



BARGE "CBC 373"

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	00-3/8	- 00-3/8
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	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	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
2 STBD	00-0/8	- 00-0/8	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
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	- 03-3/8	03-3/8
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	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-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"

January 3, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 373"

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	960	0	15,157	0	30,311	0	45,454	0	60,598	0	75,752	0	90,906	0	106,060	0	121,210	0	136,358
1/4	1,144	1/4	15,473	1/4	30,627	1/4	45,769	1/4	60,914	1/4	76,068	1/4	91,222	1/4	106,376	1/4	121,526	1/4	136,674
1/2	1,328	1/2	15,789	1/2	30,942	1/2	46,085	1/2	61,229	1/2	76,383	1/2	91,538	1/2	106,692	1/2	121,841	1/2	136,990
3/4	1,512	3/4	16,104	3/4	31,258	3/4	46,400	3/4	61,545	3/4	76,699	3/4	91,853	3/4	107,007	3/4	122,157	3/4	137,305
1	1,696	1	16,420	1	31,574	1	46,715	1	61,861	1	77,015	1	92,169	1	107,323	1	122,472	1	137,621
1/4	1,933	1/4	16,736	1/4	31,889	1/4	47,030	1/4	62,177	1/4	77,331	1/4	92,485	1/4	107,639	1/4	122,788	1/4	137,936
1/2	2,170	1/2	17,052	1/2	32,205	1/2	47,345	1/2	62,492	1/2	77,646	1/2	92,800	1/2	107,954	1/2	123,104	1/2	138,252
3/4	2,406	3/4	17,367	3/4	32,521	3/4	47,661	3/4	62,808	3/4	77,962	3/4	93,116	3/4	108,270	3/4	123,419	3/4	138,568
2	2,643	2	17,683	2	32,836	2	47,976	2	63,124	2	78,278	2	93,432	2	108,586	2	123,735	2	138,883
1/4	2,932	1/4	17,999	1/4	33,152	1/4	48,291	1/4	63,439	1/4	78,593	1/4	93,747	1/4	108,902	1/4	124,050	1/4	139,199
1/2	3,222	1/2	18,314	1/2	33,468	1/2	48,606	1/2	63,755	1/2	78,909	1/2	94,063	1/2	109,217	1/2	124,366	1/2	139,514
3/4	3,511	3/4	18,630	3/4	33,783	3/4	48,921	3/4	64,071	3/4	79,225	3/4	94,379	3/4	109,533	3/4	124,682	3/4	139,830
3	3,800	3	18,946	3	34,099	3	49,237	3	64,387	3	79,541	3	94,695	3	109,849	3	124,997	3	140,146
1/4	4,114	1/4	19,261	1/4	34,415	1/4	49,552	1/4	64,702	1/4	79,856	1/4	95,010	1/4	110,164	1/4	125,313	1/4	140,461
1/2	4,429	1/2	19,577	1/2	34,731	1/2	49,867	1/2	65,018	1/2	80,172	1/2	95,326	1/2	110,480	1/2	125,628	1/2	140,777
3/4	4,743	3/4	19,893	3/4	35,046	3/4	50,182	3/4	65,334	3/4	80,488	3/4	95,642	3/4	110,795	3/4	125,944	3/4	141,092
4	5,057	4	20,209	4	35,362	4	50,497	4	65,649	4	80,803	4	95,957	4	111,111	4	126,259	4	141,408
1/4	5,372	1/4	20,524	1/4	35,678	1/4	50,813	1/4	65,965	1/4	81,119	1/4	96,273	1/4	111,427	1/4	126,575	1/4	141,724
1/2	5,688	1/2	20,840	1/2	35,993	1/2	51,128	1/2	66,281	1/2	81,435	1/2	96,589	1/2	111,742	1/2	126,891	1/2	142,039
3/4	6,003	3/4	21,156	3/4	36,309	3/4	51,443	3/4	66,596	3/4	81,751	3/4	96,905	3/4	112,058	3/4	127,206	3/4	142,355
5	6,318	5	21,471	5	36,625	5	51,758	5	66,912	5	82,066	5	97,220	5	112,373	5	127,522	5	142,670
1/4	6,634	1/4	21,787	1/4	36,940	1/4	52,074	1/4	67,228	1/4	82,382	1/4	97,536	1/4	112,689	1/4	127,837	1/4	142,986
1/2	6,949	1/2	22,103	1/2	37,256	1/2	52,390	1/2	67,544	1/2	82,698	1/2	97,852	1/2	113,005	1/2	128,153	1/2	143,302
3/4	7,265	3/4	22,418	3/4	37,572	3/4	52,705	3/4	67,859	3/4	83,013	3/4	98,167	3/4	113,320	3/4	128,469	3/4	143,617
6	7,581	6	22,734	6	37,888	6	53,021	6	68,175	6	83,329	6	98,483	6	113,636	6	128,784	6	143,933
1/4	7,896	1/4	23,050	1/4	38,203	1/4	53,337	1/4	68,491	1/4	83,645	1/4	98,799	1/4	113,951	1/4	129,100	1/4	144,248
1/2	8,212	1/2	23,365	1/2	38,519	1/2	53,652	1/2	68,806	1/2	83,960	1/2	99,115	1/2	114,267	1/2	129,415	1/2	144,564
3/4	8,528	3/4	23,681	3/4	38,835	3/4	53,968	3/4	69,122	3/4	84,276	3/4	99,430	3/4	114,583	3/4	129,731	3/4	144,880
7	8,843	7	23,997	7	39,150	7	54,284	7	69,438	7	84,592	7	99,746	7	114,898	7	130,047	7	145,195
1/4	9,159	1/4	24,313	1/4	39,466	1/4	54,600	1/4	69,754	1/4	84,908	1/4	100,062	1/4	115,214	1/4	130,362	1/4	145,511
1/2	9,475	1/2	24,628	1/2	39,781	1/2	54,915	1/2	70,069	1/2	85,223	1/2	100,377	1/2	115,529	1/2	130,678	1/2	145,826
3/4	9,791	3/4	24,944	3/4	40,096	3/4	55,231	3/4	70,385	3/4	85,539	3/4	100,693	3/4	115,845	3/4	130,993	3/4	146,142
8	10,106	8	25,260	8	40,411	8	55,547	8	70,701	8	85,855	8	101,009	8	116,161	8	131,309	8	146,457
1/4	10,422	1/4	25,575	1/4	40,726	1/4	55,862	1/4	71,016	1/4	86,170	1/4	101,324	1/4	116,476	1/4	131,625	1/4	146,773
1/2	10,738	1/2	25,891	1/2	41,041	1/2	56,178	1/2	71,332	1/2	86,486	1/2	101,640	1/2	116,792	1/2	131,940	1/2	147,089
3/4	11,053	3/4	26,207	3/4	41,357	3/4	56,494	3/4	71,648	3/4	86,802	3/4	101,956	3/4	117,107	3/4	132,256	3/4	147,404
9	11,369	9	26,522	9	41,672	9	56,809	9	71,964	9	87,118	9	102,272	9	117,423	9	132,571	9	147,720
1/4	11,685	1/4	26,838	1/4	41,987	1/4	57,125	1/4	72,279	1/4	87,433	1/4	102,587	1/4	117,738	1/4	132,887	1/4	148,035
1/2	12,000	1/2	27,154	1/2	42,302	1/2	57,441	1/2	72,595	1/2	87,749	1/2	102,903	1/2	118,054	1/2	133,203	1/2	148,351
3/4	12,316	3/4	27,470	3/4	42,617	3/4	57,757	3/4	72,911	3/4	88,065	3/4	103,219	3/4	118,370	3/4	133,518	3/4	148,667
10	12,632	10	27,785	10	42,933	10	58,072	10	73,226	10	88,380	10	103,534	10	118,685	10	133,834	10	148,982
1/4	12,947	1/4	28,101	1/4	43,248	1/4	58,388	1/4	73,542	1/4	88,696	1/4	103,850	1/4	119,001	1/4	134,149	1/4	149,298
1/2	13,263	1/2	28,417	1/2	43,563	1/2	58,704	1/2	73,858	1/2	89,012	1/2	104,166	1/2	119,316	1/2	134,465	1/2	149,613
3/4	13,579	3/4	28,732	3/4	43,878	3/4	59,019	3/4	74,174	3/4	89,328	3/4	104,482	3/4	119,632	3/4	134,781	3/4	149,929
11	13,895	11	29,048	11	44,193	11	59,335	11	74,489	11	89,643	11	104,797	11	119,948	11	135,096	11	150,245
1/4	14,210	1/4	29,364	1/4	44,509	1/4	59,651	1/4	74,805	1/4	89,959	1/4	105,113	1/4	120,263	1/4	135,412	1/4	150,560
1/2	14,526	1/2	29,679	1/2	44,824	1/2	59,967	1/2	75,121	1/2	90,275	1/2	105,429	1/2	120,579	1/2	135,727	1/2	150,876
3/4	14,842	3/4	29,995	3/4	45,139	3/4	60,282	3/4	75,436	3/4	90,590	3/4	105,744	3/4	120,894	3/4	136,043	3/4	151,191

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 THE TOP LIP OF 2" "HERMETIC" VALVE.

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

PRECISION MEASUREMENT
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BARGE "CBC 373"

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	151,507	0	166,655	0	181,804	0	196,952	0	212,037	0		0		0		0		0	
1/4	151,823	1/4	166,971	1/4	182,120	1/4	197,268	1/4	212,348	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,138	1/2	167,287	1/2	182,435	1/2	197,584	1/2	212,660	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,454	3/4	167,602	3/4	182,751	3/4	197,899	3/4	212,971	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,769	1	167,918	1	183,066	1	198,215	1	213,282	1	1	1	1	1	1	1	1	1	1
1/4	153,085	1/4	168,233	1/4	183,382	1/4	198,529	1/4	213,594	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,401	1/2	168,549	1/2	183,697	1/2	198,844	1/2	213,905	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,716	3/4	168,865	3/4	184,013	3/4	199,158	3/4	214,217	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,032	2	169,180	2	184,329	2	199,472	2	214,528	2	2	2	2	2	2	2	2	2	2
1/4	154,347	1/4	169,496	1/4	184,644	1/4	199,787	1/4	214,840	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,663	1/2	169,811	1/2	184,960	1/2	200,101	1/2	215,151	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,978	3/4	170,127	3/4	185,275	3/4	200,415	3/4	215,463	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,294	3	170,443	3	185,591	3	200,730	3	215,774	3	3	3	3	3	3	3	3	3	3
1/4	155,610	1/4	170,758	1/4	185,907	1/4	201,044	1/4	216,085	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,925	1/2	171,074	1/2	186,222	1/2	201,359	1/2	216,396	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,241	3/4	171,389	3/4	186,538	3/4	201,673	3/4	216,707	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,556	4	171,705	4	186,853	4	201,987	4	217,018	4	4	4	4	4	4	4	4	4	4
1/4	156,872	1/4	172,021	1/4	187,169	1/4	202,302	1/4	217,328	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,188	1/2	172,336	1/2	187,485	1/2	202,616	1/2	217,638	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,503	3/4	172,652	3/4	187,800	3/4	202,930	3/4	217,948	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,819	5	172,967	5	188,116	5	203,245	5	218,258	5	5	5	5	5	5	5	5	5	5
1/4	158,134	1/4	173,283	1/4	188,431	1/4	203,559	1/4	218,543	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,450	1/2	173,598	1/2	188,747	1/2	203,874	1/2	218,828	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,766	3/4	173,914	3/4	189,063	3/4	204,188	3/4	219,114	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,081	6	174,230	6	189,378	6	204,502	6	219,399	6	6	6	6	6	6	6	6	6	6
1/4	159,397	1/4	174,545	1/4	189,694	1/4	204,817	1/4	219,631	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,712	1/2	174,861	1/2	190,009	1/2	205,131	1/2	219,864	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,028	3/4	175,176	3/4	190,325	3/4	205,445	3/4	220,096	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,344	7	175,492	7	190,641	7	205,760	7	220,329	7	7	7	7	7	7	7	7	7	7
1/4	160,659	1/4	175,808	1/4	190,956	1/4	206,074	1/4	220,510	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,975	1/2	176,123	1/2	191,272	1/2	206,389	1/2	220,691	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,290	3/4	176,439	3/4	191,587	3/4	206,703	3/4	220,872	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,606	8	176,754	8	191,903	8	207,017	8	221,053	8	8	8	8	8	8	8	8	8	8
1/4	161,922	1/4	177,070	1/4	192,218	1/4	207,332	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,237	1/2	177,386	1/2	192,534	1/2	207,646	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,553	3/4	177,701	3/4	192,850	3/4	207,960	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,868	9	178,017	9	193,165	9	208,275	9		9	9	9	9	9	9	9	9	9	9
1/4	163,184	1/4	178,332	1/4	193,481	1/4	208,589	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,500	1/2	178,648	1/2	193,796	1/2	208,904	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,815	3/4	178,964	3/4	194,112	3/4	209,218	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,131	10	179,279	10	194,428	10	209,533	10		10	10	10	10	10	10	10	10	10	10
1/4	164,446	1/4	179,595	1/4	194,743	1/4	209,847	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,762	1/2	179,910	1/2	195,059	1/2	210,162	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,077	3/4	180,226	3/4	195,374	3/4	210,476	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,393	11	180,542	11	195,690	11	210,791	11		11	11	11	11	11	11	11	11	11	11
1/4	165,709	1/4	180,857	1/4	196,006	1/4	211,102	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,024	1/2	181,173	1/2	196,321	1/2	211,414	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,340	3/4	181,488	3/4	196,637	3/4	211,725	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "CBC 373"

1 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	964	0	15,222	0	30,441	0	45,610	0	60,779	0	75,998	0	91,217	0	106,436	0	121,651	0	136,865
1/4	1,149	1/4	15,540	1/4	30,758	1/4	45,925	1/4	61,096	1/4	76,315	1/4	91,534	1/4	106,753	1/4	121,968	1/4	137,181
1/2	1,334	1/2	15,857	1/2	31,075	1/2	46,239	1/2	61,413	1/2	76,632	1/2	91,851	1/2	107,070	1/2	122,285	1/2	137,498
3/4	1,518	3/4	16,174	3/4	31,392	3/4	46,554	3/4	61,730	3/4	76,949	3/4	92,168	3/4	107,387	3/4	122,602	3/4	137,815
1	1,703	1	16,491	1	31,709	1	46,869	1	62,047	1	77,266	1	92,485	1	107,704	1	122,919	1	138,132
1/4	1,941	1/4	16,808	1/4	32,026	1/4	47,184	1/4	62,364	1/4	77,583	1/4	92,802	1/4	108,021	1/4	123,236	1/4	138,449
1/2	2,179	1/2	17,125	1/2	32,343	1/2	47,499	1/2	62,681	1/2	77,900	1/2	93,119	1/2	108,338	1/2	123,553	1/2	138,766
3/4	2,417	3/4	17,442	3/4	32,660	3/4	47,814	3/4	62,998	3/4	78,217	3/4	93,436	3/4	108,655	3/4	123,870	3/4	139,083
2	2,654	2	17,759	2	32,977	2	48,129	2	63,315	2	78,534	2	93,753	2	108,973	2	124,187	2	139,400
1/4	2,945	1/4	18,076	1/4	33,294	1/4	48,444	1/4	63,632	1/4	78,851	1/4	94,070	1/4	109,290	1/4	124,504	1/4	139,717
1/2	3,235	1/2	18,393	1/2	33,612	1/2	48,759	1/2	63,949	1/2	79,168	1/2	94,388	1/2	109,607	1/2	124,820	1/2	140,034
3/4	3,526	3/4	18,710	3/4	33,929	3/4	49,073	3/4	64,266	3/4	79,485	3/4	94,705	3/4	109,924	3/4	125,137	3/4	140,351
3	3,817	3	19,027	3	34,246	3	49,388	3	64,583	3	79,803	3	95,022	3	110,241	3	125,454	3	140,668
1/4	4,132	1/4	19,344	1/4	34,563	1/4	49,703	1/4	64,900	1/4	80,120	1/4	95,339	1/4	110,558	1/4	125,771	1/4	140,985
1/2	4,448	1/2	19,661	1/2	34,880	1/2	50,018	1/2	65,218	1/2	80,437	1/2	95,656	1/2	110,875	1/2	126,088	1/2	141,302
3/4	4,763	3/4	19,978	3/4	35,197	3/4	50,333	3/4	65,535	3/4	80,754	3/4	95,973	3/4	111,192	3/4	126,405	3/4	141,619
4	5,079	4	20,295	4	35,514	4	50,648	4	65,852	4	81,071	4	96,290	4	111,509	4	126,722	4	141,936
1/4	5,395	1/4	20,612	1/4	35,831	1/4	50,963	1/4	66,169	1/4	81,388	1/4	96,607	1/4	111,826	1/4	127,039	1/4	142,253
1/2	5,712	1/2	20,929	1/2	36,148	1/2	51,278	1/2	66,486	1/2	81,705	1/2	96,924	1/2	112,143	1/2	127,356	1/2	142,570
3/4	6,029	3/4	21,246	3/4	36,465	3/4	51,593	3/4	66,803	3/4	82,022	3/4	97,241	3/4	112,459	3/4	127,673	3/4	142,887
5	6,345	5	21,564	5	36,782	5	51,907	5	67,120	5	82,339	5	97,558	5	112,776	5	127,990	5	143,203
1/4	6,662	1/4	21,881	1/4	37,099	1/4	52,223	1/4	67,437	1/4	82,656	1/4	97,875	1/4	113,093	1/4	128,307	1/4	143,520
1/2	6,979	1/2	22,198	1/2	37,416	1/2	52,538	1/2	67,754	1/2	82,973	1/2	98,192	1/2	113,410	1/2	128,624	1/2	143,837
3/4	7,296	3/4	22,515	3/4	37,733	3/4	52,854	3/4	68,071	3/4	83,290	3/4	98,509	3/4	113,727	3/4	128,941	3/4	144,154
6	7,613	6	22,832	6	38,050	6	53,169	6	68,388	6	83,607	6	98,826	6	114,044	6	129,258	6	144,471
1/4	7,930	1/4	23,149	1/4	38,366	1/4	53,486	1/4	68,705	1/4	83,924	1/4	99,144	1/4	114,361	1/4	129,575	1/4	144,788
1/2	8,247	1/2	23,466	1/2	38,681	1/2	53,803	1/2	69,022	1/2	84,241	1/2	99,461	1/2	114,678	1/2	129,892	1/2	145,105
3/4	8,564	3/4	23,783	3/4	38,996	3/4	54,120	3/4	69,339	3/4	84,559	3/4	99,778	3/4	114,995	3/4	130,209	3/4	145,422
7	8,881	7	24,100	7	39,312	7	54,437	7	69,656	7	84,876	7	100,095	7	115,312	7	130,526	7	145,739
1/4	9,198	1/4	24,417	1/4	39,627	1/4	54,754	1/4	69,974	1/4	85,193	1/4	100,412	1/4	115,629	1/4	130,842	1/4	146,056
1/2	9,516	1/2	24,734	1/2	39,942	1/2	55,071	1/2	70,291	1/2	85,510	1/2	100,729	1/2	115,946	1/2	131,159	1/2	146,373
3/4	9,833	3/4	25,051	3/4	40,257	3/4	55,389	3/4	70,608	3/4	85,827	3/4	101,046	3/4	116,263	3/4	131,476	3/4	146,690
8	10,150	8	25,368	8	40,571	8	55,706	8	70,925	8	86,144	8	101,363	8	116,580	8	131,793	8	147,007
1/4	10,467	1/4	25,685	1/4	40,886	1/4	56,023	1/4	71,242	1/4	86,461	1/4	101,680	1/4	116,897	1/4	132,110	1/4	147,324
1/2	10,784	1/2	26,002	1/2	41,201	1/2	56,340	1/2	71,559	1/2	86,778	1/2	101,997	1/2	117,214	1/2	132,427	1/2	147,641
3/4	11,101	3/4	26,319	3/4	41,516	3/4	56,657	3/4	71,876	3/4	87,095	3/4	102,314	3/4	117,531	3/4	132,744	3/4	147,958
9	11,418	9	26,636	9	41,831	9	56,974	9	72,193	9	87,412	9	102,631	9	117,848	9	133,061	9	148,275
1/4	11,735	1/4	26,953	1/4	42,146	1/4	57,291	1/4	72,510	1/4	87,729	1/4	102,948	1/4	118,165	1/4	133,378	1/4	148,592
1/2	12,052	1/2	27,270	1/2	42,461	1/2	57,608	1/2	72,827	1/2	88,046	1/2	103,265	1/2	118,481	1/2	133,695	1/2	148,909
3/4	12,369	3/4	27,588	3/4	42,776	3/4	57,925	3/4	73,144	3/4	88,363	3/4	103,582	3/4	118,798	3/4	134,012	3/4	149,226
10	12,686	10	27,905	10	43,091	10	58,242	10	73,461	10	88,680	10	103,900	10	119,115	10	134,329	10	149,542
1/4	13,003	1/4	28,222	1/4	43,405	1/4	58,559	1/4	73,778	1/4	88,997	1/4	104,217	1/4	119,432	1/4	134,646	1/4	149,859
1/2	13,320	1/2	28,539	1/2	43,720	1/2	58,876	1/2	74,095	1/2	89,315	1/2	104,534	1/2	119,749	1/2	134,963	1/2	150,176
3/4	13,637	3/4	28,856	3/4	44,035	3/4	59,193	3/4	74,412	3/4	89,632	3/4	104,851	3/4	120,066	3/4	135,280	3/4	150,493
11	13,954	11	29,173	11	44,350	11	59,510	11	74,730	11	89,949	11	105,168	11	120,383	11	135,597	11	150,810
1/4	14,271	1/4	29,490	1/4	44,665	1/4	59,827	1/4	75,047	1/4	90,266	1/4	105,485	1/4	120,700	1/4	135,914	1/4	151,127
1/2	14,588	1/2	29,807	1/2	44,980	1/2	60,145	1/2	75,364	1/2	90,583	1/2	105,802	1/2	121,017	1/2	136,231	1/2	151,444
3/4	14,905	3/4	30,124	3/4	45,295	3/4	60,462	3/4	75,681	3/4	90,900	3/4	106,119	3/4	121,334	3/4	136,548	3/4	151,761

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 THE 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 373"

1 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	152,078	0	167,292	0	182,505	0	197,719	0	212,868	0		0		0		0		0	
1/4	152,395	1/4	167,609	1/4	182,822	1/4	198,036	1/4	213,180	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,712	1/2	167,925	1/2	183,139	1/2	198,353	1/2	213,493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,029	3/4	168,242	3/4	183,456	3/4	198,669	3/4	213,806	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,346	1	168,559	1	183,773	1	198,986	1	214,119	1	1	1	1	1	1	1	1	1	1
1/4	153,663	1/4	168,876	1/4	184,090	1/4	199,302	1/4	214,432	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,980	1/2	169,193	1/2	184,407	1/2	199,618	1/2	214,744	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,297	3/4	169,510	3/4	184,724	3/4	199,934	3/4	215,057	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,614	2	169,827	2	185,041	2	200,249	2	215,370	2	2	2	2	2	2	2	2	2	2
1/4	154,931	1/4	170,144	1/4	185,358	1/4	200,565	1/4	215,683	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,248	1/2	170,461	1/2	185,675	1/2	200,881	1/2	215,996	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,564	3/4	170,778	3/4	185,992	3/4	201,197	3/4	216,308	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,881	3	171,095	3	186,308	3	201,512	3	216,621	3	3	3	3	3	3	3	3	3	3
1/4	156,198	1/4	171,412	1/4	186,625	1/4	201,828	1/4	216,934	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,515	1/2	171,729	1/2	186,942	1/2	202,144	1/2	217,246	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,832	3/4	172,046	3/4	187,259	3/4	202,459	3/4	217,558	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,149	4	172,363	4	187,576	4	202,775	4	217,871	4	4	4	4	4	4	4	4	4	4
1/4	157,466	1/4	172,680	1/4	187,893	1/4	203,091	1/4	218,182	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,783	1/2	172,997	1/2	188,210	1/2	203,407	1/2	218,493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,100	3/4	173,314	3/4	188,527	3/4	203,722	3/4	218,805	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,417	5	173,631	5	188,844	5	204,038	5	219,116	5	5	5	5	5	5	5	5	5	5
1/4	158,734	1/4	173,947	1/4	189,161	1/4	204,354	1/4	219,402	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,051	1/2	174,264	1/2	189,478	1/2	204,669	1/2	219,689	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,368	3/4	174,581	3/4	189,795	3/4	204,985	3/4	219,975	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,685	6	174,898	6	190,112	6	205,301	6	220,261	6	6	6	6	6	6	6	6	6	6
1/4	160,002	1/4	175,215	1/4	190,429	1/4	205,617	1/4	220,495	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,319	1/2	175,532	1/2	190,746	1/2	205,932	1/2	220,728	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,636	3/4	175,849	3/4	191,063	3/4	206,248	3/4	220,962	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,953	7	176,166	7	191,380	7	206,564	7	221,195	7	7	7	7	7	7	7	7	7	7
1/4	161,270	1/4	176,483	1/4	191,697	1/4	206,880	1/4	221,377	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,586	1/2	176,800	1/2	192,014	1/2	207,195	1/2	221,559	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,903	3/4	177,117	3/4	192,331	3/4	207,511	3/4	221,741	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,220	8	177,434	8	192,647	8	207,827	8	221,923	8	8	8	8	8	8	8	8	8	8
1/4	162,537	1/4	177,751	1/4	192,964	1/4	208,142	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,854	1/2	178,068	1/2	193,281	1/2	208,458	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,171	3/4	178,385	3/4	193,598	3/4	208,774	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,488	9	178,702	9	193,915	9	209,090	9		9	9	9	9	9	9	9	9	9	9
1/4	163,805	1/4	179,019	1/4	194,232	1/4	209,405	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,122	1/2	179,336	1/2	194,549	1/2	209,721	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,439	3/4	179,653	3/4	194,866	3/4	210,037	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,756	10	179,970	10	195,183	10	210,353	10		10	10	10	10	10	10	10	10	10	10
1/4	165,073	1/4	180,286	1/4	195,500	1/4	210,669	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,390	1/2	180,603	1/2	195,817	1/2	210,985	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,707	3/4	180,920	3/4	196,134	3/4	211,300	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,024	11	181,237	11	196,451	11	211,616	11		11	11	11	11	11	11	11	11	11	11
1/4	166,341	1/4	181,554	1/4	196,768	1/4	211,929	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,658	1/2	181,871	1/2	197,085	1/2	212,242	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,975	3/4	182,188	3/4	197,402	3/4	212,555	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "CBC 373"

2 PORT 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	961	0	15,179	0	30,353	0	45,518	0	60,683	0	75,858	0	91,034	0	106,209	0	121,380	0	136,550
1/4	1,145	1/4	15,495	1/4	30,669	1/4	45,834	1/4	60,999	1/4	76,174	1/4	91,350	1/4	106,525	1/4	121,696	1/4	136,866
1/2	1,330	1/2	15,811	1/2	30,986	1/2	46,149	1/2	61,315	1/2	76,491	1/2	91,666	1/2	106,841	1/2	122,012	1/2	137,182
3/4	1,514	3/4	16,127	3/4	31,302	3/4	46,465	3/4	61,631	3/4	76,807	3/4	91,982	3/4	107,157	3/4	122,328	3/4	137,498
1	1,698	1	16,443	1	31,618	1	46,781	1	61,948	1	77,123	1	92,298	1	107,474	1	122,644	1	137,814
1/4	1,936	1/4	16,759	1/4	31,934	1/4	47,096	1/4	62,264	1/4	77,439	1/4	92,614	1/4	107,790	1/4	122,960	1/4	138,130
1/2	2,173	1/2	17,075	1/2	32,250	1/2	47,412	1/2	62,580	1/2	77,755	1/2	92,931	1/2	108,106	1/2	123,276	1/2	138,446
3/4	2,410	3/4	17,392	3/4	32,566	3/4	47,727	3/4	62,896	3/4	78,071	3/4	93,247	3/4	108,422	3/4	123,592	3/4	138,762
2	2,647	2	17,708	2	32,882	2	48,043	2	63,212	2	78,388	2	93,563	2	108,738	2	123,908	2	139,078
1/4	2,936	1/4	18,024	1/4	33,199	1/4	48,359	1/4	63,528	1/4	78,704	1/4	93,879	1/4	109,054	1/4	124,224	1/4	139,394
1/2	3,226	1/2	18,340	1/2	33,515	1/2	48,674	1/2	63,845	1/2	79,020	1/2	94,195	1/2	109,370	1/2	124,540	1/2	139,710
3/4	3,516	3/4	18,656	3/4	33,831	3/4	48,990	3/4	64,161	3/4	79,336	3/4	94,511	3/4	109,687	3/4	124,856	3/4	140,026
3	3,806	3	18,972	3	34,147	3	49,306	3	64,477	3	79,652	3	94,827	3	110,003	3	125,172	3	140,342
1/4	4,120	1/4	19,288	1/4	34,463	1/4	49,621	1/4	64,793	1/4	79,968	1/4	95,144	1/4	110,319	1/4	125,488	1/4	140,658
1/2	4,435	1/2	19,605	1/2	34,779	1/2	49,937	1/2	65,109	1/2	80,284	1/2	95,460	1/2	110,635	1/2	125,805	1/2	140,974
3/4	4,749	3/4	19,921	3/4	35,095	3/4	50,253	3/4	65,425	3/4	80,601	3/4	95,776	3/4	110,951	3/4	126,121	3/4	141,290
4	5,064	4	20,237	4	35,412	4	50,568	4	65,741	4	80,917	4	96,092	4	111,267	4	126,437	4	141,606
1/4	5,380	1/4	20,553	1/4	35,728	1/4	50,884	1/4	66,058	1/4	81,233	1/4	96,408	1/4	111,583	1/4	126,753	1/4	141,922
1/2	5,696	1/2	20,869	1/2	36,044	1/2	51,199	1/2	66,374	1/2	81,549	1/2	96,724	1/2	111,899	1/2	127,069	1/2	142,238
3/4	6,011	3/4	21,185	3/4	36,360	3/4	51,515	3/4	66,690	3/4	81,865	3/4	97,041	3/4	112,215	3/4	127,385	3/4	142,554
5	6,327	5	21,501	5	36,676	5	51,831	5	67,006	5	82,181	5	97,357	5	112,531	5	127,701	5	142,870
1/4	6,643	1/4	21,818	1/4	36,992	1/4	52,147	1/4	67,322	1/4	82,498	1/4	97,673	1/4	112,847	1/4	128,017	1/4	143,187
1/2	6,959	1/2	22,134	1/2	37,308	1/2	52,463	1/2	67,638	1/2	82,814	1/2	97,989	1/2	113,163	1/2	128,333	1/2	143,503
3/4	7,275	3/4	22,450	3/4	37,625	3/4	52,779	3/4	67,955	3/4	83,130	3/4	98,305	3/4	113,479	3/4	128,649	3/4	143,819
6	7,591	6	22,766	6	37,941	6	53,095	6	68,271	6	83,446	6	98,621	6	113,795	6	128,965	6	144,135
1/4	7,907	1/4	23,082	1/4	38,257	1/4	53,411	1/4	68,587	1/4	83,762	1/4	98,937	1/4	114,111	1/4	129,281	1/4	144,451
1/2	8,224	1/2	23,398	1/2	38,573	1/2	53,728	1/2	68,903	1/2	84,078	1/2	99,254	1/2	114,427	1/2	129,597	1/2	144,767
3/4	8,540	3/4	23,714	3/4	38,889	3/4	54,044	3/4	69,219	3/4	84,394	3/4	99,570	3/4	114,743	3/4	129,913	3/4	145,083
7	8,856	7	24,031	7	39,205	7	54,360	7	69,535	7	84,711	7	99,886	7	115,059	7	130,229	7	145,399
1/4	9,172	1/4	24,347	1/4	39,521	1/4	54,676	1/4	69,851	1/4	85,027	1/4	100,202	1/4	115,375	1/4	130,545	1/4	145,715
1/2	9,488	1/2	24,663	1/2	39,837	1/2	54,992	1/2	70,168	1/2	85,343	1/2	100,518	1/2	115,691	1/2	130,861	1/2	146,031
3/4	9,804	3/4	24,979	3/4	40,152	3/4	55,308	3/4	70,484	3/4	85,659	3/4	100,834	3/4	116,007	3/4	131,177	3/4	146,347
8	10,120	8	25,295	8	40,468	8	55,625	8	70,800	8	85,975	8	101,150	8	116,323	8	131,493	8	146,663
1/4	10,437	1/4	25,611	1/4	40,783	1/4	55,941	1/4	71,116	1/4	86,291	1/4	101,467	1/4	116,639	1/4	131,809	1/4	146,979
1/2	10,753	1/2	25,927	1/2	41,099	1/2	56,257	1/2	71,432	1/2	86,607	1/2	101,783	1/2	116,956	1/2	132,125	1/2	147,295
3/4	11,069	3/4	26,244	3/4	41,415	3/4	56,573	3/4	71,748	3/4	86,924	3/4	102,099	3/4	117,272	3/4	132,441	3/4	147,611
9	11,385	9	26,560	9	41,730	9	56,889	9	72,064	9	87,240	9	102,415	9	117,588	9	132,757	9	147,927
1/4	11,701	1/4	26,876	1/4	42,046	1/4	57,205	1/4	72,381	1/4	87,556	1/4	102,731	1/4	117,904	1/4	133,073	1/4	148,243
1/2	12,017	1/2	27,192	1/2	42,362	1/2	57,521	1/2	72,697	1/2	87,872	1/2	103,047	1/2	118,220	1/2	133,389	1/2	148,559
3/4	12,333	3/4	27,508	3/4	42,677	3/4	57,838	3/4	73,013	3/4	88,188	3/4	103,364	3/4	118,536	3/4	133,705	3/4	148,875
10	12,650	10	27,824	10	42,993	10	58,154	10	73,329	10	88,504	10	103,680	10	118,852	10	134,021	10	149,191
1/4	12,966	1/4	28,140	1/4	43,309	1/4	58,470	1/4	73,645	1/4	88,821	1/4	103,996	1/4	119,168	1/4	134,337	1/4	149,507
1/2	13,282	1/2	28,457	1/2	43,624	1/2	58,786	1/2	73,961	1/2	89,137	1/2	104,312	1/2	119,484	1/2	134,654	1/2	149,823
3/4	13,598	3/4	28,773	3/4	43,940	3/4	59,102	3/4	74,278	3/4	89,453	3/4	104,628	3/4	119,800	3/4	134,970	3/4	150,139
11	13,914	11	29,089	11	44,255	11	59,418	11	74,594	11	89,769	11	104,944	11	120,116	11	135,286	11	150,455
1/4	14,230	1/4	29,405	1/4	44,571	1/4	59,735	1/4	74,910	1/4	90,085	1/4	105,260	1/4	120,432	1/4	135,602	1/4	150,771
1/2	14,546	1/2	29,721	1/2	44,887	1/2	60,051	1/2	75,226	1/2	90,401	1/2	105,577	1/2	120,748	1/2	135,918	1/2	151,087
3/4	14,863	3/4	30,037	3/4	45,202	3/4	60,367	3/4	75,542	3/4	90,717	3/4	105,893	3/4	121,064	3/4	136,234	3/4	151,403

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 THE 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 373"

2 PORT 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	151,719	0	166,889	0	182,059	0	197,229	0	212,334	0		0		0		0		0	
1/4	152,036	1/4	167,205	1/4	182,375	1/4	197,545	1/4	212,646	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,352	1/2	167,521	1/2	182,691	1/2	197,861	1/2	212,958	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,668	3/4	167,837	3/4	183,007	3/4	198,177	3/4	213,269	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,984	1	168,153	1	183,323	1	198,493	1	213,581	1	1	1	1	1	1	1	1	1	1
1/4	153,300	1/4	168,469	1/4	183,639	1/4	198,808	1/4	213,893	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,616	1/2	168,785	1/2	183,955	1/2	199,122	1/2	214,205	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,932	3/4	169,101	3/4	184,271	3/4	199,437	3/4	214,517	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,248	2	169,417	2	184,587	2	199,752	2	214,829	2	2	2	2	2	2	2	2	2	2
1/4	154,564	1/4	169,734	1/4	184,903	1/4	200,067	1/4	215,141	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,880	1/2	170,050	1/2	185,219	1/2	200,382	1/2	215,453	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,196	3/4	170,366	3/4	185,535	3/4	200,696	3/4	215,765	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,512	3	170,682	3	185,851	3	201,011	3	216,076	3	3	3	3	3	3	3	3	3	3
1/4	155,828	1/4	170,998	1/4	186,167	1/4	201,326	1/4	216,388	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,144	1/2	171,314	1/2	186,483	1/2	201,641	1/2	216,699	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,460	3/4	171,630	3/4	186,799	3/4	201,956	3/4	217,011	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,776	4	171,946	4	187,115	4	202,271	4	217,322	4	4	4	4	4	4	4	4	4	4
1/4	157,092	1/4	172,262	1/4	187,432	1/4	202,585	1/4	217,633	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,408	1/2	172,578	1/2	187,748	1/2	202,900	1/2	217,943	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,724	3/4	172,894	3/4	188,064	3/4	203,215	3/4	218,254	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,040	5	173,210	5	188,380	5	203,530	5	218,564	5	5	5	5	5	5	5	5	5	5
1/4	158,356	1/4	173,526	1/4	188,696	1/4	203,845	1/4	218,849	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,672	1/2	173,842	1/2	189,012	1/2	204,159	1/2	219,135	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,988	3/4	174,158	3/4	189,328	3/4	204,474	3/4	219,420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,304	6	174,474	6	189,644	6	204,789	6	219,706	6	6	6	6	6	6	6	6	6	6
1/4	159,620	1/4	174,790	1/4	189,960	1/4	205,104	1/4	219,939	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,936	1/2	175,106	1/2	190,276	1/2	205,419	1/2	220,172	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,252	3/4	175,422	3/4	190,592	3/4	205,733	3/4	220,404	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,568	7	175,738	7	190,908	7	206,048	7	220,637	7	7	7	7	7	7	7	7	7	7
1/4	160,885	1/4	176,054	1/4	191,224	1/4	206,363	1/4	220,819	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,201	1/2	176,370	1/2	191,540	1/2	206,678	1/2	221,000	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,517	3/4	176,686	3/4	191,856	3/4	206,993	3/4	221,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,833	8	177,002	8	192,172	8	207,308	8	221,363	8	8	8	8	8	8	8	8	8	8
1/4	162,149	1/4	177,318	1/4	192,488	1/4	207,622	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,465	1/2	177,634	1/2	192,804	1/2	207,937	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,781	3/4	177,950	3/4	193,120	3/4	208,252	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,097	9	178,266	9	193,436	9	208,567	9		9	9	9	9	9	9	9	9	9	9
1/4	163,413	1/4	178,583	1/4	193,752	1/4	208,882	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,729	1/2	178,899	1/2	194,068	1/2	209,197	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,045	3/4	179,215	3/4	194,384	3/4	209,512	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,361	10	179,531	10	194,700	10	209,826	10		10	10	10	10	10	10	10	10	10	10
1/4	164,677	1/4	179,847	1/4	195,016	1/4	210,141	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,993	1/2	180,163	1/2	195,332	1/2	210,456	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,309	3/4	180,479	3/4	195,648	3/4	210,771	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,625	11	180,795	11	195,964	11	211,086	11		11	11	11	11	11	11	11	11	11	11
1/4	165,941	1/4	181,111	1/4	196,281	1/4	211,398	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,257	1/2	181,427	1/2	196,597	1/2	211,710	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,573	3/4	181,743	3/4	196,913	3/4	212,022	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013



BARGE "CBC 373"

2 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	961	0	15,186	0	30,368	0	45,206	0	60,045	0	75,227	0	90,410	0	105,593	0	120,771	0	135,948
1/4	1,146	1/4	15,502	1/4	30,684	1/4	45,508	1/4	60,361	1/4	75,544	1/4	90,726	1/4	105,909	1/4	121,087	1/4	136,264
1/2	1,330	1/2	15,819	1/2	31,001	1/2	45,810	1/2	60,677	1/2	75,860	1/2	91,043	1/2	106,225	1/2	121,403	1/2	136,580
3/4	1,515	3/4	16,135	3/4	31,317	3/4	46,112	3/4	60,994	3/4	76,176	3/4	91,359	3/4	106,542	3/4	121,720	3/4	136,897
1	1,699	1	16,451	1	31,633	1	46,414	1	61,310	1	76,493	1	91,675	1	106,858	1	122,036	1	137,213
1/4	1,936	1/4	16,767	1/4	31,949	1/4	46,716	1/4	61,626	1/4	76,809	1/4	91,992	1/4	107,174	1/4	122,352	1/4	137,529
1/2	2,174	1/2	17,084	1/2	32,266	1/2	47,018	1/2	61,943	1/2	77,125	1/2	92,308	1/2	107,491	1/2	122,668	1/2	137,845
3/4	2,411	3/4	17,400	3/4	32,582	3/4	47,319	3/4	62,259	3/4	77,442	3/4	92,624	3/4	107,807	3/4	122,984	3/4	138,161
2	2,648	2	17,716	2	32,898	2	47,621	2	62,575	2	77,758	2	92,941	2	108,123	2	123,301	2	138,478
1/4	2,938	1/4	18,033	1/4	33,215	1/4	47,923	1/4	62,892	1/4	78,074	1/4	93,257	1/4	108,439	1/4	123,617	1/4	138,794
1/2	3,228	1/2	18,349	1/2	33,531	1/2	48,225	1/2	63,208	1/2	78,391	1/2	93,573	1/2	108,756	1/2	123,933	1/2	139,110
3/4	3,518	3/4	18,665	3/4	33,847	3/4	48,527	3/4	63,524	3/4	78,707	3/4	93,889	3/4	109,072	3/4	124,249	3/4	139,426
3	3,807	3	18,981	3	34,163	3	48,829	3	63,841	3	79,023	3	94,206	3	109,388	3	124,565	3	139,742
1/4	4,122	1/4	19,298	1/4	34,480	1/4	49,131	1/4	64,157	1/4	79,339	1/4	94,522	1/4	109,705	1/4	124,882	1/4	140,059
1/2	4,437	1/2	19,614	1/2	34,796	1/2	49,433	1/2	64,473	1/2	79,656	1/2	94,838	1/2	110,021	1/2	125,198	1/2	140,375
3/4	4,752	3/4	19,930	3/4	35,112	3/4	49,735	3/4	64,789	3/4	79,972	3/4	95,155	3/4	110,337	3/4	125,514	3/4	140,691
4	5,067	4	20,247	4	35,429	4	50,036	4	65,106	4	80,288	4	95,471	4	110,653	4	125,830	4	141,007
1/4	5,382	1/4	20,563	1/4	35,745	1/4	50,338	1/4	65,422	1/4	80,605	1/4	95,787	1/4	110,969	1/4	126,146	1/4	141,323
1/2	5,698	1/2	20,879	1/2	36,061	1/2	50,640	1/2	65,738	1/2	80,921	1/2	96,104	1/2	111,285	1/2	126,462	1/2	141,640
3/4	6,014	3/4	21,196	3/4	36,378	3/4	50,942	3/4	66,055	3/4	81,237	3/4	96,420	3/4	111,602	3/4	126,779	3/4	141,956
5	6,330	5	21,512	5	36,694	5	51,244	5	66,371	5	81,554	5	96,736	5	111,918	5	127,095	5	142,272
1/4	6,646	1/4	21,828	1/4	37,010	1/4	51,546	1/4	66,687	1/4	81,870	1/4	97,052	1/4	112,234	1/4	127,411	1/4	142,588
1/2	6,962	1/2	22,144	1/2	37,326	1/2	51,849	1/2	67,004	1/2	82,186	1/2	97,369	1/2	112,550	1/2	127,727	1/2	142,904
3/4	7,279	3/4	22,461	3/4	37,643	3/4	52,151	3/4	67,320	3/4	82,502	3/4	97,685	3/4	112,866	3/4	128,043	3/4	143,220
6	7,595	6	22,777	6	37,959	6	52,454	6	67,636	6	82,819	6	98,001	6	113,183	6	128,360	6	143,537
1/4	7,911	1/4	23,093	1/4	38,261	1/4	52,770	1/4	67,952	1/4	83,135	1/4	98,318	1/4	113,499	1/4	128,676	1/4	143,853
1/2	8,228	1/2	23,410	1/2	38,564	1/2	53,086	1/2	68,269	1/2	83,451	1/2	98,634	1/2	113,815	1/2	128,992	1/2	144,169
3/4	8,544	3/4	23,726	3/4	38,866	3/4	53,402	3/4	68,585	3/4	83,768	3/4	98,950	3/4	114,131	3/4	129,308	3/4	144,485
7	8,860	7	24,042	7	39,169	7	53,719	7	68,901	7	84,084	7	99,267	7	114,447	7	129,624	7	144,801
1/4	9,176	1/4	24,358	1/4	39,470	1/4	54,035	1/4	69,218	1/4	84,400	1/4	99,583	1/4	114,764	1/4	129,941	1/4	145,118
1/2	9,493	1/2	24,675	1/2	39,772	1/2	54,351	1/2	69,534	1/2	84,717	1/2	99,899	1/2	115,080	1/2	130,257	1/2	145,434
3/4	9,809	3/4	24,991	3/4	40,074	3/4	54,668	3/4	69,850	3/4	85,033	3/4	100,216	3/4	115,396	3/4	130,573	3/4	145,750
8	10,125	8	25,307	8	40,376	8	54,984	8	70,167	8	85,349	8	100,532	8	115,712	8	130,889	8	146,066
1/4	10,442	1/4	25,624	1/4	40,678	1/4	55,300	1/4	70,483	1/4	85,666	1/4	100,848	1/4	116,028	1/4	131,205	1/4	146,382
1/2	10,758	1/2	25,940	1/2	40,980	1/2	55,617	1/2	70,799	1/2	85,982	1/2	101,164	1/2	116,344	1/2	131,521	1/2	146,699
3/4	11,074	3/4	26,256	3/4	41,282	3/4	55,933	3/4	71,116	3/4	86,298	3/4	101,481	3/4	116,661	3/4	131,838	3/4	147,015
9	11,390	9	26,572	9	41,584	9	56,249	9	71,432	9	86,614	9	101,797	9	116,977	9	132,154	9	147,331
1/4	11,707	1/4	26,889	1/4	41,885	1/4	56,566	1/4	71,748	1/4	86,931	1/4	102,113	1/4	117,293	1/4	132,470	1/4	147,647
1/2	12,023	1/2	27,205	1/2	42,187	1/2	56,882	1/2	72,064	1/2	87,247	1/2	102,430	1/2	117,609	1/2	132,786	1/2	147,963
3/4	12,339	3/4	27,521	3/4	42,489	3/4	57,198	3/4	72,381	3/4	87,563	3/4	102,746	3/4	117,925	3/4	133,102	3/4	148,279
10	12,656	10	27,838	10	42,791	10	57,514	10	72,697	10	87,880	10	103,062	10	118,242	10	133,419	10	148,596
1/4	12,972	1/4	28,154	1/4	43,093	1/4	57,831	1/4	73,013	1/4	88,196	1/4	103,379	1/4	118,558	1/4	133,735	1/4	148,912
1/2	13,288	1/2	28,470	1/2	43,395	1/2	58,147	1/2	73,330	1/2	88,512	1/2	103,695	1/2	118,874	1/2	134,051	1/2	149,228
3/4	13,604	3/4	28,787	3/4	43,697	3/4	58,463	3/4	73,646	3/4	88,829	3/4	104,011	3/4	119,190	3/4	134,367	3/4	149,544
11	13,921	11	29,103	11	43,999	11	58,780	11	73,962	11	89,145	11	104,327	11	119,506	11	134,683	11	149,860
1/4	14,237	1/4	29,419	1/4	44,301	1/4	59,096	1/4	74,279	1/4	89,461	1/4	104,644	1/4	119,823	1/4	135,000	1/4	150,177
1/2	14,553	1/2	29,735	1/2	44,602	1/2	59,412	1/2	74,595	1/2	89,777	1/2	104,960	1/2	120,139	1/2	135,316	1/2	150,493
3/4	14,870	3/4	30,052	3/4	44,904	3/4	59,729	3/4	74,911	3/4	90,094	3/4	105,276	3/4	120,455	3/4	135,632	3/4	150,809

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 THE 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 373"

**2 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	151,125	0	166,302	0	181,479	0	196,656	0	211,769	0		0		0		0		0	
1/4	151,441	1/4	166,618	1/4	181,795	1/4	196,972	1/4	212,081	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,758	1/2	166,935	1/2	182,112	1/2	197,289	1/2	212,393	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,074	3/4	167,251	3/4	182,428	3/4	197,605	3/4	212,705	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,390	1	167,567	1	182,744	1	197,921	1	213,017	1	1	1	1	1	1	1	1	1	1
1/4	152,706	1/4	167,883	1/4	183,060	1/4	198,236	1/4	213,329	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,022	1/2	168,199	1/2	183,376	1/2	198,551	1/2	213,641	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,338	3/4	168,515	3/4	183,692	3/4	198,866	3/4	213,953	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,655	2	168,832	2	184,009	2	199,181	2	214,265	2	2	2	2	2	2	2	2	2	2
1/4	153,971	1/4	169,148	1/4	184,325	1/4	199,496	1/4	214,577	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,287	1/2	169,464	1/2	184,641	1/2	199,811	1/2	214,889	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,603	3/4	169,780	3/4	184,957	3/4	200,126	3/4	215,201	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,919	3	170,096	3	185,273	3	200,441	3	215,513	3	3	3	3	3	3	3	3	3	3
1/4	155,236	1/4	170,413	1/4	185,590	1/4	200,756	1/4	215,825	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,552	1/2	170,729	1/2	185,906	1/2	201,071	1/2	216,136	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,868	3/4	171,045	3/4	186,222	3/4	201,386	3/4	216,448	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,184	4	171,361	4	186,538	4	201,701	4	216,760	4	4	4	4	4	4	4	4	4	4
1/4	156,500	1/4	171,677	1/4	186,854	1/4	202,016	1/4	217,070	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,817	1/2	171,994	1/2	187,171	1/2	202,330	1/2	217,381	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,133	3/4	172,310	3/4	187,487	3/4	202,645	3/4	217,691	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,449	5	172,626	5	187,803	5	202,960	5	218,002	5	5	5	5	5	5	5	5	5	5
1/4	157,765	1/4	172,942	1/4	188,119	1/4	203,275	1/4	218,288	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,081	1/2	173,258	1/2	188,435	1/2	203,590	1/2	218,573	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,397	3/4	173,574	3/4	188,751	3/4	203,905	3/4	218,859	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,714	6	173,891	6	189,068	6	204,220	6	219,144	6	6	6	6	6	6	6	6	6	6
1/4	159,030	1/4	174,207	1/4	189,384	1/4	204,535	1/4	219,377	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,346	1/2	174,523	1/2	189,700	1/2	204,850	1/2	219,610	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,662	3/4	174,839	3/4	190,016	3/4	205,165	3/4	219,843	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,978	7	175,155	7	190,332	7	205,480	7	220,076	7	7	7	7	7	7	7	7	7	7
1/4	160,295	1/4	175,472	1/4	190,649	1/4	205,795	1/4	220,258	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,611	1/2	175,788	1/2	190,965	1/2	206,110	1/2	220,439	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,927	3/4	176,104	3/4	191,281	3/4	206,425	3/4	220,621	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,243	8	176,420	8	191,597	8	206,740	8	220,802	8	8	8	8	8	8	8	8	8	8
1/4	161,559	1/4	176,736	1/4	191,913	1/4	207,055	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,876	1/2	177,053	1/2	192,230	1/2	207,370	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,192	3/4	177,369	3/4	192,546	3/4	207,685	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,508	9	177,685	9	192,862	9	208,000	9		9	9	9	9	9	9	9	9	9	9
1/4	162,824	1/4	178,001	1/4	193,178	1/4	208,315	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,140	1/2	178,317	1/2	193,494	1/2	208,630	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,456	3/4	178,633	3/4	193,811	3/4	208,945	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,773	10	178,950	10	194,127	10	209,260	10		10	10	10	10	10	10	10	10	10	10
1/4	164,089	1/4	179,266	1/4	194,443	1/4	209,575	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,405	1/2	179,582	1/2	194,759	1/2	209,890	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,721	3/4	179,898	3/4	195,075	3/4	210,205	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,037	11	180,214	11	195,391	11	210,520	11		11	11	11	11	11	11	11	11	11	11
1/4	165,354	1/4	180,531	1/4	195,708	1/4	210,832	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,670	1/2	180,847	1/2	196,024	1/2	211,145	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,986	3/4	181,163	3/4	196,340	3/4	211,457	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

PRECISION MEASUREMENT
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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013



BARGE "CBC 373"

3 PORT 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	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 THE TOP LIP OF 2" "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 373"

3 PORT 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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	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	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	1/4	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	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	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013



BARGE "CBC 373"

3 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	957	0	15,097	0	30,188	0	44,787	0	59,608	0	74,674	0	89,760	0	104,844	0	119,919	0	134,949
1/4	1,141	1/4	15,411	1/4	30,503	1/4	45,087	1/4	59,919	1/4	74,988	1/4	90,074	1/4	105,158	1/4	120,233	1/4	135,261
1/2	1,325	1/2	15,726	1/2	30,817	1/2	45,388	1/2	60,231	1/2	75,303	1/2	90,389	1/2	105,472	1/2	120,546	1/2	135,574
3/4	1,508	3/4	16,040	3/4	31,131	3/4	45,688	3/4	60,543	3/4	75,617	3/4	90,703	3/4	105,786	3/4	120,860	3/4	135,886
1	1,692	1	16,354	1	31,446	1	45,988	1	60,855	1	75,931	1	91,017	1	106,101	1	121,174	1	136,198
1/4	1,928	1/4	16,669	1/4	31,760	1/4	46,288	1/4	61,166	1/4	76,246	1/4	91,331	1/4	106,415	1/4	121,487	1/4	136,510
1/2	2,163	1/2	16,983	1/2	32,075	1/2	46,589	1/2	61,478	1/2	76,560	1/2	91,646	1/2	106,729	1/2	121,800	1/2	136,822
3/4	2,399	3/4	17,298	3/4	32,389	3/4	46,889	3/4	61,790	3/4	76,874	3/4	91,960	3/4	107,043	3/4	122,114	3/4	137,135
2	2,635	2	17,612	2	32,703	2	47,189	2	62,101	2	77,189	2	92,274	2	107,358	2	122,427	2	137,447
1/4	2,922	1/4	17,927	1/4	33,018	1/4	47,489	1/4	62,416	1/4	77,503	1/4	92,588	1/4	107,672	1/4	122,740	1/4	137,759
1/2	3,210	1/2	18,241	1/2	33,332	1/2	47,790	1/2	62,730	1/2	77,817	1/2	92,903	1/2	107,986	1/2	123,054	1/2	138,071
3/4	3,498	3/4	18,555	3/4	33,647	3/4	48,090	3/4	63,044	3/4	78,132	3/4	93,217	3/4	108,300	3/4	123,367	3/4	138,384
3	3,785	3	18,870	3	33,961	3	48,390	3	63,359	3	78,446	3	93,531	3	108,615	3	123,680	3	138,696
1/4	4,098	1/4	19,184	1/4	34,264	1/4	48,702	1/4	63,673	1/4	78,760	1/4	93,845	1/4	108,929	1/4	123,994	1/4	139,009
1/2	4,411	1/2	19,499	1/2	34,566	1/2	49,014	1/2	63,987	1/2	79,075	1/2	94,159	1/2	109,243	1/2	124,307	1/2	139,321
3/4	4,724	3/4	19,813	3/4	34,868	3/4	49,326	3/4	64,302	3/4	79,389	3/4	94,474	3/4	109,557	3/4	124,620	3/4	139,634
4	5,037	4	20,127	4	35,171	4	49,639	4	64,616	4	79,703	4	94,788	4	109,871	4	124,934	4	139,947
1/4	5,351	1/4	20,442	1/4	35,472	1/4	49,949	1/4	64,930	1/4	80,017	1/4	95,102	1/4	110,185	1/4	125,247	1/4	140,260
1/2	5,665	1/2	20,756	1/2	35,774	1/2	50,260	1/2	65,245	1/2	80,332	1/2	95,416	1/2	110,500	1/2	125,560	1/2	140,573
3/4	5,980	3/4	21,071	3/4	36,075	3/4	50,571	3/4	65,559	3/4	80,646	3/4	95,731	3/4	110,814	3/4	125,874	3/4	140,886
5	6,294	5	21,385	5	36,376	5	50,882	5	65,873	5	80,960	5	96,045	5	111,128	5	126,187	5	141,199
1/4	6,608	1/4	21,699	1/4	36,677	1/4	51,193	1/4	66,188	1/4	81,275	1/4	96,359	1/4	111,442	1/4	126,500	1/4	141,511
1/2	6,923	1/2	22,014	1/2	36,979	1/2	51,504	1/2	66,502	1/2	81,589	1/2	96,673	1/2	111,756	1/2	126,814	1/2	141,824
3/4	7,237	3/4	22,328	3/4	37,280	3/4	51,815	3/4	66,816	3/4	81,903	3/4	96,988	3/4	112,071	3/4	127,127	3/4	142,137
6	7,551	6	22,643	6	37,581	6	52,126	6	67,131	6	82,218	6	97,302	6	112,385	6	127,440	6	142,450
1/4	7,866	1/4	22,957	1/4	37,882	1/4	52,438	1/4	67,445	1/4	82,532	1/4	97,616	1/4	112,699	1/4	127,754	1/4	142,763
1/2	8,180	1/2	23,271	1/2	38,182	1/2	52,750	1/2	67,759	1/2	82,846	1/2	97,930	1/2	113,013	1/2	128,067	1/2	143,076
3/4	8,494	3/4	23,586	3/4	38,482	3/4	53,061	3/4	68,073	3/4	83,161	3/4	98,245	3/4	113,327	3/4	128,380	3/4	143,389
7	8,809	7	23,900	7	38,783	7	53,373	7	68,388	7	83,475	7	98,559	7	113,641	7	128,694	7	143,702
1/4	9,123	1/4	24,215	1/4	39,083	1/4	53,685	1/4	68,702	1/4	83,789	1/4	98,873	1/4	113,956	1/4	129,007	1/4	144,014
1/2	9,438	1/2	24,529	1/2	39,383	1/2	53,997	1/2	69,016	1/2	84,104	1/2	99,187	1/2	114,270	1/2	129,321	1/2	144,327
3/4	9,752	3/4	24,843	3/4	39,683	3/4	54,308	3/4	69,331	3/4	84,418	3/4	99,502	3/4	114,584	3/4	129,634	3/4	144,640
8	10,066	8	25,158	8	39,984	8	54,620	8	69,645	8	84,732	8	99,816	8	114,898	8	129,948	8	144,953
1/4	10,381	1/4	25,472	1/4	40,284	1/4	54,932	1/4	69,959	1/4	85,046	1/4	100,130	1/4	115,212	1/4	130,262	1/4	145,266
1/2	10,695	1/2	25,787	1/2	40,584	1/2	55,244	1/2	70,274	1/2	85,361	1/2	100,444	1/2	115,527	1/2	130,575	1/2	145,579
3/4	11,010	3/4	26,101	3/4	40,884	3/4	55,555	3/4	70,588	3/4	85,675	3/4	100,759	3/4	115,841	3/4	130,889	3/4	145,892
9	11,324	9	26,415	9	41,185	9	55,867	9	70,902	9	85,989	9	101,073	9	116,155	9	131,203	9	146,204
1/4	11,638	1/4	26,730	1/4	41,485	1/4	56,179	1/4	71,217	1/4	86,303	1/4	101,387	1/4	116,469	1/4	131,515	1/4	146,373
1/2	11,953	1/2	27,044	1/2	41,785	1/2	56,490	1/2	71,531	1/2	86,618	1/2	101,701	1/2	116,783	1/2	131,827	1/2	146,542
3/4	12,267	3/4	27,359	3/4	42,085	3/4	56,802	3/4	71,845	3/4	86,932	3/4	102,016	3/4	117,096	3/4	132,139	3/4	146,711
10	12,582	10	27,673	10	42,385	10	57,114	10	72,160	10	87,246	10	102,330	10	117,410	10	132,452	10	146,879
1/4	12,896	1/4	27,987	1/4	42,686	1/4	57,426	1/4	72,474	1/4	87,560	1/4	102,644	1/4	117,723	1/4	132,764	1/4	147,048
1/2	13,210	1/2	28,302	1/2	42,986	1/2	57,737	1/2	72,788	1/2	87,875	1/2	102,958	1/2	118,037	1/2	133,076	1/2	147,217
3/4	13,525	3/4	28,616	3/4	43,286	3/4	58,049	3/4	73,103	3/4	88,189	3/4	103,272	3/4	118,351	3/4	133,388	3/4	147,386
11	13,839	11	28,931	11	43,586	11	58,361	11	73,417	11	88,503	11	103,587	11	118,664	11	133,700	11	147,554
1/4	14,154	1/4	29,245	1/4	43,887	1/4	58,672	1/4	73,731	1/4	88,817	1/4	103,901	1/4	118,978	1/4	134,013	1/4	147,723
1/2	14,468	1/2	29,559	1/2	44,187	1/2	58,984	1/2	74,045	1/2	89,132	1/2	104,215	1/2	119,292	1/2	134,325	1/2	147,892
3/4	14,782	3/4	29,874	3/4	44,487	3/4	59,296	3/4	74,360	3/4	89,446	3/4	104,529	3/4	119,605	3/4	134,637	3/4	148,061

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 THE TOP LIP OF 2" "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 373"

3 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	148,229	0	156,330	0	164,430	0	172,530	0	180,596	0		0		0		0		0	
1/4	148,398	1/4	156,498	1/4	164,598	1/4	172,698	1/4	180,763	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,567	1/2	156,667	1/2	164,767	1/2	172,867	1/2	180,930	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,736	3/4	156,836	3/4	164,936	3/4	173,036	3/4	181,096	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,904	1	157,005	1	165,105	1	173,205	1	181,263	1	1	1	1	1	1	1	1	1	1
1/4	149,073	1/4	157,173	1/4	165,273	1/4	173,373	1/4	181,429	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,242	1/2	157,342	1/2	165,442	1/2	173,541	1/2	181,596	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,411	3/4	157,511	3/4	165,611	3/4	173,709	3/4	181,762	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	149,579	2	157,680	2	165,780	2	173,877	2	181,929	2	2	2	2	2	2	2	2	2	2
1/4	149,748	1/4	157,848	1/4	165,948	1/4	174,045	1/4	182,095	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,917	1/2	158,017	1/2	166,117	1/2	174,214	1/2	182,262	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,086	3/4	158,186	3/4	166,286	3/4	174,382	3/4	182,428	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	150,254	3	158,355	3	166,455	3	174,550	3	182,595	3	3	3	3	3	3	3	3	3	3
1/4	150,423	1/4	158,523	1/4	166,623	1/4	174,718	1/4	182,761	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,592	1/2	158,692	1/2	166,792	1/2	174,886	1/2	182,927	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,761	3/4	158,861	3/4	166,961	3/4	175,054	3/4	183,093	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	150,929	4	159,030	4	167,130	4	175,222	4	183,259	4	4	4	4	4	4	4	4	4	4
1/4	151,098	1/4	159,198	1/4	167,298	1/4	175,391	1/4	183,424	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,267	1/2	159,367	1/2	167,467	1/2	175,559	1/2	183,589	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,436	3/4	159,536	3/4	167,636	3/4	175,727	3/4	183,754	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,605	5	159,705	5	167,805	5	175,895	5	183,919	5	5	5	5	5	5	5	5	5	5
1/4	151,773	1/4	159,873	1/4	167,973	1/4	176,063	1/4	184,059	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,942	1/2	160,042	1/2	168,142	1/2	176,231	1/2	184,200	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,111	3/4	160,211	3/4	168,311	3/4	176,399	3/4	184,340	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,280	6	160,380	6	168,480	6	176,568	6	184,480	6	6	6	6	6	6	6	6	6	6
1/4	152,448	1/4	160,548	1/4	168,648	1/4	176,736	1/4	184,568	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,617	1/2	160,717	1/2	168,817	1/2	176,904	1/2	184,656	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,786	3/4	160,886	3/4	168,986	3/4	177,072	3/4	184,744	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	152,955	7	161,055	7	169,155	7	177,240	7	184,831	7	7	7	7	7	7	7	7	7	7
1/4	153,123	1/4	161,223	1/4	169,323	1/4	177,408	1/4	184,867	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,292	1/2	161,392	1/2	169,492	1/2	177,576	1/2	184,903	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,461	3/4	161,561	3/4	169,661	3/4	177,745	3/4	184,939	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	153,630	8	161,730	8	169,830	8	177,913	8	184,975	8	8	8	8	8	8	8	8	8	8
1/4	153,798	1/4	161,898	1/4	169,998	1/4	178,081	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,967	1/2	162,067	1/2	170,167	1/2	178,249	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,136	3/4	162,236	3/4	170,336	3/4	178,417	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	154,305	9	162,405	9	170,505	9	178,585	9		9	9	9	9	9	9	9	9	9	9
1/4	154,473	1/4	162,573	1/4	170,673	1/4	178,753	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,642	1/2	162,742	1/2	170,842	1/2	178,922	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,811	3/4	162,911	3/4	171,011	3/4	179,090	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	154,980	10	163,080	10	171,180	10	179,258	10		10	10	10	10	10	10	10	10	10	10
1/4	155,148	1/4	163,248	1/4	171,348	1/4	179,426	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,317	1/2	163,417	1/2	171,517	1/2	179,594	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,486	3/4	163,586	3/4	171,686	3/4	179,762	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	155,655	11	163,755	11	171,855	11	179,930	11		11	11	11	11	11	11	11	11	11	11
1/4	155,823	1/4	163,923	1/4	172,023	1/4	180,097	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,992	1/2	164,092	1/2	172,192	1/2	180,263	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,161	3/4	164,261	3/4	172,361	3/4	180,430	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013



BARGE "CBC 373"

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	- 00-3/8	00-3/8
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	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 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
2 STBD	- 00-0/8	00-0/8	- 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
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	03-3/8	- 03-3/8
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	03-3/8	- 03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-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 INNAE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

January 3, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 373"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	207,331	0	192,218	0	177,070	0	161,921	0	146,773	0	131,624	0	116,476	0	101,324		
1/4	1/4	221,053	207,017	1/4	191,903	1/4	176,754	1/4	161,606	1/4	146,457	1/4	131,309	1/4	116,160	1/4	101,009		
1/2	1/2	220,872	206,703	1/2	191,587	1/2	176,439	1/2	161,290	1/2	146,142	1/2	130,993	1/2	115,845	1/2	100,693		
3/4	3/4	220,691	206,388	3/4	191,272	3/4	176,123	3/4	160,975	3/4	145,826	3/4	130,678	3/4	115,529	3/4	100,377		
1	1	220,510	206,074	1	190,956	1	175,807	1	160,659	1	145,511	1	130,362	1	115,214	1	100,061		
1/4	1/4	220,329	205,760	1/4	190,640	1/4	175,492	1/4	160,343	1/4	145,195	1/4	130,046	1/4	114,898	1/4	99,746		
1/2	1/2	220,096	205,445	1/2	190,325	1/2	175,176	1/2	160,028	1/2	144,879	1/2	129,731	1/2	114,582	1/2	99,430		
3/4	3/4	219,863	205,131	3/4	190,009	3/4	174,861	3/4	159,712	3/4	144,564	3/4	129,415	3/4	114,267	3/4	99,114		
2	2	219,631	204,816	2	189,694	2	174,545	2	159,397	2	144,248	2	129,100	2	113,951	2	98,799		
1/4	1/4	219,398	204,502	1/4	189,378	1/4	174,229	1/4	159,081	1/4	143,933	1/4	128,784	1/4	113,636	1/4	98,483		
1/2	1/2	219,113	204,188	1/2	189,062	1/2	173,914	1/2	158,765	1/2	143,617	1/2	128,468	1/2	113,320	1/2	98,167		
3/4	3/4	218,828	203,873	3/4	188,747	3/4	173,598	3/4	158,450	3/4	143,301	3/4	128,153	3/4	113,004	3/4	97,852		
3	3	218,543	203,559	3	188,431	3	173,283	3	158,134	3	142,986	3	127,837	3	112,689	3	97,536		
1/4	1/4	218,258	203,245	1/4	188,116	1/4	172,967	1/4	157,819	1/4	142,670	1/4	127,522	1/4	112,373	1/4	97,220		
1/2	1/2	217,948	202,930	1/2	187,800	1/2	172,652	1/2	157,503	1/2	142,355	1/2	127,206	1/2	112,058	1/2	96,904		
3/4	3/4	217,638	202,616	3/4	187,484	3/4	172,336	3/4	157,187	3/4	142,039	3/4	126,891	3/4	111,742	3/4	96,589		
4	4	217,328	202,301	4	187,169	4	172,020	4	156,872	4	141,723	4	126,575	4	111,426	4	96,273		
1/4	1/4	217,018	201,987	1/4	186,853	1/4	171,705	1/4	156,556	1/4	141,408	1/4	126,259	1/4	111,111	1/4	95,957		
1/2	1/2	216,707	201,673	1/2	186,538	1/2	171,389	1/2	156,241	1/2	141,092	1/2	125,944	1/2	110,795	1/2	95,642		
3/4	3/4	216,396	201,358	3/4	186,222	3/4	171,074	3/4	155,925	3/4	140,777	3/4	125,628	3/4	110,480	3/4	95,326		
5	5	216,085	201,044	5	185,906	5	170,758	5	155,609	5	140,461	5	125,313	5	110,164	5	95,010		
1/4	1/4	215,774	200,730	1/4	185,591	1/4	170,442	1/4	155,294	1/4	140,145	1/4	124,997	1/4	109,848	1/4	94,694		
1/2	1/2	215,463	200,415	1/2	185,275	1/2	170,127	1/2	154,978	1/2	139,830	1/2	124,681	1/2	109,533	1/2	94,379		
3/4	3/4	215,151	200,101	3/4	184,960	3/4	169,811	3/4	154,663	3/4	139,514	3/4	124,366	3/4	109,217	3/4	94,063		
6	6	214,840	199,786	6	184,644	6	169,496	6	154,347	6	139,199	6	124,050	6	108,901	6	93,747		
1/4	1/4	214,528	199,472	1/4	184,328	1/4	169,180	1/4	154,032	1/4	138,883	1/4	123,735	1/4	108,586	1/4	93,432		
1/2	1/2	214,217	199,158	1/2	184,013	1/2	168,864	1/2	153,716	1/2	138,567	1/2	123,419	1/2	108,270	1/2	93,116		
3/4	3/4	213,905	198,843	3/4	183,697	3/4	168,549	3/4	153,400	3/4	138,252	3/4	123,103	3/4	107,954	3/4	92,800		
7	7	213,594	198,529	7	183,382	7	168,233	7	153,085	7	137,936	7	122,788	7	107,638	7	92,484		
1/4	1/4	213,282	198,215	1/4	183,066	1/4	167,918	1/4	152,769	1/4	137,621	1/4	122,472	1/4	107,323	1/4	92,169		
1/2	1/2	212,971	197,899	1/2	182,751	1/2	167,602	1/2	152,454	1/2	137,305	1/2	122,157	1/2	107,007	1/2	91,853		
3/4	3/4	212,659	197,583	3/4	182,435	3/4	167,286	3/4	152,138	3/4	136,989	3/4	121,841	3/4	106,691	3/4	91,537		
8	8	212,348	197,268	8	182,119	8	166,971	8	151,822	8	136,674	8	121,525	8	106,376	8	91,222		
1/4	1/4	212,036	196,952	1/4	181,804	1/4	166,655	1/4	151,507	1/4	136,358	1/4	121,210	1/4	106,060	1/4	90,906		
1/2	1/2	211,725	196,637	1/2	181,488	1/2	166,340	1/2	151,191	1/2	136,043	1/2	120,894	1/2	105,744	1/2	90,590		
3/4	3/4	211,413	196,321	3/4	181,173	3/4	166,024	3/4	150,876	3/4	135,727	3/4	120,579	3/4	105,429	3/4	90,274		
9	9	211,102	196,005	9	180,857	9	165,708	9	150,560	9	135,412	9	120,263	9	105,113	9	89,959		
1/4	1/4	210,790	195,690	1/4	180,541	1/4	165,393	1/4	150,244	1/4	135,096	1/4	119,947	1/4	104,797	1/4	89,643		
1/2	1/2	210,476	195,374	1/2	180,226	1/2	165,077	1/2	149,929	1/2	134,780	1/2	119,632	1/2	104,481	1/2	89,327		
3/4	3/4	210,161	195,059	3/4	179,910	3/4	164,762	3/4	149,613	3/4	134,465	3/4	119,316	3/4	104,166	3/4	89,012		
10	10	209,847	194,743	10	179,595	10	164,446	10	149,298	10	134,149	10	119,001	10	103,850	10	88,696		
1/4	1/4	209,533	194,427	1/4	179,279	1/4	164,131	1/4	148,982	1/4	133,834	1/4	118,685	1/4	103,534	1/4	88,380		
1/2	1/2	209,218	194,112	1/2	178,963	1/2	163,815	1/2	148,666	1/2	133,518	1/2	118,369	1/2	103,219	1/2	88,065		
3/4	3/4	208,904	193,796	3/4	178,648	3/4	163,499	3/4	148,351	3/4	133,202	3/4	118,054	3/4	102,903	3/4	87,749		
11	11	208,589	193,481	11	178,332	11	163,184	11	148,035	11	132,887	11	117,738	11	102,587	11	87,433		
1/4	1/4	208,275	193,165	1/4	178,017	1/4	162,868	1/4	147,720	1/4	132,571	1/4	117,423	1/4	102,271	1/4	87,117		
1/2	1/2	207,960	192,850	1/2	177,701	1/2	162,553	1/2	147,404	1/2	132,256	1/2	117,107	1/2	101,956	1/2	86,802		
3/4	3/4	207,646	192,534	3/4	177,385	3/4	162,237	3/4	147,088	3/4	131,940	3/4	116,792	3/4	101,640	3/4	86,486		

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 373"

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	86,170	0	71,016	0	55,862	0	40,726	0	25,575	0	10,422	0		0		0		0	
1/4	85,855	1/4	70,701	1/4	55,546	1/4	40,411	1/4	25,259	1/4	10,106	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,539	1/2	70,385	1/2	55,231	1/2	40,096	1/2	24,944	1/2	9,790	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,223	3/4	70,069	3/4	54,915	3/4	39,781	3/4	24,628	3/4	9,475	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,907	1	69,753	1	54,599	1	39,465	1	24,312	1	9,159	1	1	1	1	1	1	1	1
1/4	84,592	1/4	69,438	1/4	54,284	1/4	39,150	1/4	23,997	1/4	8,843	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,276	1/2	69,122	1/2	53,968	1/2	38,834	1/2	23,681	1/2	8,528	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,960	3/4	68,806	3/4	53,652	3/4	38,519	3/4	23,365	3/4	8,212	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,645	2	68,491	2	53,337	2	38,203	2	23,050	2	7,896	2	2	2	2	2	2	2	2
1/4	83,329	1/4	68,175	1/4	53,021	1/4	37,887	1/4	22,734	1/4	7,580	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,013	1/2	67,859	1/2	52,705	1/2	37,572	1/2	22,418	1/2	7,265	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,697	3/4	67,543	3/4	52,389	3/4	37,256	3/4	22,103	3/4	6,949	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,382	3	67,228	3	52,074	3	36,940	3	21,787	3	6,634	3	3	3	3	3	3	3	3
1/4	82,066	1/4	66,912	1/4	51,758	1/4	36,625	1/4	21,471	1/4	6,318	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,750	1/2	66,596	1/2	51,443	1/2	36,309	1/2	21,155	1/2	6,003	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,435	3/4	66,281	3/4	51,128	3/4	35,993	3/4	20,840	3/4	5,687	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,119	4	65,965	4	50,812	4	35,677	4	20,524	4	5,372	4	4	4	4	4	4	4	4
1/4	80,803	1/4	65,649	1/4	50,497	1/4	35,362	1/4	20,208	1/4	5,057	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,488	1/2	65,333	1/2	50,182	1/2	35,046	1/2	19,893	1/2	4,743	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,172	3/4	65,018	3/4	49,867	3/4	34,730	3/4	19,577	3/4	4,428	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,856	5	64,702	5	49,552	5	34,415	5	19,261	5	4,114	5	5	5	5	5	5	5	5
1/4	79,540	1/4	64,386	1/4	49,236	1/4	34,099	1/4	18,946	1/4	3,800	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,225	1/2	64,071	1/2	48,921	1/2	33,783	1/2	18,630	1/2	3,511	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,909	3/4	63,755	3/4	48,606	3/4	33,468	3/4	18,314	3/4	3,221	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,593	6	63,439	6	48,291	6	33,152	6	17,998	6	2,932	6	6	6	6	6	6	6	6
1/4	78,278	1/4	63,124	1/4	47,976	1/4	32,836	1/4	17,683	1/4	2,643	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,962	1/2	62,808	1/2	47,660	1/2	32,521	1/2	17,367	1/2	2,406	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,646	3/4	62,492	3/4	47,345	3/4	32,205	3/4	17,051	3/4	2,169	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,330	7	62,176	7	47,030	7	31,889	7	16,736	7	1,933	7	7	7	7	7	7	7	7
1/4	77,015	1/4	61,861	1/4	46,715	1/4	31,573	1/4	16,420	1/4	1,696	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,699	1/2	61,545	1/2	46,400	1/2	31,258	1/2	16,104	1/2	1,512	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,383	3/4	61,229	3/4	46,084	3/4	30,942	3/4	15,789	3/4	1,328	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,068	8	60,914	8	45,769	8	30,626	8	15,473	8	1,144	8	8	8	8	8	8	8	8
1/4	75,752	1/4	60,598	1/4	45,454	1/4	30,311	1/4	15,157	1/4	960	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,436	1/2	60,282	1/2	45,139	1/2	29,995	1/2	14,841	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,120	3/4	59,966	3/4	44,824	3/4	29,679	3/4	14,526	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,805	9	59,651	9	44,508	9	29,364	9	14,210	9		9	9	9	9	9	9	9	9
1/4	74,489	1/4	59,335	1/4	44,193	1/4	29,048	1/4	13,894	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,173	1/2	59,019	1/2	43,878	1/2	28,732	1/2	13,579	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,858	3/4	58,704	3/4	43,563	3/4	28,416	3/4	13,263	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,542	10	58,388	10	43,248	10	28,101	10	12,947	10		10	10	10	10	10	10	10	10
1/4	73,226	1/4	58,072	1/4	42,932	1/4	27,785	1/4	12,632	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,910	1/2	57,756	1/2	42,617	1/2	27,469	1/2	12,316	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,595	3/4	57,441	3/4	42,302	3/4	27,154	3/4	12,000	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,279	11	57,125	11	41,987	11	26,838	11	11,685	11		11	11	11	11	11	11	11	11
1/4	71,963	1/4	56,809	1/4	41,672	1/4	26,522	1/4	11,369	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,648	1/2	56,494	1/2	41,357	1/2	26,207	1/2	11,053	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,332	3/4	56,178	3/4	41,041	3/4	25,891	3/4	10,737	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "CBC 373"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	208,143	0	192,965	0	177,751	0	162,538	0	147,324	0	132,110	0	116,897	0	101,680
1/4		1/4	221,923	1/4	207,827	1/4	192,648	1/4	177,434	1/4	162,221	1/4	147,007	1/4	131,794	1/4	116,580	1/4	101,363
1/2		1/2	221,741	1/2	207,511	1/2	192,331	1/2	177,117	1/2	161,904	1/2	146,690	1/2	131,477	1/2	116,263	1/2	101,046
3/4		3/4	221,559	3/4	207,196	3/4	192,014	3/4	176,800	3/4	161,587	3/4	146,373	3/4	131,160	3/4	115,946	3/4	100,729
1		1	221,377	1	206,880	1	191,697	1	176,483	1	161,270	1	146,056	1	130,843	1	115,629	1	100,412
1/4		1/4	221,195	1/4	206,564	1/4	191,380	1/4	176,166	1/4	160,953	1/4	145,739	1/4	130,526	1/4	115,312	1/4	100,095
1/2		1/2	220,962	1/2	206,248	1/2	191,063	1/2	175,849	1/2	160,636	1/2	145,422	1/2	130,209	1/2	114,995	1/2	99,778
3/4		3/4	220,728	3/4	205,933	3/4	190,746	3/4	175,532	3/4	160,319	3/4	145,105	3/4	129,892	3/4	114,678	3/4	99,461
2		2	220,495	2	205,617	2	190,429	2	175,215	2	160,002	2	144,788	2	129,575	2	114,361	2	99,144
1/4		1/4	220,261	1/4	205,301	1/4	190,112	1/4	174,899	1/4	159,685	1/4	144,471	1/4	129,258	1/4	114,044	1/4	98,827
1/2		1/2	219,975	1/2	204,985	1/2	189,795	1/2	174,582	1/2	159,368	1/2	144,155	1/2	128,941	1/2	113,727	1/2	98,510
3/4		3/4	219,689	3/4	204,670	3/4	189,478	3/4	174,265	3/4	159,051	3/4	143,838	3/4	128,624	3/4	113,411	3/4	98,193
3		3	219,402	3	204,354	3	189,161	3	173,948	3	158,734	3	143,521	3	128,307	3	113,094	3	97,875
1/4		1/4	219,116	1/4	204,038	1/4	188,844	1/4	173,631	1/4	158,417	1/4	143,204	1/4	127,990	1/4	112,777	1/4	97,558
1/2		1/2	218,805	1/2	203,723	1/2	188,527	1/2	173,314	1/2	158,100	1/2	142,887	1/2	127,673	1/2	112,460	1/2	97,241
3/4		3/4	218,493	3/4	203,407	3/4	188,210	3/4	172,997	3/4	157,783	3/4	142,570	3/4	127,356	3/4	112,143	3/4	96,924
4		4	218,182	4	203,091	4	187,893	4	172,680	4	157,466	4	142,253	4	127,039	4	111,826	4	96,607
1/4		1/4	217,871	1/4	202,775	1/4	187,576	1/4	172,363	1/4	157,149	1/4	141,936	1/4	126,722	1/4	111,509	1/4	96,290
1/2		1/2	217,558	1/2	202,460	1/2	187,260	1/2	172,046	1/2	156,832	1/2	141,619	1/2	126,405	1/2	111,192	1/2	95,973
3/4		3/4	217,246	3/4	202,144	3/4	186,943	3/4	171,729	3/4	156,516	3/4	141,302	3/4	126,088	3/4	110,875	3/4	95,656
5		5	216,934	5	201,828	5	186,626	5	171,412	5	156,199	5	140,985	5	125,772	5	110,558	5	95,339
1/4		1/4	216,621	1/4	201,512	1/4	186,309	1/4	171,095	1/4	155,882	1/4	140,668	1/4	125,455	1/4	110,241	1/4	95,022
1/2		1/2	216,309	1/2	201,197	1/2	185,992	1/2	170,778	1/2	155,565	1/2	140,351	1/2	125,138	1/2	109,924	1/2	94,705
3/4		3/4	215,996	3/4	200,881	3/4	185,675	3/4	170,461	3/4	155,248	3/4	140,034	3/4	124,821	3/4	109,607	3/4	94,388
6		6	215,683	6	200,565	6	185,358	6	170,144	6	154,931	6	139,717	6	124,504	6	109,290	6	94,071
1/4		1/4	215,370	1/4	200,250	1/4	185,041	1/4	169,827	1/4	154,614	1/4	139,400	1/4	124,187	1/4	108,973	1/4	93,754
1/2		1/2	215,057	1/2	199,934	1/2	184,724	1/2	169,510	1/2	154,297	1/2	139,083	1/2	123,870	1/2	108,656	1/2	93,437
3/4		3/4	214,745	3/4	199,618	3/4	184,407	3/4	169,193	3/4	153,980	3/4	138,766	3/4	123,553	3/4	108,339	3/4	93,120
7		7	214,432	7	199,302	7	184,090	7	168,877	7	153,663	7	138,449	7	123,236	7	108,022	7	92,802
1/4		1/4	214,119	1/4	198,987	1/4	183,773	1/4	168,560	1/4	153,346	1/4	138,133	1/4	122,919	1/4	107,705	1/4	92,485
1/2		1/2	213,806	1/2	198,670	1/2	183,456	1/2	168,243	1/2	153,029	1/2	137,816	1/2	122,602	1/2	107,387	1/2	92,168
3/4		3/4	213,493	3/4	198,353	3/4	183,139	3/4	167,926	3/4	152,712	3/4	137,499	3/4	122,285	3/4	107,070	3/4	91,851
8		8	213,181	8	198,036	8	182,822	8	167,609	8	152,395	8	137,182	8	121,968	8	106,753	8	91,534
1/4		1/4	212,868	1/4	197,719	1/4	182,505	1/4	167,292	1/4	152,078	1/4	136,865	1/4	121,651	1/4	106,436	1/4	91,217
1/2		1/2	212,555	1/2	197,402	1/2	182,188	1/2	166,975	1/2	151,761	1/2	136,548	1/2	121,334	1/2	106,119	1/2	90,900
3/4		3/4	212,242	3/4	197,085	3/4	181,871	3/4	166,658	3/4	151,444	3/4	136,231	3/4	121,017	3/4	105,802	3/4	90,583
9		9	211,929	9	196,768	9	181,554	9	166,341	9	151,127	9	135,914	9	120,700	9	105,485	9	90,266
1/4		1/4	211,616	1/4	196,451	1/4	181,238	1/4	166,024	1/4	150,810	1/4	135,597	1/4	120,383	1/4	105,168	1/4	89,949
1/2		1/2	211,301	1/2	196,134	1/2	180,921	1/2	165,707	1/2	150,494	1/2	135,280	1/2	120,066	1/2	104,851	1/2	89,632
3/4		3/4	210,985	3/4	195,817	3/4	180,604	3/4	165,390	3/4	150,177	3/4	134,963	3/4	119,749	3/4	104,534	3/4	89,315
10		10	210,669	10	195,500	10	180,287	10	165,073	10	149,860	10	134,646	10	119,433	10	104,217	10	88,998
1/4		1/4	210,353	1/4	195,183	1/4	179,970	1/4	164,756	1/4	149,543	1/4	134,329	1/4	119,116	1/4	103,900	1/4	88,681
1/2		1/2	210,037	1/2	194,866	1/2	179,653	1/2	164,439	1/2	149,226	1/2	134,012	1/2	118,799	1/2	103,583	1/2	88,364
3/4		3/4	209,722	3/4	194,549	3/4	179,336	3/4	164,122	3/4	148,909	3/4	133,695	3/4	118,482	3/4	103,266	3/4	88,046
11		11	209,406	11	194,232	11	179,019	11	163,805	11	148,592	11	133,378	11	118,165	11	102,949	11	87,729
1/4		1/4	209,090	1/4	193,915	1/4	178,702	1/4	163,488	1/4	148,275	1/4	133,061	1/4	117,848	1/4	102,631	1/4	87,412
1/2		1/2	208,774	1/2	193,599	1/2	178,385	1/2	163,171	1/2	147,958	1/2	132,744	1/2	117,531	1/2	102,314	1/2	87,095
3/4		3/4	208,458	3/4	193,282	3/4	178,068	3/4	162,854	3/4	147,641	3/4	132,427	3/4	117,214	3/4	101,997	3/4	86,778

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 373"

1 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	86,461	0	71,242	0	56,023	0	40,886	0	25,685	0	10,467	0		0		0		0	
1/4	86,144	1/4	70,925	1/4	55,706	1/4	40,572	1/4	25,368	1/4	10,150	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,827	1/2	70,608	1/2	55,389	1/2	40,257	1/2	25,051	1/2	9,833	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,510	3/4	70,291	3/4	55,072	3/4	39,942	3/4	24,734	3/4	9,516	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,193	1	69,974	1	54,755	1	39,627	1	24,417	1	9,199	1	1	1	1	1	1	1	1
1/4	84,876	1/4	69,657	1/4	54,438	1/4	39,312	1/4	24,100	1/4	8,882	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,559	1/2	69,340	1/2	54,120	1/2	38,997	1/2	23,783	1/2	8,565	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,242	3/4	69,023	3/4	53,803	3/4	38,681	3/4	23,466	3/4	8,248	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,925	2	68,705	2	53,486	2	38,366	2	23,149	2	7,930	2	2	2	2	2	2	2	2
1/4	83,608	1/4	68,388	1/4	53,169	1/4	38,050	1/4	22,832	1/4	7,613	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,290	1/2	68,071	1/2	52,854	1/2	37,733	1/2	22,515	1/2	7,296	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,973	3/4	67,754	3/4	52,538	3/4	37,416	3/4	22,198	3/4	6,979	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,656	3	67,437	3	52,223	3	37,099	3	21,881	3	6,662	3	3	3	3	3	3	3	3
1/4	82,339	1/4	67,120	1/4	51,908	1/4	36,782	1/4	21,564	1/4	6,345	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,022	1/2	66,803	1/2	51,593	1/2	36,465	1/2	21,247	1/2	6,029	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,705	3/4	66,486	3/4	51,278	3/4	36,148	3/4	20,930	3/4	5,712	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,388	4	66,169	4	50,963	4	35,831	4	20,613	4	5,396	4	4	4	4	4	4	4	4
1/4	81,071	1/4	65,852	1/4	50,648	1/4	35,514	1/4	20,296	1/4	5,079	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,754	1/2	65,535	1/2	50,333	1/2	35,197	1/2	19,978	1/2	4,763	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,437	3/4	65,218	3/4	50,018	3/4	34,880	3/4	19,661	3/4	4,448	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,120	5	64,901	5	49,703	5	34,563	5	19,344	5	4,132	5	5	5	5	5	5	5	5
1/4	79,803	1/4	64,584	1/4	49,389	1/4	34,246	1/4	19,027	1/4	3,817	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,486	1/2	64,267	1/2	49,074	1/2	33,929	1/2	18,710	1/2	3,526	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,169	3/4	63,949	3/4	48,759	3/4	33,612	3/4	18,393	3/4	3,236	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,852	6	63,632	6	48,444	6	33,295	6	18,076	6	2,945	6	6	6	6	6	6	6	6
1/4	78,535	1/4	63,315	1/4	48,129	1/4	32,978	1/4	17,759	1/4	2,655	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,217	1/2	62,998	1/2	47,814	1/2	32,661	1/2	17,442	1/2	2,417	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,900	3/4	62,681	3/4	47,499	3/4	32,344	3/4	17,125	3/4	2,179	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,583	7	62,364	7	47,184	7	32,026	7	16,808	7	1,941	7	7	7	7	7	7	7	7
1/4	77,266	1/4	62,047	1/4	46,869	1/4	31,709	1/4	16,491	1/4	1,704	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,949	1/2	61,730	1/2	46,555	1/2	31,392	1/2	16,174	1/2	1,519	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,632	3/4	61,413	3/4	46,240	3/4	31,075	3/4	15,857	3/4	1,334	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,315	8	61,096	8	45,925	8	30,758	8	15,540	8	1,149	8	8	8	8	8	8	8	8
1/4	75,998	1/4	60,779	1/4	45,610	1/4	30,441	1/4	15,223	1/4	964	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,681	1/2	60,462	1/2	45,295	1/2	30,124	1/2	14,906	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,364	3/4	60,145	3/4	44,980	3/4	29,807	3/4	14,589	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,047	9	59,828	9	44,665	9	29,490	9	14,272	9		9	9	9	9	9	9	9	9
1/4	74,730	1/4	59,511	1/4	44,350	1/4	29,173	1/4	13,954	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,413	1/2	59,194	1/2	44,035	1/2	28,856	1/2	13,637	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,096	3/4	58,876	3/4	43,721	3/4	28,539	3/4	13,320	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,779	10	58,559	10	43,406	10	28,222	10	13,003	10		10	10	10	10	10	10	10	10
1/4	73,461	1/4	58,242	1/4	43,091	1/4	27,905	1/4	12,686	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,144	1/2	57,925	1/2	42,776	1/2	27,588	1/2	12,369	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,827	3/4	57,608	3/4	42,461	3/4	27,271	3/4	12,052	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,510	11	57,291	11	42,146	11	26,954	11	11,735	11		11	11	11	11	11	11	11	11
1/4	72,193	1/4	56,974	1/4	41,831	1/4	26,637	1/4	11,418	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,876	1/2	56,657	1/2	41,516	1/2	26,320	1/2	11,101	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,559	3/4	56,340	3/4	41,201	3/4	26,002	3/4	10,784	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "CBC 373"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	221,363	0	207,308	0	192,172	0	177,003	0	161,833	0	146,663	0	131,494	0	116,324	0	101,151		
1/4	1/4	221,182	1/4	206,993	1/4	191,856	1/4	176,687	1/4	161,517	1/4	146,347	1/4	131,177	1/4	116,008	1/4	100,835	1/4		
1/2	1/2	221,000	1/2	206,678	1/2	191,540	1/2	176,371	1/2	161,201	1/2	146,031	1/2	130,861	1/2	115,692	1/2	100,519	1/2		
3/4	3/4	220,819	3/4	206,363	3/4	191,224	3/4	176,055	3/4	160,885	3/4	145,715	3/4	130,545	3/4	115,376	3/4	100,202	3/4		
1		1	220,638	1	206,049	1	190,908	1	175,739	1	160,569	1	145,399	1	130,229	1	115,060	1	99,886		
1/4	1/4	220,405	1/4	205,734	1/4	190,592	1/4	175,422	1/4	160,253	1/4	145,083	1/4	129,913	1/4	114,744	1/4	99,570	1/4		
1/2	1/2	220,172	1/2	205,419	1/2	190,276	1/2	175,106	1/2	159,937	1/2	144,767	1/2	129,597	1/2	114,428	1/2	99,254	1/2		
3/4	3/4	219,939	3/4	205,104	3/4	189,960	3/4	174,790	3/4	159,621	3/4	144,451	3/4	129,281	3/4	114,112	3/4	98,938	3/4		
2		2	219,706	2	204,789	2	189,644	2	174,474	2	159,305	2	144,135	2	128,965	2	113,796	2	98,622		
1/4	1/4	219,421	1/4	204,475	1/4	189,328	1/4	174,158	1/4	158,989	1/4	143,819	1/4	128,649	1/4	113,479	1/4	98,305	1/4		
1/2	1/2	219,135	1/2	204,160	1/2	189,012	1/2	173,842	1/2	158,673	1/2	143,503	1/2	128,333	1/2	113,163	1/2	97,989	1/2		
3/4	3/4	218,850	3/4	203,845	3/4	188,696	3/4	173,526	3/4	158,357	3/4	143,187	3/4	128,017	3/4	112,847	3/4	97,673	3/4		
3		3	218,564	3	203,530	3	188,380	3	173,210	3	158,041	3	142,871	3	127,701	3	112,531	3	97,357		
1/4	1/4	218,254	1/4	203,215	1/4	188,064	1/4	172,894	1/4	157,724	1/4	142,555	1/4	127,385	1/4	112,215	1/4	97,041	1/4		
1/2	1/2	217,943	1/2	202,900	1/2	187,748	1/2	172,578	1/2	157,408	1/2	142,239	1/2	127,069	1/2	111,899	1/2	96,725	1/2		
3/4	3/4	217,633	3/4	202,586	3/4	187,432	3/4	172,262	3/4	157,092	3/4	141,923	3/4	126,753	3/4	111,583	3/4	96,409	3/4		
4		4	217,323	4	202,271	4	187,116	4	171,946	4	156,776	4	141,607	4	126,437	4	111,267	4	96,092		
1/4	1/4	217,011	1/4	201,956	1/4	186,800	1/4	171,630	1/4	156,460	1/4	141,291	1/4	126,121	1/4	110,951	1/4	95,776	1/4		
1/2	1/2	216,700	1/2	201,641	1/2	186,484	1/2	171,314	1/2	156,144	1/2	140,975	1/2	125,805	1/2	110,635	1/2	95,460	1/2		
3/4	3/4	216,388	3/4	201,326	3/4	186,168	3/4	170,998	3/4	155,828	3/4	140,659	3/4	125,489	3/4	110,319	3/4	95,144	3/4		
5		5	216,077	5	201,012	5	185,852	5	170,682	5	155,512	5	140,343	5	125,173	5	110,003	5	94,828		
1/4	1/4	215,765	1/4	200,697	1/4	185,536	1/4	170,366	1/4	155,196	1/4	140,026	1/4	124,857	1/4	109,687	1/4	94,512	1/4		
1/2	1/2	215,453	1/2	200,382	1/2	185,220	1/2	170,050	1/2	154,880	1/2	139,710	1/2	124,541	1/2	109,371	1/2	94,195	1/2		
3/4	3/4	215,141	3/4	200,067	3/4	184,904	3/4	169,734	3/4	154,564	3/4	139,394	3/4	124,225	3/4	109,055	3/4	93,879	3/4		
6		6	214,829	6	199,752	6	184,588	6	169,418	6	154,248	6	139,078	6	123,909	6	108,738	6	93,563		
1/4	1/4	214,517	1/4	199,438	1/4	184,271	1/4	169,102	1/4	153,932	1/4	138,762	1/4	123,593	1/4	108,422	1/4	93,247	1/4		
1/2	1/2	214,206	1/2	199,123	1/2	183,955	1/2	168,786	1/2	153,616	1/2	138,446	1/2	123,277	1/2	108,106	1/2	92,931	1/2		
3/4	3/4	213,894	3/4	198,808	3/4	183,639	3/4	168,470	3/4	153,300	3/4	138,130	3/4	122,961	3/4	107,790	3/4	92,615	3/4		
7		7	213,582	7	198,493	7	183,323	7	168,154	7	152,984	7	137,814	7	122,645	7	107,474	7	92,299		
1/4	1/4	213,270	1/4	198,177	1/4	183,007	1/4	167,838	1/4	152,668	1/4	137,498	1/4	122,328	1/4	107,158	1/4	91,982	1/4		
1/2	1/2	212,958	1/2	197,861	1/2	182,691	1/2	167,522	1/2	152,352	1/2	137,182	1/2	122,012	1/2	106,842	1/2	91,666	1/2		
3/4	3/4	212,646	3/4	197,545	3/4	182,375	3/4	167,206	3/4	152,036	3/4	136,866	3/4	121,696	3/4	106,525	3/4	91,350	3/4		
8		8	212,334	8	197,229	8	182,059	8	166,890	8	151,720	8	136,550	8	121,380	8	106,209	8	91,034		
1/4	1/4	212,022	1/4	196,913	1/4	181,743	1/4	166,573	1/4	151,404	1/4	136,234	1/4	121,064	1/4	105,893	1/4	90,718	1/4		
1/2	1/2	211,710	1/2	196,597	1/2	181,427	1/2	166,257	1/2	151,088	1/2	135,918	1/2	120,748	1/2	105,577	1/2	90,402	1/2		
3/4	3/4	211,398	3/4	196,281	3/4	181,111	3/4	165,941	3/4	150,772	3/4	135,602	3/4	120,432	3/4	105,261	3/4	90,085	3/4		
9		9	211,086	9	195,965	9	180,795	9	165,625	9	150,456	9	135,286	9	120,116	9	104,945	9	89,769		
1/4	1/4	210,772	1/4	195,649	1/4	180,479	1/4	165,309	1/4	150,140	1/4	134,970	1/4	119,800	1/4	104,628	1/4	89,453	1/4		
1/2	1/2	210,457	1/2	195,333	1/2	180,163	1/2	164,993	1/2	149,824	1/2	134,654	1/2	119,484	1/2	104,312	1/2	89,137	1/2		
3/4	3/4	210,142	3/4	195,017	3/4	179,847	3/4	164,677	3/4	149,508	3/4	134,338	3/4	119,168	3/4	103,996	3/4	88,821	3/4		
10		10	209,827	10	194,701	10	179,531	10	164,361	10	149,192	10	134,022	10	118,852	10	103,680	10	88,505		
1/4	1/4	209,512	1/4	194,385	1/4	179,215	1/4	164,045	1/4	148,875	1/4	133,706	1/4	118,536	1/4	103,364	1/4	88,189	1/4		
1/2	1/2	209,197	1/2	194,069	1/2	178,899	1/2	163,729	1/2	148,559	1/2	133,390	1/2	118,220	1/2	103,048	1/2	87,872	1/2		
3/4	3/4	208,882	3/4	193,753	3/4	178,583	3/4	163,413	3/4	148,243	3/4	133,074	3/4	117,904	3/4	102,732	3/4	87,556	3/4		
11		11	208,567	11	193,437	11	178,267	11	163,097	11	147,927	11	132,758	11	117,588	11	102,415	11	87,240		
1/4	1/4	208,252	1/4	193,120	1/4	177,951	1/4	162,781	1/4	147,611	1/4	132,442	1/4	117,272	1/4	102,099	1/4	86,924	1/4		
1/2	1/2	207,937	1/2	192,804	1/2	177,635	1/2	162,465	1/2	147,295	1/2	132,126	1/2	116,956	1/2	101,783	1/2	86,608	1/2		
3/4	3/4	207,623	3/4	192,488	3/4	177,319	3/4	162,149	3/4	146,979	3/4	131,810	3/4	116,640	3/4	101,467	3/4	86,292	3/4		

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 373"

2 PORT 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	85,976	0	70,800	0	55,625	0	40,468	0	25,295	0	10,121	0		0		0		0	
1/4	85,659	1/4	70,484	1/4	55,309	1/4	40,153	1/4	24,979	1/4	9,805	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,343	1/2	70,168	1/2	54,993	1/2	39,837	1/2	24,663	1/2	9,488	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,027	3/4	69,852	3/4	54,676	3/4	39,521	3/4	24,347	3/4	9,172	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,711	1	69,536	1	54,360	1	39,206	1	24,031	1	8,856	1	1	1	1	1	1	1	1
1/4	84,395	1/4	69,219	1/4	54,044	1/4	38,889	1/4	23,715	1/4	8,540	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,079	1/2	68,903	1/2	53,728	1/2	38,573	1/2	23,399	1/2	8,224	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,762	3/4	68,587	3/4	53,412	3/4	38,257	3/4	23,082	3/4	7,908	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,446	2	68,271	2	53,096	2	37,941	2	22,766	2	7,592	2	2	2	2	2	2	2	2
1/4	83,130	1/4	67,955	1/4	52,780	1/4	37,625	1/4	22,450	1/4	7,276	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,814	1/2	67,639	1/2	52,463	1/2	37,309	1/2	22,134	1/2	6,959	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,498	3/4	67,323	3/4	52,147	3/4	36,993	3/4	21,818	3/4	6,643	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,182	3	67,006	3	51,831	3	36,676	3	21,502	3	6,327	3	3	3	3	3	3	3	3
1/4	81,866	1/4	66,690	1/4	51,515	1/4	36,360	1/4	21,186	1/4	6,012	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,549	1/2	66,374	1/2	51,200	1/2	36,044	1/2	20,870	1/2	5,696	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,233	3/4	66,058	3/4	50,884	3/4	35,728	3/4	20,553	3/4	5,380	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,917	4	65,742	4	50,569	4	35,412	4	20,237	4	5,064	4	4	4	4	4	4	4	4
1/4	80,601	1/4	65,426	1/4	50,253	1/4	35,096	1/4	19,921	1/4	4,750	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,285	1/2	65,109	1/2	49,937	1/2	34,780	1/2	19,605	1/2	4,435	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,969	3/4	64,793	3/4	49,622	3/4	34,464	3/4	19,289	3/4	4,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,652	5	64,477	5	49,306	5	34,147	5	18,973	5	3,806	5	5	5	5	5	5	5	5
1/4	79,336	1/4	64,161	1/4	48,990	1/4	33,831	1/4	18,657	1/4	3,516	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,020	1/2	63,845	1/2	48,675	1/2	33,515	1/2	18,340	1/2	3,226	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,704	3/4	63,529	3/4	48,359	3/4	33,199	3/4	18,024	3/4	2,937	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,388	6	63,213	6	48,043	6	32,883	6	17,708	6	2,647	6	6	6	6	6	6	6	6
1/4	78,072	1/4	62,896	1/4	47,728	1/4	32,567	1/4	17,392	1/4	2,410	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,756	1/2	62,580	1/2	47,412	1/2	32,251	1/2	17,076	1/2	2,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,439	3/4	62,264	3/4	47,097	3/4	31,934	3/4	16,760	3/4	1,936	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,123	7	61,948	7	46,781	7	31,618	7	16,444	7	1,699	7	7	7	7	7	7	7	7
1/4	76,807	1/4	61,632	1/4	46,465	1/4	31,302	1/4	16,127	1/4	1,514	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,491	1/2	61,316	1/2	46,150	1/2	30,986	1/2	15,811	1/2	1,330	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,175	3/4	60,999	3/4	45,834	3/4	30,670	3/4	15,495	3/4	1,146	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,859	8	60,683	8	45,518	8	30,354	8	15,179	8	961	8	8	8	8	8	8	8	8
1/4	75,542	1/4	60,367	1/4	45,203	1/4	30,038	1/4	14,863	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,226	1/2	60,051	1/2	44,887	1/2	29,721	1/2	14,547	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,910	3/4	59,735	3/4	44,571	3/4	29,405	3/4	14,231	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,594	9	59,419	9	44,256	9	29,089	9	13,914	9		9	9	9	9	9	9	9	9
1/4	74,278	1/4	59,103	1/4	43,940	1/4	28,773	1/4	13,598	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,962	1/2	58,786	1/2	43,625	1/2	28,457	1/2	13,282	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,646	3/4	58,470	3/4	43,309	3/4	28,141	3/4	12,966	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,329	10	58,154	10	42,993	10	27,825	10	12,650	10		10	10	10	10	10	10	10	10
1/4	73,013	1/4	57,838	1/4	42,678	1/4	27,508	1/4	12,334	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,697	1/2	57,522	1/2	42,362	1/2	27,192	1/2	12,018	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,381	3/4	57,206	3/4	42,046	3/4	26,876	3/4	11,701	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,065	11	56,890	11	41,731	11	26,560	11	11,385	11		11	11	11	11	11	11	11	11
1/4	71,749	1/4	56,573	1/4	41,415	1/4	26,244	1/4	11,069	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,433	1/2	56,257	1/2	41,099	1/2	25,928	1/2	10,753	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,116	3/4	55,941	3/4	40,784	3/4	25,612	3/4	10,437	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "CBC 373"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	220,802	0	206,740	0	191,597	0	176,420	0	161,243	0	146,066	0	130,889	0	115,712	0	100,532
1/4	1/4	220,621	1/4	206,425	1/4	191,281	1/4	176,104	1/4	160,927	1/4	145,750	1/4	130,573	1/4	115,396	1/4	100,215	
1/2	1/2	220,439	1/2	206,110	1/2	190,965	1/2	175,788	1/2	160,611	1/2	145,434	1/2	130,257	1/2	115,080	1/2	99,899	
3/4	3/4	220,258	3/4	205,795	3/4	190,649	3/4	175,472	3/4	160,295	3/4	145,118	3/4	129,941	3/4	114,763	3/4	99,583	
1		1	220,076	1	205,480	1	190,332	1	175,155	1	159,978	1	144,801	1	129,624	1	114,447	1	99,267
1/4	1/4	219,843	1/4	205,165	1/4	190,016	1/4	174,839	1/4	159,662	1/4	144,485	1/4	129,308	1/4	114,131	1/4	98,950	
1/2	1/2	219,610	1/2	204,850	1/2	189,700	1/2	174,523	1/2	159,346	1/2	144,169	1/2	128,992	1/2	113,815	1/2	98,634	
3/4	3/4	219,377	3/4	204,535	3/4	189,384	3/4	174,207	3/4	159,030	3/4	143,853	3/4	128,676	3/4	113,499	3/4	98,318	
2		2	219,144	2	204,220	2	189,068	2	173,891	2	158,714	2	143,537	2	128,360	2	113,183	2	98,001
1/4	1/4	218,859	1/4	203,905	1/4	188,751	1/4	173,574	1/4	158,397	1/4	143,220	1/4	128,043	1/4	112,866	1/4	97,685	
1/2	1/2	218,573	1/2	203,590	1/2	188,435	1/2	173,258	1/2	158,081	1/2	142,904	1/2	127,727	1/2	112,550	1/2	97,369	
3/4	3/4	218,288	3/4	203,275	3/4	188,119	3/4	172,942	3/4	157,765	3/4	142,588	3/4	127,411	3/4	112,234	3/4	97,052	
3		3	218,002	3	202,960	3	187,803	3	172,626	3	157,449	3	142,272	3	127,095	3	111,918	3	96,736
1/4	1/4	217,691	1/4	202,645	1/4	187,487	1/4	172,310	1/4	157,133	1/4	141,956	1/4	126,779	1/4	111,602	1/4	96,420	
1/2	1/2	217,381	1/2	202,330	1/2	187,171	1/2	171,993	1/2	156,816	1/2	141,639	1/2	126,462	1/2	111,285	1/2	96,104	
3/4	3/4	217,070	3/4	202,015	3/4	186,854	3/4	171,677	3/4	156,500	3/4	141,323	3/4	126,146	3/4	110,969	3/4	95,787	
4		4	216,760	4	201,701	4	186,538	4	171,361	4	156,184	4	141,007	4	125,830	4	110,653	4	95,471
1/4	1/4	216,448	1/4	201,386	1/4	186,222	1/4	171,045	1/4	155,868	1/4	140,691	1/4	125,514	1/4	110,337	1/4	95,155	
1/2	1/2	216,136	1/2	201,071	1/2	185,906	1/2	170,729	1/2	155,552	1/2	140,375	1/2	125,198	1/2	110,021	1/2	94,838	
3/4	3/4	215,825	3/4	200,756	3/4	185,590	3/4	170,413	3/4	155,236	3/4	140,059	3/4	124,882	3/4	109,704	3/4	94,522	
5		5	215,513	5	200,441	5	185,273	5	170,096	5	154,919	5	139,742	5	124,565	5	109,388	5	94,206
1/4	1/4	215,201	1/4	200,126	1/4	184,957	1/4	169,780	1/4	154,603	1/4	139,426	1/4	124,249	1/4	109,072	1/4	93,889	
1/2	1/2	214,889	1/2	199,811	1/2	184,641	1/2	169,464	1/2	154,287	1/2	139,110	1/2	123,933	1/2	108,756	1/2	93,573	
3/4	3/4	214,577	3/4	199,496	3/4	184,325	3/4	169,148	3/4	153,971	3/4	138,794	3/4	123,617	3/4	108,439	3/4	93,257	
6		6	214,265	6	199,181	6	184,009	6	168,832	6	153,655	6	138,478	6	123,301	6	108,123	6	92,940
1/4	1/4	213,953	1/4	198,866	1/4	183,692	1/4	168,515	1/4	153,338	1/4	138,161	1/4	122,984	1/4	107,807	1/4	92,624	
1/2	1/2	213,641	1/2	198,551	1/2	183,376	1/2	168,199	1/2	153,022	1/2	137,845	1/2	122,668	1/2	107,490	1/2	92,308	
3/4	3/4	213,329	3/4	198,236	3/4	183,060	3/4	167,883	3/4	152,706	3/4	137,529	3/4	122,352	3/4	107,174	3/4	91,992	
7		7	213,017	7	197,921	7	182,744	7	167,567	7	152,390	7	137,213	7	122,036	7	106,858	7	91,675
1/4	1/4	212,705	1/4	197,605	1/4	182,428	1/4	167,251	1/4	152,074	1/4	136,897	1/4	121,720	1/4	106,542	1/4	91,359	
1/2	1/2	212,393	1/2	197,289	1/2	182,112	1/2	166,934	1/2	151,757	1/2	136,580	1/2	121,403	1/2	106,225	1/2	91,043	
3/4	3/4	212,081	3/4	196,972	3/4	181,795	3/4	166,618	3/4	151,441	3/4	136,264	3/4	121,087	3/4	105,909	3/4	90,726	
8		8	211,769	8	196,656	8	181,479	8	166,302	8	151,125	8	135,948	8	120,771	8	105,593	8	90,410
1/4	1/4	211,457	1/4	196,340	1/4	181,163	1/4	165,986	1/4	150,809	1/4	135,632	1/4	120,455	1/4	105,276	1/4	90,094	
1/2	1/2	211,145	1/2	196,024	1/2	180,847	1/2	165,670	1/2	150,493	1/2	135,316	1/2	120,139	1/2	104,960	1/2	89,777	
3/4	3/4	210,832	3/4	195,708	3/4	180,531	3/4	165,354	3/4	150,177	3/4	135,000	3/4	119,822	3/4	104,644	3/4	89,461	
9		9	210,520	9	195,391	9	180,214	9	165,037	9	149,860	9	134,683	9	119,506	9	104,327	9	89,145
1/4	1/4	210,205	1/4	195,075	1/4	179,898	1/4	164,721	1/4	149,544	1/4	134,367	1/4	119,190	1/4	104,011	1/4	88,829	
1/2	1/2	209,890	1/2	194,759	1/2	179,582	1/2	164,405	1/2	149,228	1/2	134,051	1/2	118,874	1/2	103,695	1/2	88,512	
3/4	3/4	209,575	3/4	194,443	3/4	179,266	3/4	164,089	3/4	148,912	3/4	133,735	3/4	118,558	3/4	103,379	3/4	88,196	
10		10	209,260	10	194,127	10	178,950	10	163,773	10	148,596	10	133,419	10	118,242	10	103,062	10	87,880
1/4	1/4	208,945	1/4	193,810	1/4	178,633	1/4	163,456	1/4	148,279	1/4	133,102	1/4	117,925	1/4	102,746	1/4	87,563	
1/2	1/2	208,630	1/2	193,494	1/2	178,317	1/2	163,140	1/2	147,963	1/2	132,786	1/2	117,609	1/2	102,430	1/2	87,247	
3/4	3/4	208,315	3/4	193,178	3/4	178,001	3/4	162,824	3/4	147,647	3/4	132,470	3/4	117,293	3/4	102,113	3/4	86,931	
11		11	208,000	11	192,862	11	177,685	11	162,508	11	147,331	11	132,154	11	116,977	11	101,797	11	86,614
1/4	1/4	207,685	1/4	192,546	1/4	177,369	1/4	162,192	1/4	147,015	1/4	131,838	1/4	116,661	1/4	101,481	1/4	86,298	
1/2	1/2	207,370	1/2	192,230	1/2	177,053	1/2	161,875	1/2	146,698	1/2	131,521	1/2	116,344	1/2	101,164	1/2	85,982	
3/4	3/4	207,055	3/4	191,913	3/4	176,736	3/4	161,559	3/4	146,382	3/4	131,205	3/4	116,028	3/4	100,848	3/4	85,665	

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 373"

2 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	85,349	0	70,167	0	54,984	0	40,376	0	25,307	0	10,125	0		0		0		0	
1/4	85,033	1/4	69,850	1/4	54,668	1/4	40,074	1/4	24,991	1/4	9,809	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,717	1/2	69,534	1/2	54,351	1/2	39,772	1/2	24,675	1/2	9,493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,400	3/4	69,218	3/4	54,035	3/4	39,470	3/4	24,358	3/4	9,176	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,084	1	68,901	1	53,719	1	39,168	1	24,042	1	8,860	1	1	1	1	1	1	1	1
1/4	83,768	1/4	68,585	1/4	53,402	1/4	38,866	1/4	23,726	1/4	8,544	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,451	1/2	68,269	1/2	53,086	1/2	38,564	1/2	23,410	1/2	8,227	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,135	3/4	67,952	3/4	52,770	3/4	38,261	3/4	23,093	3/4	7,911	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,819	2	67,636	2	52,454	2	37,959	2	22,777	2	7,595	2	2	2	2	2	2	2	2
1/4	82,502	1/4	67,320	1/4	52,151	1/4	37,643	1/4	22,461	1/4	7,279	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,186	1/2	67,004	1/2	51,849	1/2	37,326	1/2	22,144	1/2	6,962	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,870	3/4	66,687	3/4	51,546	3/4	37,010	3/4	21,828	3/4	6,646	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,554	3	66,371	3	51,244	3	36,694	3	21,512	3	6,330	3	3	3	3	3	3	3	3
1/4	81,237	1/4	66,055	1/4	50,942	1/4	36,377	1/4	21,195	1/4	6,014	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,921	1/2	65,738	1/2	50,640	1/2	36,061	1/2	20,879	1/2	5,698	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,605	3/4	65,422	3/4	50,338	3/4	35,745	3/4	20,563	3/4	5,382	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,288	4	65,106	4	50,036	4	35,429	4	20,247	4	5,067	4	4	4	4	4	4	4	4
1/4	79,972	1/4	64,789	1/4	49,734	1/4	35,112	1/4	19,930	1/4	4,752	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,656	1/2	64,473	1/2	49,433	1/2	34,796	1/2	19,614	1/2	4,437	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,339	3/4	64,157	3/4	49,131	3/4	34,480	3/4	19,298	3/4	4,122	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,023	5	63,840	5	48,829	5	34,163	5	18,981	5	3,807	5	5	5	5	5	5	5	5
1/4	78,707	1/4	63,524	1/4	48,527	1/4	33,847	1/4	18,665	1/4	3,518	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,390	1/2	63,208	1/2	48,225	1/2	33,531	1/2	18,349	1/2	3,228	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,074	3/4	62,892	3/4	47,923	3/4	33,215	3/4	18,033	3/4	2,938	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,758	6	62,575	6	47,621	6	32,898	6	17,716	6	2,648	6	6	6	6	6	6	6	6
1/4	77,442	1/4	62,259	1/4	47,319	1/4	32,582	1/4	17,400	1/4	2,411	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,125	1/2	61,943	1/2	47,018	1/2	32,266	1/2	17,084	1/2	2,174	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,809	3/4	61,626	3/4	46,716	3/4	31,949	3/4	16,767	3/4	1,936	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,493	7	61,310	7	46,414	7	31,633	7	16,451	7	1,699	7	7	7	7	7	7	7	7
1/4	76,176	1/4	60,994	1/4	46,112	1/4	31,317	1/4	16,135	1/4	1,515	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,860	1/2	60,677	1/2	45,810	1/2	31,001	1/2	15,818	1/2	1,330	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,544	3/4	60,361	3/4	45,508	3/4	30,684	3/4	15,502	3/4	1,146	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,227	8	60,045	8	45,206	8	30,368	8	15,186	8	961	8	8	8	8	8	8	8	8
1/4	74,911	1/4	59,729	1/4	44,904	1/4	30,052	1/4	14,870	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,595	1/2	59,412	1/2	44,602	1/2	29,735	1/2	14,553	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,279	3/4	59,096	3/4	44,301	3/4	29,419	3/4	14,237	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	73,962	9	58,780	9	43,999	9	29,103	9	13,921	9		9	9	9	9	9	9	9	9
1/4	73,646	1/4	58,463	1/4	43,697	1/4	28,786	1/4	13,604	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,330	1/2	58,147	1/2	43,395	1/2	28,470	1/2	13,288	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,013	3/4	57,831	3/4	43,093	3/4	28,154	3/4	12,972	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,697	10	57,514	10	42,791	10	27,838	10	12,656	10		10	10	10	10	10	10	10	10
1/4	72,381	1/4	57,198	1/4	42,489	1/4	27,521	1/4	12,339	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,064	1/2	56,882	1/2	42,187	1/2	27,205	1/2	12,023	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,748	3/4	56,565	3/4	41,885	3/4	26,889	3/4	11,707	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,432	11	56,249	11	41,584	11	26,572	11	11,390	11		11	11	11	11	11	11	11	11
1/4	71,115	1/4	55,933	1/4	41,282	1/4	26,256	1/4	11,074	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,799	1/2	55,617	1/2	40,980	1/2	25,940	1/2	10,758	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,483	3/4	55,300	3/4	40,678	3/4	25,624	3/4	10,442	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "CBC 373"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	186,168	0	179,077	0	170,964	0	162,835	0	154,706	0	146,000	0	130,965	0	115,877	0	100,765		
1/4	1/4	186,131	1/4	178,908	1/4	170,795	1/4	162,666	1/4	154,536	1/4	145,686	1/4	130,651	1/4	115,563	1/4	100,450	1/4		
1/2	1/2	186,095	1/2	178,739	1/2	170,626	1/2	162,496	1/2	154,367	1/2	145,373	1/2	130,336	1/2	115,248	1/2	100,135	1/2		
3/4	3/4	186,058	3/4	178,570	3/4	170,456	3/4	162,327	3/4	154,198	3/4	145,059	3/4	130,022	3/4	114,933	3/4	99,820	3/4		
1		1	186,022	1	178,402	1	170,287	1	162,158	1	154,028	1	144,746	1	129,708	1	114,618	1	99,506		
1/4	1/4	185,933	1/4	178,233	1/4	170,118	1/4	161,988	1/4	153,859	1/4	144,432	1/4	129,394	1/4	114,303	1/4	99,191	1/4		
1/2	1/2	185,845	1/2	178,064	1/2	169,948	1/2	161,819	1/2	153,690	1/2	144,119	1/2	129,079	1/2	113,989	1/2	98,876	1/2		
3/4	3/4	185,757	3/4	177,895	3/4	169,779	3/4	161,649	3/4	153,520	3/4	143,805	3/4	128,765	3/4	113,674	3/4	98,561	3/4		
2		2	185,668	2	177,727	2	169,609	2	161,480	2	153,351	2	143,492	2	128,451	2	113,359	2	98,246		
1/4	1/4	185,527	1/4	177,558	1/4	169,440	1/4	161,311	1/4	153,181	1/4	143,178	1/4	128,137	1/4	113,044	1/4	97,931	1/4		
1/2	1/2	185,386	1/2	177,389	1/2	169,271	1/2	161,141	1/2	153,012	1/2	142,865	1/2	127,822	1/2	112,729	1/2	97,616	1/2		
3/4	3/4	185,246	3/4	177,220	3/4	169,101	3/4	160,972	3/4	152,843	3/4	142,552	3/4	127,508	3/4	112,415	3/4	97,301	3/4		
3		3	185,105	3	177,052	3	168,932	3	160,803	3	152,673	3	142,238	3	127,194	3	112,100	3	96,987		
1/4	1/4	184,939	1/4	176,883	1/4	168,763	1/4	160,633	1/4	152,504	1/4	141,925	1/4	126,879	1/4	111,785	1/4	96,672	1/4		
1/2	1/2	184,774	1/2	176,714	1/2	168,593	1/2	160,464	1/2	152,335	1/2	141,611	1/2	126,565	1/2	111,470	1/2	96,357	1/2		
3/4	3/4	184,608	3/4	176,545	3/4	168,424	3/4	160,295	3/4	152,165	3/4	141,298	3/4	126,251	3/4	111,155	3/4	96,042	3/4		
4		4	184,442	4	176,377	4	168,255	4	160,125	4	151,996	4	140,984	4	125,937	4	110,840	4	95,727		
1/4	1/4	184,276	1/4	176,208	1/4	168,085	1/4	159,956	1/4	151,827	1/4	140,671	1/4	125,622	1/4	110,526	1/4	95,412	1/4		
1/2	1/2	184,109	1/2	176,039	1/2	167,916	1/2	159,787	1/2	151,657	1/2	140,357	1/2	125,308	1/2	110,211	1/2	95,097	1/2		
3/4	3/4	183,942	3/4	175,870	3/4	167,746	3/4	159,617	3/4	151,488	3/4	140,044	3/4	124,994	3/4	109,896	3/4	94,782	3/4		
5		5	183,775	5	175,702	5	167,577	5	159,448	5	151,319	5	139,730	5	124,680	5	109,581	5	94,468		
1/4	1/4	183,608	1/4	175,533	1/4	167,408	1/4	159,278	1/4	151,149	1/4	139,417	1/4	124,365	1/4	109,266	1/4	94,153	1/4		
1/2	1/2	183,441	1/2	175,364	1/2	167,238	1/2	159,109	1/2	150,980	1/2	139,104	1/2	124,051	1/2	108,952	1/2	93,838	1/2		
3/4	3/4	183,274	3/4	175,195	3/4	167,069	3/4	158,940	3/4	150,810	3/4	138,792	3/4	123,737	3/4	108,637	3/4	93,523	3/4		
6		6	183,107	6	175,027	6	166,900	6	158,770	6	150,641	6	138,479	6	123,422	6	108,322	6	93,208		
1/4	1/4	182,940	1/4	174,858	1/4	166,730	1/4	158,601	1/4	150,472	1/4	138,166	1/4	123,108	1/4	108,007	1/4	92,893	1/4		
1/2	1/2	182,773	1/2	174,689	1/2	166,561	1/2	158,432	1/2	150,302	1/2	137,853	1/2	122,794	1/2	107,692	1/2	92,578	1/2		
3/4	3/4	182,606	3/4	174,520	3/4	166,392	3/4	158,262	3/4	150,133	3/4	137,540	3/4	122,480	3/4	107,377	3/4	92,264	3/4		
7		7	182,439	7	174,352	7	166,222	7	158,093	7	149,964	7	137,227	7	122,165	7	107,062	7	91,949		
1/4	1/4	182,271	1/4	174,182	1/4	166,053	1/4	157,924	1/4	149,794	1/4	136,915	1/4	121,851	1/4	106,747	1/4	91,634	1/4		
1/2	1/2	182,104	1/2	174,013	1/2	165,884	1/2	157,754	1/2	149,625	1/2	136,602	1/2	121,537	1/2	106,433	1/2	91,319	1/2		
3/4	3/4	181,937	3/4	173,843	3/4	165,714	3/4	157,585	3/4	149,456	3/4	136,289	3/4	121,223	3/4	106,118	3/4	91,004	3/4		
8		8	181,770	8	173,674	8	165,545	8	157,415	8	149,286	8	135,976	8	120,908	8	105,803	8	90,689		
1/4	1/4	181,603	1/4	173,505	1/4	165,375	1/4	157,246	1/4	149,117	1/4	135,663	1/4	120,594	1/4	105,488	1/4	90,374	1/4		
1/2	1/2	181,436	1/2	173,335	1/2	165,206	1/2	157,077	1/2	148,947	1/2	135,350	1/2	120,280	1/2	105,173	1/2	90,059	1/2		
3/4	3/4	181,269	3/4	173,166	3/4	165,037	3/4	156,907	3/4	148,778	3/4	135,038	3/4	119,965	3/4	104,858	3/4	89,745	3/4		
9		9	181,102	9	172,997	9	164,867	9	156,738	9	148,609	9	134,725	9	119,651	9	104,543	9	89,430		
1/4	1/4	180,933	1/4	172,827	1/4	164,698	1/4	156,569	1/4	148,439	1/4	134,412	1/4	119,337	1/4	104,229	1/4	89,115	1/4		
1/2	1/2	180,764	1/2	172,658	1/2	164,529	1/2	156,399	1/2	148,270	1/2	134,099	1/2	119,023	1/2	103,914	1/2	88,800	1/2		
3/4	3/4	180,595	3/4	172,489	3/4	164,359	3/4	156,230	3/4	148,101	3/4	133,786	3/4	118,708	3/4	103,599	3/4	88,485	3/4		
10		10	180,427	10	172,319	10	164,190	10	156,061	10	147,931	10	133,473	10	118,394	10	103,284	10	88,170		
1/4	1/4	180,258	1/4	172,150	1/4	164,021	1/4	155,891	1/4	147,762	1/4	133,161	1/4	118,080	1/4	102,969	1/4	87,855	1/4		
1/2	1/2	180,089	1/2	171,980	1/2	163,851	1/2	155,722	1/2	147,593	1/2	132,848	1/2	117,766	1/2	102,654	1/2	87,541	1/2		
3/4	3/4	179,920	3/4	171,811	3/4	163,682	3/4	155,553	3/4	147,423	3/4	132,535	3/4	117,451	3/4	102,339	3/4	87,226	3/4		
11		11	179,752	11	171,642	11	163,512	11	155,383	11	147,254	11	132,222	11	117,137	11	102,024	11	86,911		
1/4	1/4	179,583	1/4	171,472	1/4	163,343	1/4	155,214	1/4	146,940	1/4	131,908	1/4	116,822	1/4	101,710	1/4	86,596	1/4		
1/2	1/2	179,414	1/2	171,303	1/2	163,174	1/2	155,044	1/2	146,627	1/2	131,594	1/2	116,507	1/2	101,395	1/2	86,281	1/2		
3/4	3/4	179,245	3/4	171,134	3/4	163,004	3/4	154,875	3/4	146,313	3/4	131,279	3/4	116,192	3/4	101,080	3/4	85,966	3/4		

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 373"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/03/2013 CL
CALCULATED: 01/03/2013 CL
PRINTED: 01/04/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 373"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	184,975	0	177,913	0	169,830	0	161,730	0	153,629	0	144,953	0	129,948	0	114,898	0	99,816		
1/4	1/4	184,939	1/4	177,744	1/4	169,661	1/4	161,561	1/4	153,461	1/4	144,640	1/4	129,634	1/4	114,584	1/4	99,502	1/4		
1/2	1/2	184,903	1/2	177,576	1/2	169,492	1/2	161,392	1/2	153,292	1/2	144,327	1/2	129,321	1/2	114,270	1/2	99,187	1/2		
3/4	3/4	184,867	3/4	177,408	3/4	169,323	3/4	161,223	3/4	153,123	3/4	144,014	3/4	129,007	3/4	114,956	3/4	98,873	3/4		
1		1	184,831	1	177,240	1	169,155	1	161,055	1	152,954	1	143,701	1	128,693	1	113,641	1	98,559		
1/4	1/4	184,743	1/4	177,072	1/4	168,986	1/4	160,886	1/4	152,786	1/4	143,389	1/4	128,380	1/4	113,327	1/4	98,245	1/4		
1/2	1/2	184,656	1/2	176,904	1/2	168,817	1/2	160,717	1/2	152,617	1/2	143,076	1/2	128,067	1/2	113,013	1/2	97,930	1/2		
3/4	3/4	184,568	3/4	176,736	3/4	168,648	3/4	160,548	3/4	152,448	3/4	142,763	3/4	127,753	3/4	112,699	3/4	97,616	3/4		
2		2	184,480	2	176,567	2	168,480	2	160,380	2	152,279	2	142,450	2	127,440	2	112,385	2	97,302		
1/4	1/4	184,340	1/4	176,399	1/4	168,311	1/4	160,211	1/4	152,111	1/4	142,137	1/4	127,127	1/4	112,071	1/4	96,988	1/4		
1/2	1/2	184,199	1/2	176,231	1/2	168,142	1/2	160,042	1/2	151,942	1/2	141,824	1/2	126,813	1/2	111,756	1/2	96,673	1/2		
3/4	3/4	184,059	3/4	176,063	3/4	167,973	3/4	159,873	3/4	151,773	3/4	141,511	3/4	126,500	3/4	111,442	3/4	96,359	3/4		
3		3	183,919	3	175,895	3	167,805	3	159,705	3	151,604	3	141,199	3	126,187	3	111,128	3	96,045		
1/4	1/4	183,754	1/4	175,727	1/4	167,636	1/4	159,536	1/4	151,436	1/4	140,886	1/4	125,873	1/4	110,814	1/4	95,731	1/4		
1/2	1/2	183,589	1/2	175,559	1/2	167,467	1/2	159,367	1/2	151,267	1/2	140,573	1/2	125,560	1/2	110,500	1/2	95,416	1/2		
3/4	3/4	183,424	3/4	175,391	3/4	167,298	3/4	159,198	3/4	151,098	3/4	140,260	3/4	125,247	3/4	110,185	3/4	95,102	3/4		
4		4	183,259	4	175,222	4	167,130	4	159,030	4	150,929	4	139,947	4	124,933	4	109,871	4	94,788		
1/4	1/4	183,093	1/4	175,054	1/4	166,961	1/4	158,861	1/4	150,761	1/4	139,634	1/4	124,620	1/4	109,557	1/4	94,474	1/4		
1/2	1/2	182,927	1/2	174,886	1/2	166,792	1/2	158,692	1/2	150,592	1/2	139,321	1/2	124,307	1/2	109,243	1/2	94,159	1/2		
3/4	3/4	182,761	3/4	174,718	3/4	166,623	3/4	158,523	3/4	150,423	3/4	139,009	3/4	123,993	3/4	108,929	3/4	93,845	3/4		
5		5	182,594	5	174,550	5	166,455	5	158,355	5	150,254	5	138,696	5	123,680	5	108,614	5	93,531		
1/4	1/4	182,428	1/4	174,382	1/4	166,286	1/4	158,186	1/4	150,086	1/4	138,383	1/4	123,367	1/4	108,300	1/4	93,217	1/4		
1/2	1/2	182,262	1/2	174,214	1/2	166,117	1/2	158,017	1/2	149,917	1/2	138,071	1/2	123,054	1/2	107,986	1/2	92,902	1/2		
3/4	3/4	182,095	3/4	174,045	3/4	165,948	3/4	157,848	3/4	149,748	3/4	137,759	3/4	122,740	3/4	107,672	3/4	92,588	3/4		
6		6	181,929	6	173,877	6	165,780	6	157,680	6	149,579	6	137,447	6	122,427	6	107,358	6	92,274		
1/4	1/4	181,762	1/4	173,709	1/4	165,611	1/4	157,511	1/4	149,411	1/4	137,135	1/4	122,114	1/4	107,043	1/4	91,960	1/4		
1/2	1/2	181,596	1/2	173,541	1/2	165,442	1/2	157,342	1/2	149,242	1/2	136,822	1/2	121,800	1/2	106,729	1/2	91,645	1/2		
3/4	3/4	181,429	3/4	173,373	3/4	165,273	3/4	157,173	3/4	149,073	3/4	136,510	3/4	121,487	3/4	106,415	3/4	91,331	3/4		
7		7	181,262	7	173,205	7	165,105	7	157,004	7	148,904	7	136,198	7	121,174	7	106,101	7	91,017		
1/4	1/4	181,096	1/4	173,036	1/4	164,936	1/4	156,836	1/4	148,736	1/4	135,886	1/4	120,860	1/4	105,786	1/4	90,703	1/4		
1/2	1/2	180,929	1/2	172,867	1/2	164,767	1/2	156,667	1/2	148,567	1/2	135,574	1/2	120,546	1/2	105,472	1/2	90,389	1/2		
3/4	3/4	180,763	3/4	172,698	3/4	164,598	3/4	156,498	3/4	148,398	3/4	135,261	3/4	120,233	3/4	105,158	3/4	90,074	3/4		
8		8	180,596	8	172,530	8	164,430	8	156,329	8	148,229	8	134,949	8	119,919	8	104,844	8	89,760		
1/4	1/4	180,430	1/4	172,361	1/4	164,261	1/4	156,161	1/4	148,061	1/4	134,637	1/4	119,605	1/4	104,529	1/4	89,446	1/4		
1/2	1/2	180,263	1/2	172,192	1/2	164,092	1/2	155,992	1/2	147,892	1/2	134,325	1/2	119,292	1/2	104,215	1/2	89,132	1/2		
3/4	3/4	180,097	3/4	172,023	3/4	163,923	3/4	155,823	3/4	147,723	3/4	134,013	3/4	118,978	3/4	103,901	3/4	88,817	3/4		
9		9	179,930	9	171,855	9	163,755	9	155,654	9	147,554	9	133,700	9	118,664	9	103,587	9	88,503		
1/4	1/4	179,762	1/4	171,686	1/4	163,586	1/4	155,486	1/4	147,386	1/4	133,388	1/4	118,351	1/4	103,272	1/4	88,189	1/4		
1/2	1/2	179,594	1/2	171,517	1/2	163,417	1/2	155,317	1/2	147,217	1/2	133,076	1/2	118,037	1/2	102,958	1/2	87,875	1/2		
3/4	3/4	179,426	3/4	171,348	3/4	163,248	3/4	155,148	3/4	147,048	3/4	132,764	3/4	117,723	3/4	102,644	3/4	87,560	3/4		
10		10	179,258	10	171,180	10	163,080	10	154,979	10	146,879	10	132,451	10	117,410	10	102,330	10	87,246		
1/4	1/4	179,090	1/4	171,011	1/4	162,911	1/4	154,811	1/4	146,711	1/4	132,139	1/4	117,096	1/4	102,015	1/4	86,932	1/4		
1/2	1/2	178,921	1/2	170,842	1/2	162,742	1/2	154,642	1/2	146,542	1/2	131,827	1/2	116,782	1/2	101,701	1/2	86,618	1/2		
3/4	3/4	178,753	3/4	170,673	3/4	162,573	3/4	154,473	3/4	146,373	3/4	131,515	3/4	116,469	3/4	101,387	3/4	86,303	3/4		
11		11	178,585	11	170,505	11	162,405	11	154,304	11	146,204	11	131,203	11	116,155	11	101,073	11	85,989		
1/4	1/4	178,417	1/4	170,336	1/4	162,236	1/4	154,136	1/4	145,892	1/4	130,889	1/4	115,841	1/4	100,758	1/4	85,675	1/4		
1/2	1/2	178,249	1/2	170,167	1/2	162,067	1/2	153,967	1/2	145,579	1/2	130,575	1/2	115,527	1/2	100,444	1/2	85,361	1/2		
3/4	3/4	178,081	3/4	169,998	3/4	161,898	3/4	153,798	3/4	145,266	3/4	130,262	3/4	115,212	3/4	100,130	3/4	85,046	3/4		

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'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 373"

3 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	84,732	0	69,645	0	54,620	0	39,984	0	25,158	0	10,066	0		0		0		0	
1/4	84,418	1/4	69,331	1/4	54,308	1/4	39,683	1/4	24,843	1/4	9,752	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,104	1/2	69,016	1/2	53,997	1/2	39,383	1/2	24,529	1/2	9,438	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,789	3/4	68,702	3/4	53,685	3/4	39,083	3/4	24,214	3/4	9,123	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	83,475	1	68,388	1	53,373	1	38,783	1	23,900	1	8,809	1	1	1	1	1	1	1	1
1/4	83,161	1/4	68,073	1/4	53,061	1/4	38,482	1/4	23,586	1/4	8,494	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,846	1/2	67,759	1/2	52,750	1/2	38,182	1/2	23,271	1/2	8,180	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,532	3/4	67,445	3/4	52,438	3/4	37,882	3/4	22,957	3/4	7,866	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,218	2	67,130	2	52,126	2	37,581	2	22,642	2	7,551	2	2	2	2	2	2	2	2
1/4	81,903	1/4	66,816	1/4	51,815	1/4	37,280	1/4	22,328	1/4	7,237	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,589	1/2	66,502	1/2	51,504	1/2	36,979	1/2	22,014	1/2	6,922	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,275	3/4	66,187	3/4	51,193	3/4	36,677	3/4	21,699	3/4	6,608	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	80,960	3	65,873	3	50,882	3	36,376	3	21,385	3	6,294	3	3	3	3	3	3	3	3
1/4	80,646	1/4	65,559	1/4	50,571	1/4	36,075	1/4	21,070	1/4	5,980	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,332	1/2	65,245	1/2	50,260	1/2	35,774	1/2	20,756	1/2	5,665	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,017	3/4	64,930	3/4	49,949	3/4	35,472	3/4	20,442	3/4	5,351	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	79,703	4	64,616	4	49,638	4	35,171	4	20,127	4	5,037	4	4	4	4	4	4	4	4
1/4	79,389	1/4	64,302	1/4	49,326	1/4	34,868	1/4	19,813	1/4	4,724	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,074	1/2	63,987	1/2	49,014	1/2	34,566	1/2	19,498	1/2	4,411	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,760	3/4	63,673	3/4	48,702	3/4	34,263	3/4	19,184	3/4	4,098	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	78,446	5	63,359	5	48,390	5	33,961	5	18,870	5	3,785	5	5	5	5	5	5	5	5
1/4	78,132	1/4	63,044	1/4	48,080	1/4	33,647	1/4	18,555	1/4	3,477	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,817	1/2	62,730	1/2	47,789	1/2	33,332	1/2	18,241	1/2	3,210	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,503	3/4	62,416	3/4	47,489	3/4	33,018	3/4	17,926	3/4	2,922	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,189	6	62,101	6	47,189	6	32,703	6	17,612	6	2,635	6	6	6	6	6	6	6	6
1/4	76,874	1/4	61,790	1/4	46,889	1/4	32,389	1/4	17,298	1/4	2,399	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,560	1/2	61,478	1/2	46,589	1/2	32,075	1/2	16,983	1/2	2,163	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,246	3/4	61,166	3/4	46,288	3/4	31,760	3/4	16,669	3/4	1,927	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	75,931	7	60,854	7	45,988	7	31,446	7	16,354	7	1,692	7	7	7	7	7	7	7	7
1/4	75,617	1/4	60,543	1/4	45,688	1/4	31,131	1/4	16,040	1/4	1,508	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,303	1/2	60,231	1/2	45,388	1/2	30,817	1/2	15,726	1/2	1,325	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,988	3/4	59,919	3/4	45,087	3/4	30,503	3/4	15,411	3/4	1,141	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	74,674	8	59,608	8	44,787	8	30,188	8	15,097	8	957	8	8	8	8	8	8	8	8
1/4	74,360	1/4	59,296	1/4	44,487	1/4	29,874	1/4	14,782	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,045	1/2	58,984	1/2	44,187	1/2	29,559	1/2	14,468	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,731	3/4	58,672	3/4	43,887	3/4	29,245	3/4	14,154	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	73,417	9	58,361	9	43,586	9	28,931	9	13,839	9		9	9	9	9	9	9	9	9
1/4	73,102	1/4	58,049	1/4	43,286	1/4	28,616	1/4	13,525	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,788	1/2	57,737	1/2	42,986	1/2	28,302	1/2	13,210	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,474	3/4	57,426	3/4	42,686	3/4	27,987	3/4	12,896	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,160	10	57,114	10	42,385	10	27,673	10	12,582	10		10	10	10	10	10	10	10	10
1/4	71,845	1/4	56,802	1/4	42,085	1/4	27,359	1/4	12,267	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,531	1/2	56,490	1/2	41,785	1/2	27,044	1/2	11,953	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,217	3/4	56,179	3/4	41,485	3/4	26,730	3/4	11,638	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	70,902	11	55,867	11	41,184	11	26,415	11	11,324	11		11	11	11	11	11	11	11	11
1/4	70,588	1/4	55,555	1/4	40,884	1/4	26,101	1/4	11,010	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,274	1/2	55,243	1/2	40,584	1/2	25,787	1/2	10,695	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,959	3/4	54,932	3/4	40,284	3/4	25,472	3/4	10,381	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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