3		3	
1/4	81,612	1/4	66,418	1/4	51,281	1/4	36,720	1/4	21,527	1/4	6,334	1/4		1/4		1/4		1/4	
1/2	81,296	1/2	66,102	1/2	50,978	1/2	36,403	1/2	21,210	1/2	6,018	1/2		1/2		1/2		1/2	
3/4	80,979	3/4	65,785	3/4	50,676	3/4	36,087	3/4	20,894	3/4	5,702	3/4		3/4		3/4		3/4	
4	80,662	4	65,469	4	50,374	4	35,770	4	20,577	4	5,386	4		4		4		4	
1/4	80,346	1/4	65,152	1/4	50,072	1/4	35,454	1/4	20,261	1/4	5,070	1/4		1/4		1/4		1/4	
1/2	80,029	1/2	64,836	1/2	49,770	1/2	35,137	1/2	19,944	1/2	4,755	1/2		1/2		1/2		1/2	
3/4	79,713	3/4	64,519	3/4	49,468	3/4	34,821	3/4	19,628	3/4	4,440	3/4		3/4		3/4		3/4	
5	79,396	5	64,203	5	49,166	5	34,504	5	19,311	5	4,125	5		5		5		5	
1/4	79,080	1/4	63,886	1/4	48,864	1/4	34,188	1/4	18,995	1/4	3,810	1/4		1/4		1/4		1/4	
1/2	78,763	1/2	63,570	1/2	48,562	1/2	33,871	1/2	18,678	1/2	3,520	1/2		1/2		1/2		1/2	
3/4	78,447	3/4	63,253	3/4	48,260	3/4	33,555	3/4	18,362	3/4	3,230	3/4		3/4		3/4		3/4	
6	78,130	6	62,937	6	47,957	6	33,238	6	18,045	6	2,940	6		6		6		6	
1/4	77,814	1/4	62,620	1/4	47,655	1/4	32,922	1/4	17,729	1/4	2,650	1/4		1/4		1/4		1/4	
1/2	77,497	1/2	62,304	1/2	47,353	1/2	32,605	1/2	17,412	1/2	2,412	1/2		1/2		1/2		1/2	
3/4	77,181	3/4	61,987	3/4	47,051	3/4	32,289	3/4	17,096	3/4	2,175	3/4		3/4		3/4		3/4	
7	76,864	7	61,670	7	46,749	7	31,972	7	16,779	7	1,937	7		7		7		7	
1/4	76,548	1/4	61,354	1/4	46,447	1/4	31,656	1/4	16,463	1/4	1,700	1/4		1/4		1/4		1/4	
1/2	76,231	1/2	61,037	1/2	46,145	1/2	31,339	1/2	16,146	1/2	1,516	1/2		1/2		1/2		1/2	
3/4	75,914	3/4	60,721	3/4	45,843	3/4	31,023	3/4	15,830	3/4	1,331	3/4		3/4		3/4		3/4	
8	75,598	8	60,404	8	45,541	8	30,706	8	15,513	8	1,146	8		8		8		8	
1/4	75,281	1/4	60,088	1/4	45,239	1/4	30,390	1/4	15,197	1/4	962	1/4		1/4		1/4		1/4	
1/2	74,965	1/2	59,771	1/2	44,936	1/2	30,073	1/2	14,880	1/2		1/2		1/2		1/2		1/2	
3/4	74,648	3/4	59,455	3/4	44,634	3/4	29,756	3/4	14,564	3/4		3/4		3/4		3/4		3/4	
9	74,332	9	59,138	9	44,332	9	29,440	9	14,247	9		9		9		9		9	
1/4	74,015	1/4	58,822	1/4	44,030	1/4	29,123	1/4	13,930	1/4		1/4		1/4		1/4		1/4	
1/2	73,699	1/2	58,505	1/2	43,728	1/2	28,807	1/2	13,614	1/2		1/2		1/2		1/2		1/2	
3/4	73,382	3/4	58,189	3/4	43,426	3/4	28,490	3/4	13,297	3/4		3/4		3/4		3/4		3/4	
10	73,066	10	57,872	10	43,124	10	28,174	10	12,981	10		10		10		10		10	
1/4	72,749	1/4	57,556	1/4	42,822	1/4	27,857	1/4	12,664	1/4		1/4		1/4		1/4		1/4	
1/2	72,433	1/2	57,239	1/2	42,520	1/2	27,541	1/2	12,348	1/2		1/2		1/2		1/2		1/2	
3/4	72,116	3/4	56,923	3/4	42,217	3/4	27,224	3/4	12,031	3/4		3/4		3/4		3/4		3/4	
11	71,800	11	56,606	11	41,915	11	26,908	11	11,715	11		11		11		11		11	
1/4	71,483	1/4	56,289	1/4	41,613	1/4	26,591	1/4	11,398	1/4		1/4		1/4		1/4		1/4	
1/2	71,166	1/2	55,973	1/2	41,311	1/2	26,275	1/2	11,082	1/2		1/2		1/2		1/2		1/2	
3/4	70,850	3/4	55,656	3/4	41,009	3/4	25,958	3/4	10,765	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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



BARGE "CBC 377"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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		0		0	179,414	0	171,303	0	163,174	0	155,044	0	146,627	0	131,594	0	116,507	0	101,395
1/4		1/4		1/4	179,245	1/4	171,134	1/4	163,004	1/4	154,875	1/4	146,313	1/4	131,279	1/4	116,192	1/4	101,080
1/2		1/2	186,168	1/2	179,077	1/2	170,964	1/2	162,835	1/2	154,706	1/2	146,000	1/2	130,965	1/2	115,877	1/2	100,765
3/4		3/4	186,131	3/4	178,908	3/4	170,795	3/4	162,666	3/4	154,536	3/4	145,686	3/4	130,651	3/4	115,563	3/4	100,450
1		1	186,095	1	178,739	1	170,626	1	162,496	1	154,367	1	145,373	1	130,336	1	115,248	1	100,135
1/4		1/4	186,058	1/4	178,570	1/4	170,456	1/4	162,327	1/4	154,198	1/4	145,059	1/4	130,022	1/4	114,933	1/4	99,820
1/2		1/2	186,022	1/2	178,402	1/2	170,287	1/2	162,158	1/2	154,028	1/2	144,746	1/2	129,708	1/2	114,618	1/2	99,506
3/4		3/4	185,933	3/4	178,233	3/4	170,118	3/4	161,988	3/4	153,859	3/4	144,432	3/4	129,394	3/4	114,303	3/4	99,191
2		2	185,845	2	178,064	2	169,948	2	161,819	2	153,690	2	144,119	2	129,079	2	113,989	2	98,876
1/4		1/4	185,757	1/4	177,895	1/4	169,779	1/4	161,649	1/4	153,520	1/4	143,805	1/4	128,765	1/4	113,674	1/4	98,561
1/2		1/2	185,668	1/2	177,727	1/2	169,609	1/2	161,480	1/2	153,351	1/2	143,492	1/2	128,451	1/2	113,359	1/2	98,246
3/4		3/4	185,527	3/4	177,558	3/4	169,440	3/4	161,311	3/4	153,181	3/4	143,178	3/4	128,137	3/4	113,044	3/4	97,931
3		3	185,386	3	177,389	3	169,271	3	161,141	3	153,012	3	142,865	3	127,822	3	112,729	3	97,616
1/4		1/4	185,246	1/4	177,220	1/4	169,101	1/4	160,972	1/4	152,843	1/4	142,552	1/4	127,508	1/4	112,415	1/4	97,301
1/2		1/2	185,105	1/2	177,052	1/2	168,932	1/2	160,803	1/2	152,673	1/2	142,238	1/2	127,194	1/2	112,100	1/2	96,987
3/4		3/4	184,939	3/4	176,883	3/4	168,763	3/4	160,633	3/4	152,504	3/4	141,925	3/4	126,879	3/4	111,785	3/4	96,672
4		4	184,774	4	176,714	4	168,593	4	160,464	4	152,335	4	141,611	4	126,565	4	111,470	4	96,357
1/4		1/4	184,608	1/4	176,545	1/4	168,424	1/4	160,295	1/4	152,165	1/4	141,298	1/4	126,251	1/4	111,155	1/4	96,042
1/2		1/2	184,442	1/2	176,377	1/2	168,255	1/2	160,125	1/2	151,996	1/2	140,984	1/2	125,937	1/2	110,840	1/2	95,727
3/4		3/4	184,276	3/4	176,208	3/4	168,085	3/4	159,956	3/4	151,827	3/4	140,671	3/4	125,622	3/4	110,526	3/4	95,412
5		5	184,109	5	176,039	5	167,916	5	159,787	5	151,657	5	140,357	5	125,308	5	110,211	5	95,097
1/4		1/4	183,942	1/4	175,870	1/4	167,746	1/4	159,617	1/4	151,488	1/4	140,044	1/4	124,994	1/4	109,896	1/4	94,782
1/2		1/2	183,775	1/2	175,702	1/2	167,577	1/2	159,448	1/2	151,319	1/2	139,730	1/2	124,680	1/2	109,581	1/2	94,468
3/4		3/4	183,608	3/4	175,533	3/4	167,408	3/4	159,278	3/4	151,149	3/4	139,417	3/4	124,365	3/4	109,266	3/4	94,153
6		6	183,441	6	175,364	6	167,238	6	159,109	6	150,980	6	139,104	6	124,051	6	108,952	6	93,838
1/4		1/4	183,274	1/4	175,195	1/4	167,069	1/4	158,940	1/4	150,810	1/4	138,792	1/4	123,737	1/4	108,637	1/4	93,523
1/2		1/2	183,107	1/2	175,027	1/2	166,900	1/2	158,770	1/2	150,641	1/2	138,479	1/2	123,422	1/2	108,322	1/2	93,208
3/4		3/4	182,940	3/4	174,858	3/4	166,730	3/4	158,601	3/4	150,472	3/4	138,166	3/4	123,108	3/4	108,007	3/4	92,893
7		7	182,773	7	174,689	7	166,561	7	158,432	7	150,302	7	137,853	7	122,794	7	107,692	7	92,578
1/4		1/4	182,606	1/4	174,520	1/4	166,392	1/4	158,262	1/4	150,133	1/4	137,540	1/4	122,480	1/4	107,377	1/4	92,264
1/2		1/2	182,439	1/2	174,352	1/2	166,222	1/2	158,093	1/2	149,964	1/2	137,227	1/2	122,165	1/2	107,062	1/2	91,949
3/4		3/4	182,271	3/4	174,182	3/4	166,053	3/4	157,924	3/4	149,794	3/4	136,915	3/4	121,851	3/4	106,747	3/4	91,634
8		8	182,104	8	174,013	8	165,884	8	157,754	8	149,625	8	136,602	8	121,537	8	106,433	8	91,319
1/4		1/4	181,937	1/4	173,843	1/4	165,714	1/4	157,585	1/4	149,456	1/4	136,289	1/4	121,223	1/4	106,118	1/4	91,004
1/2		1/2	181,770	1/2	173,674	1/2	165,545	1/2	157,415	1/2	149,286	1/2	135,976	1/2	120,908	1/2	105,803	1/2	90,689
3/4		3/4	181,603	3/4	173,505	3/4	165,375	3/4	157,246	3/4	149,117	3/4	135,663	3/4	120,594	3/4	105,488	3/4	90,374
9		9	181,436	9	173,335	9	165,206	9	157,077	9	148,947	9	135,350	9	120,280	9	105,173	9	90,059
1/4		1/4	181,269	1/4	173,166	1/4	165,037	1/4	156,907	1/4	148,778	1/4	135,038	1/4	119,965	1/4	104,858	1/4	89,745
1/2		1/2	181,102	1/2	172,997	1/2	164,867	1/2	156,738	1/2	148,609	1/2	134,725	1/2	119,651	1/2	104,543	1/2	89,430
3/4		3/4	180,933	3/4	172,827	3/4	164,698	3/4	156,569	3/4	148,439	3/4	134,412	3/4	119,337	3/4	104,229	3/4	89,115
10		10	180,764	10	172,658	10	164,529	10	156,399	10	148,270	10	134,099	10	119,023	10	103,914	10	88,800
1/4		1/4	180,595	1/4	172,489	1/4	164,359	1/4	156,230	1/4	148,101	1/4	133,786	1/4	118,708	1/4	103,599	1/4	88,485
1/2		1/2	180,427	1/2	172,319	1/2	164,190	1/2	156,061	1/2	147,931	1/2	133,473	1/2	118,394	1/2	103,284	1/2	88,170
3/4		3/4	180,258	3/4	172,150	3/4	164,021	3/4	155,891	3/4	147,762	3/4	133,161	3/4	118,080	3/4	102,969	3/4	87,855
11		11	180,089	11	171,980	11	163,851	11	155,722	11	147,593	11	132,848	11	117,766	11	102,654	11	87,541
1/4		1/4	179,920	1/4	171,811	1/4	163,682	1/4	155,553	1/4	147,423	1/4	132,535	1/4	117,451	1/4	102,339	1/4	87,226
1/2		1/2	179,752	1/2	171,642	1/2	163,512	1/2	155,383	1/2	147,254	1/2	132,222	1/2	117,137	1/2	102,024	1/2	86,911
3/4		3/4	179,583	3/4	171,472	3/4	163,343	3/4	155,214	3/4	146,940	3/4	131,908	3/4	116,822	3/4	101,710	3/4	86,596

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 377"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	86,281	0	71,164	0	56,047	0	40,942	0	25,829	0	10,712	0		0		0		0	
1/4	85,966	1/4	70,849	1/4	55,732	1/4	40,627	1/4	25,514	1/4	10,397	1/4		1/4		1/4		1/4	
1/2	85,651	1/2	70,534	1/2	55,417	1/2	40,313	1/2	25,199	1/2	10,082	1/2		1/2		1/2		1/2	
3/4	85,336	3/4	70,219	3/4	55,102	3/4	39,998	3/4	24,884	3/4	9,767	3/4		3/4		3/4		3/4	
1	85,021	1	69,904	1	54,787	1	39,684	1	24,569	1	9,452	1		1		1		1	
1/4	84,707	1/4	69,589	1/4	54,472	1/4	39,369	1/4	24,254	1/4	9,137	1/4		1/4		1/4		1/4	
1/2	84,392	1/2	69,274	1/2	54,157	1/2	39,055	1/2	23,939	1/2	8,822	1/2		1/2		1/2		1/2	
3/4	84,077	3/4	68,959	3/4	53,842	3/4	38,740	3/4	23,624	3/4	8,507	3/4		3/4		3/4		3/4	
2	83,762	2	68,644	2	53,527	2	38,425	2	23,309	2	8,192	2		2		2		2	
1/4	83,447	1/4	68,329	1/4	53,212	1/4	38,111	1/4	22,994	1/4	7,878	1/4		1/4		1/4		1/4	
1/2	83,132	1/2	68,015	1/2	52,897	1/2	37,796	1/2	22,679	1/2	7,563	1/2		1/2		1/2		1/2	
3/4	82,817	3/4	67,700	3/4	52,582	3/4	37,481	3/4	22,364	3/4	7,248	3/4		3/4		3/4		3/4	
3	82,502	3	67,385	3	52,267	3	37,166	3	22,049	3	6,933	3		3		3		3	
1/4	82,187	1/4	67,070	1/4	51,952	1/4	36,851	1/4	21,734	1/4	6,618	1/4		1/4		1/4		1/4	
1/2	81,872	1/2	66,755	1/2	51,637	1/2	36,536	1/2	21,420	1/2	6,303	1/2		1/2		1/2		1/2	
3/4	81,557	3/4	66,440	3/4	51,323	3/4	36,221	3/4	21,105	3/4	5,989	3/4		3/4		3/4		3/4	
4	81,242	4	66,125	4	51,008	4	35,906	4	20,790	4	5,674	4		4		4		4	
1/4	80,927	1/4	65,810	1/4	50,693	1/4	35,591	1/4	20,475	1/4	5,360	1/4		1/4		1/4		1/4	
1/2	80,612	1/2	65,495	1/2	50,378	1/2	35,276	1/2	20,160	1/2	5,045	1/2		1/2		1/2		1/2	
3/4	80,297	3/4	65,180	3/4	50,064	3/4	34,962	3/4	19,845	3/4	4,732	3/4		3/4		3/4		3/4	
5	79,982	5	64,865	5	49,749	5	34,647	5	19,530	5	4,418	5		5		5		5	
1/4	79,667	1/4	64,550	1/4	49,435	1/4	34,332	1/4	19,215	1/4	4,105	1/4		1/4		1/4		1/4	
1/2	79,352	1/2	64,235	1/2	49,120	1/2	34,017	1/2	18,900	1/2	3,791	1/2		1/2		1/2		1/2	
3/4	79,038	3/4	63,920	3/4	48,805	3/4	33,702	3/4	18,585	3/4	3,503	3/4		3/4		3/4		3/4	
6	78,723	6	63,605	6	48,491	6	33,387	6	18,270	6	3,214	6		6		6		6	
1/4	78,408	1/4	63,290	1/4	48,176	1/4	33,072	1/4	17,955	1/4	2,926	1/4		1/4		1/4		1/4	
1/2	78,093	1/2	62,975	1/2	47,862	1/2	32,757	1/2	17,640	1/2	2,637	1/2		1/2		1/2		1/2	
3/4	77,778	3/4	62,660	3/4	47,547	3/4	32,442	3/4	17,325	3/4	2,401	3/4		3/4		3/4		3/4	
7	77,463	7	62,346	7	47,233	7	32,127	7	17,011	7	2,165	7		7		7		7	
1/4	77,148	1/4	62,031	1/4	46,918	1/4	31,812	1/4	16,696	1/4	1,928	1/4		1/4		1/4		1/4	
1/2	76,833	1/2	61,716	1/2	46,604	1/2	31,497	1/2	16,381	1/2	1,692	1/2		1/2		1/2		1/2	
3/4	76,518	3/4	61,401	3/4	46,289	3/4	31,182	3/4	16,066	3/4	1,509	3/4		3/4		3/4		3/4	
8	76,203	8	61,086	8	45,975	8	30,867	8	15,751	8	1,325	8		8		8		8	
1/4	75,888	1/4	60,771	1/4	45,660	1/4	30,553	1/4	15,436	1/4	1,141	1/4		1/4		1/4		1/4	
1/2	75,573	1/2	60,456	1/2	45,345	1/2	30,238	1/2	15,121	1/2	957	1/2		1/2		1/2		1/2	
3/4	75,258	3/4	60,141	3/4	45,031	3/4	29,923	3/4	14,806	3/4		3/4		3/4		3/4		3/4	
9	74,943	9	59,826	9	44,716	9	29,608	9	14,491	9		9		9		9		9	
1/4	74,628	1/4	59,511	1/4	44,402	1/4	29,293	1/4	14,176	1/4		1/4		1/4		1/4		1/4	
1/2	74,313	1/2	59,196	1/2	44,087	1/2	28,978	1/2	13,861	1/2		1/2		1/2		1/2		1/2	
3/4	73,998	3/4	58,881	3/4	43,773	3/4	28,663	3/4	13,546	3/4		3/4		3/4		3/4		3/4	
10	73,684	10	58,566	10	43,458	10	28,348	10	13,231	10		10		10		10		10	
1/4	73,369	1/4	58,251	1/4	43,144	1/4	28,033	1/4	12,916	1/4		1/4		1/4		1/4		1/4	
1/2	73,054	1/2	57,936	1/2	42,829	1/2	27,718	1/2	12,601	1/2		1/2		1/2		1/2		1/2	
3/4	72,739	3/4	57,621	3/4	42,515	3/4	27,403	3/4	12,287	3/4		3/4		3/4		3/4		3/4	
11	72,424	11	57,306	11	42,200	11	27,088	11	11,972	11		11		11		11		11	
1/4	72,109	1/4	56,992	1/4	41,885	1/4	26,773	1/4	11,657	1/4		1/4		1/4		1/4		1/4	
1/2	71,794	1/2	56,677	1/2	41,571	1/2	26,458	1/2	11,342	1/2		1/2		1/2		1/2		1/2	
3/4	71,479	3/4	56,362	3/4	41,256	3/4	26,143	3/4	11,027	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 377"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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		0		0	178,141	0	170,064	0	161,969	0	153,874	0	145,490	0	130,496	0	115,457	0	100,383
1/4		1/4		1/4	177,973	1/4	169,895	1/4	161,800	1/4	153,705	1/4	145,178	1/4	130,183	1/4	115,143	1/4	100,069
1/2		1/2	184,863	1/2	177,805	1/2	169,727	1/2	161,632	1/2	153,536	1/2	144,865	1/2	129,869	1/2	114,828	1/2	99,755
3/4		3/4	184,827	3/4	177,637	3/4	169,558	3/4	161,463	3/4	153,368	3/4	144,552	3/4	129,556	3/4	114,514	3/4	99,441
1		1	184,791	1	177,469	1	169,389	1	161,294	1	153,199	1	144,240	1	129,242	1	114,200	1	99,127
1/4		1/4	184,755	1/4	177,301	1/4	169,221	1/4	161,126	1/4	153,030	1/4	143,927	1/4	128,929	1/4	113,886	1/4	98,813
1/2		1/2	184,719	1/2	177,133	1/2	169,052	1/2	160,957	1/2	152,862	1/2	143,614	1/2	128,615	1/2	113,572	1/2	98,499
3/4		3/4	184,632	3/4	176,965	3/4	168,884	3/4	160,788	3/4	152,693	3/4	143,302	3/4	128,302	3/4	113,258	3/4	98,185
2		2	184,544	2	176,797	2	168,715	2	160,620	2	152,524	2	142,989	2	127,989	2	112,945	2	97,871
1/4		1/4	184,456	1/4	176,629	1/4	168,546	1/4	160,451	1/4	152,356	1/4	142,676	1/4	127,676	1/4	112,631	1/4	97,557
1/2		1/2	184,368	1/2	176,461	1/2	168,378	1/2	160,282	1/2	152,187	1/2	142,364	1/2	127,363	1/2	112,317	1/2	97,243
3/4		3/4	184,228	3/4	176,293	3/4	168,209	3/4	160,114	3/4	152,019	3/4	142,051	3/4	127,050	3/4	112,003	3/4	96,929
3		3	184,088	3	176,124	3	168,040	3	159,945	3	151,850	3	141,738	3	126,737	3	111,689	3	96,615
1/4		1/4	183,948	1/4	175,956	1/4	167,872	1/4	159,776	1/4	151,681	1/4	141,426	1/4	126,423	1/4	111,375	1/4	96,301
1/2		1/2	183,808	1/2	175,788	1/2	167,703	1/2	159,608	1/2	151,513	1/2	141,113	1/2	126,110	1/2	111,061	1/2	95,987
3/4		3/4	183,643	3/4	175,620	3/4	167,534	3/4	159,439	3/4	151,344	3/4	140,800	3/4	125,797	3/4	110,747	3/4	95,673
4		4	183,478	4	175,452	4	167,366	4	159,270	4	151,175	4	140,488	4	125,484	4	110,433	4	95,358
1/4		1/4	183,313	1/4	175,284	1/4	167,197	1/4	159,102	1/4	151,007	1/4	140,175	1/4	125,171	1/4	110,119	1/4	95,044
1/2		1/2	183,148	1/2	175,116	1/2	167,028	1/2	158,933	1/2	150,838	1/2	139,862	1/2	124,858	1/2	109,805	1/2	94,730
3/4		3/4	182,982	3/4	174,948	3/4	166,860	3/4	158,765	3/4	150,669	3/4	139,550	3/4	124,545	3/4	109,491	3/4	94,416
5		5	182,816	5	174,780	5	166,691	5	158,596	5	150,501	5	139,237	5	124,231	5	109,177	5	94,102
1/4		1/4	182,650	1/4	174,612	1/4	166,522	1/4	158,427	1/4	150,332	1/4	138,924	1/4	123,918	1/4	108,863	1/4	93,788
1/2		1/2	182,484	1/2	174,444	1/2	166,354	1/2	158,259	1/2	150,163	1/2	138,612	1/2	123,605	1/2	108,549	1/2	93,474
3/4		3/4	182,318	3/4	174,276	3/4	166,185	3/4	158,090	3/4	149,995	3/4	138,300	3/4	123,292	3/4	108,235	3/4	93,160
6		6	182,151	6	174,108	6	166,016	6	157,921	6	149,826	6	137,988	6	122,979	6	107,921	6	92,846
1/4		1/4	181,985	1/4	173,940	1/4	165,848	1/4	157,753	1/4	149,657	1/4	137,676	1/4	122,666	1/4	107,606	1/4	92,532
1/2		1/2	181,818	1/2	173,772	1/2	165,679	1/2	157,584	1/2	149,489	1/2	137,364	1/2	122,353	1/2	107,292	1/2	92,218
3/4		3/4	181,652	3/4	173,604	3/4	165,511	3/4	157,415	3/4	149,320	3/4	137,052	3/4	122,039	3/4	106,978	3/4	91,904
7		7	181,486	7	173,436	7	165,342	7	157,247	7	149,151	7	136,739	7	121,726	7	106,664	7	91,590
1/4		1/4	181,319	1/4	173,268	1/4	165,173	1/4	157,078	1/4	148,983	1/4	136,427	1/4	121,413	1/4	106,350	1/4	91,276
1/2		1/2	181,153	1/2	173,100	1/2	165,005	1/2	156,909	1/2	148,814	1/2	136,115	1/2	121,100	1/2	106,036	1/2	90,962
3/4		3/4	180,986	3/4	172,931	3/4	164,836	3/4	156,741	3/4	148,646	3/4	135,803	3/4	120,787	3/4	105,722	3/4	90,648
8		8	180,820	8	172,762	8	164,667	8	156,572	8	148,477	8	135,491	8	120,473	8	105,408	8	90,334
1/4		1/4	180,653	1/4	172,594	1/4	164,499	1/4	156,403	1/4	148,308	1/4	135,179	1/4	120,160	1/4	105,094	1/4	90,020
1/2		1/2	180,487	1/2	172,425	1/2	164,330	1/2	156,235	1/2	148,140	1/2	134,867	1/2	119,846	1/2	104,780	1/2	89,706
3/4		3/4	180,321	3/4	172,257	3/4	164,161	3/4	156,066	3/4	147,971	3/4	134,555	3/4	119,533	3/4	104,466	3/4	89,391
9		9	180,154	9	172,088	9	163,993	9	155,897	9	147,802	9	134,243	9	119,219	9	104,152	9	89,077
1/4		1/4	179,988	1/4	171,919	1/4	163,824	1/4	155,729	1/4	147,634	1/4	133,931	1/4	118,906	1/4	103,838	1/4	88,763
1/2		1/2	179,821	1/2	171,751	1/2	163,655	1/2	155,560	1/2	147,465	1/2	133,619	1/2	118,592	1/2	103,524	1/2	88,449
3/4		3/4	179,653	3/4	171,582	3/4	163,487	3/4	155,392	3/4	147,296	3/4	133,307	3/4	118,279	3/4	103,210	3/4	88,135
10		10	179,485	10	171,413	10	163,318	10	155,223	10	147,128	10	132,995	10	117,965	10	102,896	10	87,821
1/4		1/4	179,317	1/4	171,245	1/4	163,149	1/4	155,054	1/4	146,959	1/4	132,683	1/4	117,652	1/4	102,582	1/4	87,507
1/2		1/2	179,149	1/2	171,076	1/2	162,981	1/2	154,886	1/2	146,790	1/2	132,371	1/2	117,339	1/2	102,268	1/2	87,193
3/4		3/4	178,981	3/4	170,907	3/4	162,812	3/4	154,717	3/4	146,622	3/4	132,059	3/4	117,025	3/4	101,954	3/4	86,879
11		11	178,813	11	170,739	11	162,643	11	154,548	11	146,453	11	131,747	11	116,712	11	101,639	11	86,565
1/4		1/4	178,645	1/4	170,570	1/4	162,475	1/4	154,380	1/4	146,284	1/4	131,435	1/4	116,398	1/4	101,325	1/4	86,251
1/2		1/2	178,477	1/2	170,401	1/2	162,306	1/2	154,211	1/2	146,116	1/2	131,123	1/2	116,085	1/2	101,011	1/2	85,937
3/4		3/4	178,309	3/4	170,233	3/4	162,138	3/4	154,042	3/4	145,803	3/4	130,810	3/4	115,771	3/4	100,697	3/4	85,623

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 TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 377"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-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	85,309	0	70,231	0	55,210	0	40,559	0	25,771	0	10,688	0		0		0		0	
1/4	84,995	1/4	69,917	1/4	54,898	1/4	40,259	1/4	25,456	1/4	10,374	1/4		1/4		1/4		1/4	
1/2	84,681	1/2	69,603	1/2	54,587	1/2	39,959	1/2	25,142	1/2	10,060	1/2		1/2		1/2		1/2	
3/4	84,367	3/4	69,288	3/4	54,275	3/4	39,659	3/4	24,828	3/4	9,746	3/4		3/4		3/4		3/4	
1	84,052	1	68,974	1	53,964	1	39,359	1	24,514	1	9,432	1		1		1		1	
1/4	83,738	1/4	68,660	1/4	53,652	1/4	39,059	1/4	24,200	1/4	9,117	1/4		1/4		1/4		1/4	
1/2	83,424	1/2	68,346	1/2	53,341	1/2	38,759	1/2	23,885	1/2	8,803	1/2		1/2		1/2		1/2	
3/4	83,110	3/4	68,032	3/4	53,029	3/4	38,459	3/4	23,571	3/4	8,489	3/4		3/4		3/4		3/4	
2	82,796	2	67,718	2	52,718	2	38,159	2	23,257	2	8,175	2		2		2		2	
1/4	82,482	1/4	67,404	1/4	52,406	1/4	37,858	1/4	22,943	1/4	7,860	1/4		1/4		1/4		1/4	
1/2	82,168	1/2	67,090	1/2	52,094	1/2	37,558	1/2	22,629	1/2	7,546	1/2		1/2		1/2		1/2	
3/4	81,854	3/4	66,775	3/4	51,784	3/4	37,257	3/4	22,314	3/4	7,232	3/4		3/4		3/4		3/4	
3	81,539	3	66,461	3	51,473	3	36,956	3	22,000	3	6,918	3		3		3		3	
1/4	81,225	1/4	66,147	1/4	51,162	1/4	36,655	1/4	21,686	1/4	6,604	1/4		1/4		1/4		1/4	
1/2	80,911	1/2	65,833	1/2	50,851	1/2	36,354	1/2	21,372	1/2	6,290	1/2		1/2		1/2		1/2	
3/4	80,597	3/4	65,519	3/4	50,540	3/4	36,053	3/4	21,057	3/4	5,976	3/4		3/4		3/4		3/4	
4	80,283	4	65,205	4	50,230	4	35,752	4	20,743	4	5,662	4		4		4		4	
1/4	79,969	1/4	64,891	1/4	49,919	1/4	35,450	1/4	20,429	1/4	5,348	1/4		1/4		1/4		1/4	
1/2	79,655	1/2	64,577	1/2	49,608	1/2	35,149	1/2	20,115	1/2	5,034	1/2		1/2		1/2		1/2	
3/4	79,341	3/4	64,262	3/4	49,296	3/4	34,847	3/4	19,801	3/4	4,721	3/4		3/4		3/4		3/4	
5	79,026	5	63,948	5	48,984	5	34,545	5	19,486	5	4,408	5		5		5		5	
1/4	78,712	1/4	63,634	1/4	48,672	1/4	34,242	1/4	19,172	1/4	4,095	1/4		1/4		1/4		1/4	
1/2	78,398	1/2	63,320	1/2	48,360	1/2	33,940	1/2	18,858	1/2	3,783	1/2		1/2		1/2		1/2	
3/4	78,084	3/4	63,006	3/4	48,060	3/4	33,626	3/4	18,544	3/4	3,495	3/4		3/4		3/4		3/4	
6	77,770	6	62,692	6	47,760	6	33,312	6	18,230	6	3,208	6		6		6		6	
1/4	77,456	1/4	62,378	1/4	47,460	1/4	32,998	1/4	17,915	1/4	2,920	1/4		1/4		1/4		1/4	
1/2	77,142	1/2	62,064	1/2	47,160	1/2	32,683	1/2	17,601	1/2	2,633	1/2		1/2		1/2		1/2	
3/4	76,828	3/4	61,752	3/4	46,860	3/4	32,369	3/4	17,287	3/4	2,397	3/4		3/4		3/4		3/4	
7	76,513	7	61,440	7	46,560	7	32,055	7	16,973	7	2,162	7		7		7		7	
1/4	76,199	1/4	61,129	1/4	46,260	1/4	31,741	1/4	16,658	1/4	1,926	1/4		1/4		1/4		1/4	
1/2	75,885	1/2	60,817	1/2	45,960	1/2	31,426	1/2	16,344	1/2	1,690	1/2		1/2		1/2		1/2	
3/4	75,571	3/4	60,506	3/4	45,660	3/4	31,112	3/4	16,030	3/4	1,507	3/4		3/4		3/4		3/4	
8	75,257	8	60,194	8	45,360	8	30,798	8	15,716	8	1,323	8		8		8		8	
1/4	74,943	1/4	59,883	1/4	45,060	1/4	30,484	1/4	15,402	1/4	1,140	1/4		1/4		1/4		1/4	
1/2	74,629	1/2	59,571	1/2	44,760	1/2	30,170	1/2	15,087	1/2	957	1/2		1/2		1/2		1/2	
3/4	74,315	3/4	59,260	3/4	44,460	3/4	29,855	3/4	14,773	3/4		3/4		3/4		3/4		3/4	
9	74,000	9	58,948	9	44,160	9	29,541	9	14,459	9		9		9		9		9	
1/4	73,686	1/4	58,637	1/4	43,860	1/4	29,227	1/4	14,145	1/4		1/4		1/4		1/4		1/4	
1/2	73,372	1/2	58,325	1/2	43,560	1/2	28,913	1/2	13,831	1/2		1/2		1/2		1/2		1/2	
3/4	73,058	3/4	58,014	3/4	43,260	3/4	28,599	3/4	13,516	3/4		3/4		3/4		3/4		3/4	
10	72,744	10	57,702	10	42,960	10	28,284	10	13,202	10		10		10		10		10	
1/4	72,430	1/4	57,391	1/4	42,660	1/4	27,970	1/4	12,888	1/4		1/4		1/4		1/4		1/4	
1/2	72,116	1/2	57,079	1/2	42,359	1/2	27,656	1/2	12,574	1/2		1/2		1/2		1/2		1/2	
3/4	71,802	3/4	56,767	3/4	42,059	3/4	27,342	3/4	12,259	3/4		3/4		3/4		3/4		3/4	
11	71,487	11	56,456	11	41,759	11	27,027	11	11,945	11		11		11		11		11	
1/4	71,173	1/4	56,144	1/4	41,459	1/4	26,713	1/4	11,631	1/4		1/4		1/4		1/4		1/4	
1/2	70,859	1/2	55,833	1/2	41,159	1/2	26,399	1/2	11,317	1/2		1/2		1/2		1/2		1/2	
3/4	70,545	3/4	55,521	3/4	40,859	3/4	26,085	3/4	11,003	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/06/2013 CL - SW
CALCULATED: 02/08/2013 CL
PRINTED: 02/11/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
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