



BARGE "CBC 379"

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	00-0/8	- 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	00-3/8	- 00-3/8
1 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	00-3/8	- 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	00-3/8	- 00-3/8
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	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 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	- 01-5/8	01-5/8	- 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 = 4'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

March 12, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 379"

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	965	0	15,237	0	30,470	0	45,693	0	60,917	0	76,150	0	91,384	0	106,618	0	121,847	0	137,076
1/4	1,150	1/4	15,554	1/4	30,788	1/4	46,010	1/4	61,234	1/4	76,468	1/4	91,702	1/4	106,935	1/4	122,165	1/4	137,393
1/2	1,335	1/2	15,872	1/2	31,105	1/2	46,327	1/2	61,551	1/2	76,785	1/2	92,019	1/2	107,253	1/2	122,482	1/2	137,710
3/4	1,520	3/4	16,189	3/4	31,422	3/4	46,644	3/4	61,869	3/4	77,103	3/4	92,336	3/4	107,570	3/4	122,799	3/4	138,027
1	1,705	1	16,507	1	31,740	1	46,961	1	62,186	1	77,420	1	92,654	1	107,887	1	123,116	1	138,345
1/4	1,943	1/4	16,824	1/4	32,057	1/4	47,278	1/4	62,504	1/4	77,737	1/4	92,971	1/4	108,205	1/4	123,434	1/4	138,662
1/2	2,181	1/2	17,141	1/2	32,374	1/2	47,594	1/2	62,821	1/2	78,055	1/2	93,288	1/2	108,522	1/2	123,751	1/2	138,979
3/4	2,419	3/4	17,459	3/4	32,692	3/4	47,911	3/4	63,138	3/4	78,372	3/4	93,606	3/4	108,840	3/4	124,068	3/4	139,296
2	2,657	2	17,776	2	33,009	2	48,228	2	63,456	2	78,689	2	93,923	2	109,157	2	124,385	2	139,614
1/4	2,948	1/4	18,093	1/4	33,326	1/4	48,545	1/4	63,773	1/4	79,007	1/4	94,241	1/4	109,474	1/4	124,703	1/4	139,931
1/2	3,239	1/2	18,411	1/2	33,644	1/2	48,862	1/2	64,090	1/2	79,324	1/2	94,558	1/2	109,792	1/2	125,020	1/2	140,248
3/4	3,529	3/4	18,728	3/4	33,961	3/4	49,179	3/4	64,408	3/4	79,642	3/4	94,875	3/4	110,109	3/4	125,337	3/4	140,565
3	3,820	3	19,045	3	34,279	3	49,496	3	64,725	3	79,959	3	95,193	3	110,426	3	125,655	3	140,883
1/4	4,136	1/4	19,363	1/4	34,596	1/4	49,812	1/4	65,043	1/4	80,276	1/4	95,510	1/4	110,744	1/4	125,972	1/4	141,200
1/2	4,452	1/2	19,680	1/2	34,913	1/2	50,129	1/2	65,360	1/2	80,594	1/2	95,827	1/2	111,061	1/2	126,289	1/2	141,517
3/4	4,768	3/4	19,997	3/4	35,231	3/4	50,446	3/4	65,677	3/4	80,911	3/4	96,145	3/4	111,378	3/4	126,606	3/4	141,834
4	5,084	4	20,315	4	35,548	4	50,763	4	65,995	4	81,228	4	96,462	4	111,695	4	126,924	4	142,152
1/4	5,401	1/4	20,632	1/4	35,865	1/4	51,080	1/4	66,312	1/4	81,546	1/4	96,779	1/4	112,013	1/4	127,241	1/4	142,469
1/2	5,717	1/2	20,950	1/2	36,183	1/2	51,397	1/2	66,629	1/2	81,863	1/2	97,097	1/2	112,330	1/2	127,558	1/2	142,786
3/4	6,034	3/4	21,267	3/4	36,500	3/4	51,714	3/4	66,947	3/4	82,180	3/4	97,414	3/4	112,647	3/4	127,875	3/4	143,103
5	6,351	5	21,584	5	36,817	5	52,030	5	67,264	5	82,498	5	97,732	5	112,964	5	128,193	5	143,421
1/4	6,669	1/4	21,902	1/4	37,135	1/4	52,348	1/4	67,581	1/4	82,815	1/4	98,049	1/4	113,282	1/4	128,510	1/4	143,738
1/2	6,986	1/2	22,219	1/2	37,452	1/2	52,665	1/2	67,899	1/2	83,133	1/2	98,366	1/2	113,599	1/2	128,827	1/2	144,055
3/4	7,303	3/4	22,536	3/4	37,769	3/4	52,982	3/4	68,216	3/4	83,450	3/4	98,684	3/4	113,916	3/4	129,144	3/4	144,372
6	7,621	6	22,854	6	38,087	6	53,300	6	68,534	6	83,767	6	99,001	6	114,233	6	129,462	6	144,690
1/4	7,938	1/4	23,171	1/4	38,404	1/4	53,617	1/4	68,851	1/4	84,085	1/4	99,318	1/4	114,551	1/4	129,779	1/4	145,007
1/2	8,255	1/2	23,488	1/2	38,722	1/2	53,935	1/2	69,168	1/2	84,402	1/2	99,636	1/2	114,868	1/2	130,096	1/2	145,324
3/4	8,573	3/4	23,806	3/4	39,039	3/4	54,252	3/4	69,486	3/4	84,719	3/4	99,953	3/4	115,185	3/4	130,413	3/4	145,641
7	8,890	7	24,123	7	39,356	7	54,569	7	69,803	7	85,037	7	100,271	7	115,502	7	130,731	7	145,959
1/4	9,207	1/4	24,440	1/4	39,673	1/4	54,887	1/4	70,120	1/4	85,354	1/4	100,588	1/4	115,820	1/4	131,048	1/4	146,276
1/2	9,525	1/2	24,758	1/2	39,990	1/2	55,204	1/2	70,438	1/2	85,672	1/2	100,905	1/2	116,137	1/2	131,365	1/2	146,593
3/4	9,842	3/4	25,075	3/4	40,307	3/4	55,521	3/4	70,755	3/4	85,989	3/4	101,223	3/4	116,454	3/4	131,682	3/4	146,910
8	10,159	8	25,393	8	40,624	8	55,839	8	71,073	8	86,306	8	101,540	8	116,771	8	132,000	8	147,228
1/4	10,477	1/4	25,710	1/4	40,940	1/4	56,156	1/4	71,390	1/4	86,624	1/4	101,857	1/4	117,089	1/4	132,317	1/4	147,545
1/2	10,794	1/2	26,027	1/2	41,257	1/2	56,474	1/2	71,707	1/2	86,941	1/2	102,175	1/2	117,406	1/2	132,634	1/2	147,862
3/4	11,111	3/4	26,345	3/4	41,574	3/4	56,791	3/4	72,025	3/4	87,258	3/4	102,492	3/4	117,723	3/4	132,951	3/4	148,179
9	11,429	9	26,662	9	41,891	9	57,108	9	72,342	9	87,576	9	102,809	9	118,040	9	133,269	9	148,497
1/4	11,746	1/4	26,979	1/4	42,208	1/4	57,426	1/4	72,659	1/4	87,893	1/4	103,127	1/4	118,358	1/4	133,586	1/4	148,814
1/2	12,064	1/2	27,297	1/2	42,525	1/2	57,743	1/2	72,977	1/2	88,210	1/2	103,444	1/2	118,675	1/2	133,903	1/2	149,131
3/4	12,381	3/4	27,614	3/4	42,842	3/4	58,060	3/4	73,294	3/4	88,528	3/4	103,762	3/4	118,992	3/4	134,220	3/4	149,448
10	12,698	10	27,931	10	43,158	10	58,378	10	73,611	10	88,845	10	104,079	10	119,309	10	134,538	10	149,766
1/4	13,016	1/4	28,249	1/4	43,475	1/4	58,695	1/4	73,929	1/4	89,163	1/4	104,396	1/4	119,627	1/4	134,855	1/4	150,083
1/2	13,333	1/2	28,566	1/2	43,792	1/2	59,012	1/2	74,246	1/2	89,480	1/2	104,714	1/2	119,944	1/2	135,172	1/2	150,400
3/4	13,650	3/4	28,883	3/4	44,109	3/4	59,330	3/4	74,564	3/4	89,797	3/4	105,031	3/4	120,261	3/4	135,489	3/4	150,717
11	13,968	11	29,201	11	44,426	11	59,647	11	74,881	11	90,115	11	105,348	11	120,578	11	135,807	11	151,035
1/4	14,285	1/4	29,518	1/4	44,743	1/4	59,965	1/4	75,198	1/4	90,432	1/4	105,666	1/4	120,896	1/4	136,124	1/4	151,352
1/2	14,602	1/2	29,836	1/2	45,060	1/2	60,282	1/2	75,516	1/2	90,749	1/2	105,983	1/2	121,213	1/2	136,441	1/2	151,669
3/4	14,920	3/4	30,153	3/4	45,376	3/4	60,599	3/4	75,833	3/4	91,067	3/4	106,301	3/4	121,530	3/4	136,758	3/4	151,987

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 379"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,304	0	167,532	0	182,760	0	197,988	0	213,152	0		0		0		0		0	
1/4	152,621	1/4	167,849	1/4	183,077	1/4	198,305	1/4	213,465	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,938	1/2	168,166	1/2	183,395	1/2	198,623	1/2	213,778	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,256	3/4	168,484	3/4	183,712	3/4	198,940	3/4	214,091	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,573	1	168,801	1	184,029	1	199,257	1	214,404	1	1	1	1	1	1	1	1	1	1
1/4	153,890	1/4	169,118	1/4	184,346	1/4	199,573	1/4	214,717	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,207	1/2	169,435	1/2	184,664	1/2	199,889	1/2	215,030	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,525	3/4	169,753	3/4	184,981	3/4	200,205	3/4	215,344	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,842	2	170,070	2	185,298	2	200,521	2	215,657	2	2	2	2	2	2	2	2	2	2
1/4	155,159	1/4	170,387	1/4	185,615	1/4	200,837	1/4	215,970	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,476	1/2	170,704	1/2	185,933	1/2	201,153	1/2	216,283	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,794	3/4	171,022	3/4	186,250	3/4	201,469	3/4	216,596	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	156,111	3	171,339	3	186,567	3	201,785	3	216,909	3	3	3	3	3	3	3	3	3	3
1/4	156,428	1/4	171,656	1/4	186,884	1/4	202,101	1/4	217,222	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,745	1/2	171,973	1/2	187,202	1/2	202,418	1/2	217,534	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,063	3/4	172,291	3/4	187,519	3/4	202,734	3/4	217,847	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,380	4	172,608	4	187,836	4	203,050	4	218,160	4	4	4	4	4	4	4	4	4	4
1/4	157,697	1/4	172,925	1/4	188,153	1/4	203,366	1/4	218,471	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,014	1/2	173,242	1/2	188,471	1/2	203,682	1/2	218,783	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,332	3/4	173,560	3/4	188,788	3/4	203,998	3/4	219,095	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,649	5	173,877	5	189,105	5	204,314	5	219,406	5	5	5	5	5	5	5	5	5	5
1/4	158,966	1/4	174,194	1/4	189,422	1/4	204,630	1/4	219,693	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,283	1/2	174,511	1/2	189,740	1/2	204,946	1/2	219,979	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,601	3/4	174,829	3/4	190,057	3/4	205,262	3/4	220,266	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,918	6	175,146	6	190,374	6	205,578	6	220,552	6	6	6	6	6	6	6	6	6	6
1/4	160,235	1/4	175,463	1/4	190,691	1/4	205,894	1/4	220,786	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,552	1/2	175,780	1/2	191,009	1/2	206,210	1/2	221,020	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,870	3/4	176,098	3/4	191,326	3/4	206,526	3/4	221,254	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,187	7	176,415	7	191,643	7	206,842	7	221,487	7	7	7	7	7	7	7	7	7	7
1/4	161,504	1/4	176,732	1/4	191,960	1/4	207,158	1/4	221,670	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,821	1/2	177,049	1/2	192,278	1/2	207,474	1/2	221,852	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,139	3/4	177,367	3/4	192,595	3/4	207,790	3/4	222,034	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,456	8	177,684	8	192,912	8	208,106	8	222,216	8	8	8	8	8	8	8	8	8	8
1/4	162,773	1/4	178,001	1/4	193,229	1/4	208,422	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,090	1/2	178,319	1/2	193,547	1/2	208,738	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,408	3/4	178,636	3/4	193,864	3/4	209,054	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,725	9	178,953	9	194,181	9	209,370	9		9	9	9	9	9	9	9	9	9	9
1/4	164,042	1/4	179,270	1/4	194,498	1/4	209,686	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,359	1/2	179,588	1/2	194,816	1/2	210,002	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,677	3/4	179,905	3/4	195,133	3/4	210,319	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,994	10	180,222	10	195,450	10	210,635	10		10	10	10	10	10	10	10	10	10	10
1/4	165,311	1/4	180,539	1/4	195,767	1/4	210,951	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,628	1/2	180,857	1/2	196,085	1/2	211,267	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,946	3/4	181,174	3/4	196,402	3/4	211,583	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,263	11	181,491	11	196,719	11	211,899	11		11	11	11	11	11	11	11	11	11	11
1/4	166,580	1/4	181,808	1/4	197,036	1/4	212,212	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,897	1/2	182,126	1/2	197,354	1/2	212,525	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,215	3/4	182,443	3/4	197,671	3/4	212,839	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 379"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	965	0	15,237	0	30,470	0	45,653	0	60,837	0	76,071	0	91,304	0	106,538	0	121,768	0	136,996
1/4	1,150	1/4	15,554	1/4	30,788	1/4	45,969	1/4	61,154	1/4	76,388	1/4	91,622	1/4	106,856	1/4	122,085	1/4	137,313
1/2	1,335	1/2	15,872	1/2	31,105	1/2	46,284	1/2	61,472	1/2	76,705	1/2	91,939	1/2	107,173	1/2	122,402	1/2	137,630
3/4	1,520	3/4	16,189	3/4	31,422	3/4	46,599	3/4	61,789	3/4	77,023	3/4	92,257	3/4	107,490	3/4	122,719	3/4	137,948
1	1,705	1	16,507	1	31,740	1	46,914	1	62,106	1	77,340	1	92,574	1	107,808	1	123,037	1	138,265
1/4	1,943	1/4	16,824	1/4	32,057	1/4	47,229	1/4	62,424	1/4	77,658	1/4	92,891	1/4	108,125	1/4	123,354	1/4	138,582
1/2	2,181	1/2	17,141	1/2	32,374	1/2	47,545	1/2	62,741	1/2	77,975	1/2	93,209	1/2	108,442	1/2	123,671	1/2	138,899
3/4	2,419	3/4	17,459	3/4	32,692	3/4	47,860	3/4	63,059	3/4	78,292	3/4	93,526	3/4	108,760	3/4	123,988	3/4	139,217
2	2,657	2	17,776	2	33,009	2	48,175	2	63,376	2	78,610	2	93,843	2	109,077	2	124,306	2	139,534
1/4	2,948	1/4	18,093	1/4	33,326	1/4	48,490	1/4	63,693	1/4	78,927	1/4	94,161	1/4	109,395	1/4	124,623	1/4	139,851
1/2	3,239	1/2	18,411	1/2	33,644	1/2	48,805	1/2	64,011	1/2	79,244	1/2	94,478	1/2	109,712	1/2	124,940	1/2	140,168
3/4	3,529	3/4	18,728	3/4	33,961	3/4	49,121	3/4	64,328	3/4	79,562	3/4	94,796	3/4	110,029	3/4	125,258	3/4	140,486
3	3,820	3	19,045	3	34,279	3	49,436	3	64,645	3	79,879	3	95,113	3	110,347	3	125,575	3	140,803
1/4	4,136	1/4	19,363	1/4	34,596	1/4	49,751	1/4	64,963	1/4	80,197	1/4	95,430	1/4	110,664	1/4	125,892	1/4	141,120
1/2	4,452	1/2	19,680	1/2	34,913	1/2	50,066	1/2	65,280	1/2	80,514	1/2	95,748	1/2	110,981	1/2	126,209	1/2	141,437
3/4	4,768	3/4	19,997	3/4	35,231	3/4	50,381	3/4	65,598	3/4	80,831	3/4	96,065	3/4	111,298	3/4	126,527	3/4	141,755
4	5,084	4	20,315	4	35,548	4	50,696	4	65,915	4	81,149	4	96,382	4	111,616	4	126,844	4	142,072
1/4	5,401	1/4	20,632	1/4	35,865	1/4	51,012	1/4	66,232	1/4	81,466	1/4	96,700	1/4	111,933	1/4	127,161	1/4	142,389
1/2	5,717	1/2	20,950	1/2	36,183	1/2	51,327	1/2	66,550	1/2	81,783	1/2	97,017	1/2	112,250	1/2	127,478	1/2	142,706
3/4	6,034	3/4	21,267	3/4	36,500	3/4	51,642	3/4	66,867	3/4	82,101	3/4	97,334	3/4	112,567	3/4	127,796	3/4	143,024
5	6,351	5	21,584	5	36,817	5	51,957	5	67,184	5	82,418	5	97,652	5	112,885	5	128,113	5	143,341
1/4	6,669	1/4	21,902	1/4	37,135	1/4	52,273	1/4	67,502	1/4	82,735	1/4	97,969	1/4	113,202	1/4	128,430	1/4	143,658
1/2	6,986	1/2	22,219	1/2	37,452	1/2	52,589	1/2	67,819	1/2	83,053	1/2	98,287	1/2	113,519	1/2	128,747	1/2	143,975
3/4	7,303	3/4	22,536	3/4	37,769	3/4	52,904	3/4	68,136	3/4	83,370	3/4	98,604	3/4	113,836	3/4	129,065	3/4	144,293
6	7,621	6	22,854	6	38,087	6	53,220	6	68,454	6	83,688	6	98,921	6	114,154	6	129,382	6	144,610
1/4	7,938	1/4	23,171	1/4	38,402	1/4	53,537	1/4	68,771	1/4	84,005	1/4	99,239	1/4	114,471	1/4	129,699	1/4	144,927
1/2	8,255	1/2	23,488	1/2	38,718	1/2	53,855	1/2	69,089	1/2	84,322	1/2	99,556	1/2	114,788	1/2	130,016	1/2	145,244
3/4	8,573	3/4	23,806	3/4	39,034	3/4	54,172	3/4	69,406	3/4	84,640	3/4	99,873	3/4	115,105	3/4	130,334	3/4	145,562
7	8,890	7	24,123	7	39,350	7	54,490	7	69,723	7	84,957	7	100,191	7	115,423	7	130,651	7	145,879
1/4	9,207	1/4	24,440	1/4	39,665	1/4	54,807	1/4	70,041	1/4	85,274	1/4	100,508	1/4	115,740	1/4	130,968	1/4	146,196
1/2	9,525	1/2	24,758	1/2	39,980	1/2	55,124	1/2	70,358	1/2	85,592	1/2	100,826	1/2	116,057	1/2	131,285	1/2	146,513
3/4	9,842	3/4	25,075	3/4	40,295	3/4	55,442	3/4	70,675	3/4	85,909	3/4	101,143	3/4	116,374	3/4	131,603	3/4	146,831
8	10,159	8	25,393	8	40,610	8	55,759	8	70,993	8	86,227	8	101,460	8	116,692	8	131,920	8	147,148
1/4	10,477	1/4	25,710	1/4	40,926	1/4	56,076	1/4	71,310	1/4	86,544	1/4	101,778	1/4	117,009	1/4	132,237	1/4	147,465
1/2	10,794	1/2	26,027	1/2	41,241	1/2	56,394	1/2	71,628	1/2	86,861	1/2	102,095	1/2	117,326	1/2	132,554	1/2	147,782
3/4	11,111	3/4	26,345	3/4	41,556	3/4	56,711	3/4	71,945	3/4	87,179	3/4	102,412	3/4	117,643	3/4	132,872	3/4	148,100
9	11,429	9	26,662	9	41,871	9	57,029	9	72,262	9	87,496	9	102,730	9	117,961	9	133,189	9	148,417
1/4	11,746	1/4	26,979	1/4	42,186	1/4	57,346	1/4	72,580	1/4	87,813	1/4	103,047	1/4	118,278	1/4	133,506	1/4	148,734
1/2	12,064	1/2	27,297	1/2	42,501	1/2	57,663	1/2	72,897	1/2	88,131	1/2	103,364	1/2	118,595	1/2	133,823	1/2	149,051
3/4	12,381	3/4	27,614	3/4	42,817	3/4	57,981	3/4	73,214	3/4	88,448	3/4	103,682	3/4	118,912	3/4	134,141	3/4	149,369
10	12,698	10	27,931	10	43,132	10	58,298	10	73,532	10	88,765	10	103,999	10	119,230	10	134,458	10	149,686
1/4	13,016	1/4	28,249	1/4	43,447	1/4	58,615	1/4	73,849	1/4	89,083	1/4	104,317	1/4	119,547	1/4	134,775	1/4	150,003
1/2	13,333	1/2	28,566	1/2	43,762	1/2	58,933	1/2	74,166	1/2	89,400	1/2	104,634	1/2	119,864	1/2	135,092	1/2	150,320
3/4	13,650	3/4	28,883	3/4	44,077	3/4	59,250	3/4	74,484	3/4	89,718	3/4	104,951	3/4	120,181	3/4	135,410	3/4	150,638
11	13,968	11	29,201	11	44,393	11	59,567	11	74,801	11	90,035	11	105,269	11	120,499	11	135,727	11	150,955
1/4	14,285	1/4	29,518	1/4	44,708	1/4	59,885	1/4	75,119	1/4	90,352	1/4	105,586	1/4	120,816	1/4	136,044	1/4	151,272
1/2	14,602	1/2	29,836	1/2	45,023	1/2	60,202	1/2	75,436	1/2	90,670	1/2	105,903	1/2	121,133	1/2	136,361	1/2	151,589
3/4	14,920	3/4	30,153	3/4	45,338	3/4	60,520	3/4	75,753	3/4	90,987	3/4	106,221	3/4	121,450	3/4	136,679	3/4	151,907

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 379"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,224	0	167,452	0	182,680	0	197,908	0	213,072	0		0		0		0		0	
1/4	152,541	1/4	167,769	1/4	182,998	1/4	198,226	1/4	213,385	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,859	1/2	168,087	1/2	183,315	1/2	198,543	1/2	213,698	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,176	3/4	168,404	3/4	183,632	3/4	198,860	3/4	214,011	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,493	1	168,721	1	183,949	1	199,177	1	214,324	1	1	1	1	1	1	1	1	1	1
1/4	153,810	1/4	169,038	1/4	184,267	1/4	199,493	1/4	214,637	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,128	1/2	169,356	1/2	184,584	1/2	199,809	1/2	214,951	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,445	3/4	169,673	3/4	184,901	3/4	200,125	3/4	215,264	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,762	2	169,990	2	185,218	2	200,442	2	215,577	2	2	2	2	2	2	2	2	2	2
1/4	155,079	1/4	170,307	1/4	185,536	1/4	200,758	1/4	215,890	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,397	1/2	170,625	1/2	185,853	1/2	201,074	1/2	216,203	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,714	3/4	170,942	3/4	186,170	3/4	201,390	3/4	216,516	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	156,031	3	171,259	3	186,487	3	201,706	3	216,829	3	3	3	3	3	3	3	3	3	3
1/4	156,348	1/4	171,576	1/4	186,805	1/4	202,022	1/4	217,142	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,666	1/2	171,894	1/2	187,122	1/2	202,338	1/2	217,454	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,983	3/4	172,211	3/4	187,439	3/4	202,654	3/4	217,767	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,300	4	172,528	4	187,756	4	202,970	4	218,080	4	4	4	4	4	4	4	4	4	4
1/4	157,617	1/4	172,845	1/4	188,074	1/4	203,286	1/4	218,391	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,935	1/2	173,163	1/2	188,391	1/2	203,602	1/2	218,703	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,252	3/4	173,480	3/4	188,708	3/4	203,918	3/4	219,015	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,569	5	173,797	5	189,025	5	204,234	5	219,326	5	5	5	5	5	5	5	5	5	5
1/4	158,886	1/4	174,114	1/4	189,343	1/4	204,550	1/4	219,613	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,204	1/2	174,432	1/2	189,660	1/2	204,866	1/2	219,899	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,521	3/4	174,749	3/4	189,977	3/4	205,182	3/4	220,186	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,838	6	175,066	6	190,294	6	205,498	6	220,473	6	6	6	6	6	6	6	6	6	6
1/4	160,155	1/4	175,383	1/4	190,612	1/4	205,814	1/4	220,706	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,473	1/2	175,701	1/2	190,929	1/2	206,130	1/2	220,940	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,790	3/4	176,018	3/4	191,246	3/4	206,446	3/4	221,174	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,107	7	176,335	7	191,563	7	206,762	7	221,408	7	7	7	7	7	7	7	7	7	7
1/4	161,424	1/4	176,652	1/4	191,881	1/4	207,078	1/4	221,590	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,742	1/2	176,970	1/2	192,198	1/2	207,394	1/2	221,772	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,059	3/4	177,287	3/4	192,515	3/4	207,710	3/4	221,954	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,376	8	177,604	8	192,832	8	208,026	8	222,136	8	8	8	8	8	8	8	8	8	8
1/4	162,693	1/4	177,921	1/4	193,150	1/4	208,342	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,011	1/2	178,239	1/2	193,467	1/2	208,658	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,328	3/4	178,556	3/4	193,784	3/4	208,974	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,645	9	178,873	9	194,101	9	209,290	9		9	9	9	9	9	9	9	9	9	9
1/4	163,962	1/4	179,190	1/4	194,419	1/4	209,606	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,280	1/2	179,508	1/2	194,736	1/2	209,923	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,597	3/4	179,825	3/4	195,053	3/4	210,239	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,914	10	180,142	10	195,370	10	210,555	10		10	10	10	10	10	10	10	10	10	10
1/4	165,231	1/4	180,459	1/4	195,688	1/4	210,871	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,549	1/2	180,777	1/2	196,005	1/2	211,187	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,866	3/4	181,094	3/4	196,322	3/4	211,503	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,183	11	181,411	11	196,639	11	211,819	11		11	11	11	11	11	11	11	11	11	11
1/4	166,500	1/4	181,729	1/4	196,957	1/4	212,132	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,818	1/2	182,046	1/2	197,274	1/2	212,446	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,135	3/4	182,363	3/4	197,591	3/4	212,759	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

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



BARGE "CBC 379"

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	15,186	0	30,368	0	45,540	0	60,712	0	75,895	0	91,077	0	106,260	0	121,438	0	136,615
1/4	1,146	1/4	15,502	1/4	30,684	1/4	45,856	1/4	61,029	1/4	76,211	1/4	91,394	1/4	106,576	1/4	121,755	1/4	136,932
1/2	1,330	1/2	15,819	1/2	31,001	1/2	46,171	1/2	61,345	1/2	76,527	1/2	91,710	1/2	106,893	1/2	122,071	1/2	137,248
3/4	1,515	3/4	16,135	3/4	31,317	3/4	46,487	3/4	61,661	3/4	76,844	3/4	92,026	3/4	107,209	3/4	122,387	3/4	137,564
1	1,699	1	16,451	1	31,633	1	46,803	1	61,977	1	77,160	1	92,343	1	107,525	1	122,703	1	137,880
1/4	1,936	1/4	16,767	1/4	31,949	1/4	47,119	1/4	62,294	1/4	77,476	1/4	92,659	1/4	107,842	1/4	123,019	1/4	138,196
1/2	2,174	1/2	17,084	1/2	32,266	1/2	47,435	1/2	62,610	1/2	77,793	1/2	92,975	1/2	108,158	1/2	123,336	1/2	138,513
3/4	2,411	3/4	17,400	3/4	32,582	3/4	47,750	3/4	62,926	3/4	78,109	3/4	93,292	3/4	108,474	3/4	123,652	3/4	138,829
2	2,648	2	17,716	2	32,898	2	48,066	2	63,243	2	78,425	2	93,608	2	108,790	2	123,968	2	139,145
1/4	2,938	1/4	18,033	1/4	33,215	1/4	48,382	1/4	63,559	1/4	78,742	1/4	93,924	1/4	109,107	1/4	124,284	1/4	139,461
1/2	3,228	1/2	18,349	1/2	33,531	1/2	48,698	1/2	63,875	1/2	79,058	1/2	94,240	1/2	109,423	1/2	124,600	1/2	139,777
3/4	3,518	3/4	18,665	3/4	33,847	3/4	49,014	3/4	64,192	3/4	79,374	3/4	94,557	3/4	109,739	3/4	124,917	3/4	140,094
3	3,807	3	18,981	3	34,163	3	49,329	3	64,508	3	79,690	3	94,873	3	110,056	3	125,233	3	140,410
1/4	4,122	1/4	19,298	1/4	34,480	1/4	49,645	1/4	64,824	1/4	80,007	1/4	95,189	1/4	110,372	1/4	125,549	1/4	140,726
1/2	4,437	1/2	19,614	1/2	34,796	1/2	49,961	1/2	65,140	1/2	80,323	1/2	95,506	1/2	110,688	1/2	125,865	1/2	141,042
3/4	4,752	3/4	19,930	3/4	35,112	3/4	50,277	3/4	65,457	3/4	80,639	3/4	95,822	3/4	111,004	3/4	126,181	3/4	141,358
4	5,067	4	20,247	4	35,429	4	50,593	4	65,773	4	80,956	4	96,138	4	111,320	4	126,497	4	141,674
1/4	5,382	1/4	20,563	1/4	35,745	1/4	50,908	1/4	66,089	1/4	81,272	1/4	96,455	1/4	111,637	1/4	126,814	1/4	141,991
1/2	5,698	1/2	20,879	1/2	36,061	1/2	51,224	1/2	66,406	1/2	81,588	1/2	96,771	1/2	111,953	1/2	127,130	1/2	142,307
3/4	6,014	3/4	21,196	3/4	36,378	3/4	51,540	3/4	66,722	3/4	81,905	3/4	97,087	3/4	112,269	3/4	127,446	3/4	142,623
5	6,330	5	21,512	5	36,694	5	51,856	5	67,038	5	82,221	5	97,404	5	112,585	5	127,762	5	142,939
1/4	6,646	1/4	21,828	1/4	37,010	1/4	52,172	1/4	67,355	1/4	82,537	1/4	97,720	1/4	112,901	1/4	128,078	1/4	143,255
1/2	6,962	1/2	22,144	1/2	37,326	1/2	52,488	1/2	67,671	1/2	82,854	1/2	98,036	1/2	113,218	1/2	128,395	1/2	143,572
3/4	7,279	3/4	22,461	3/4	37,643	3/4	52,805	3/4	67,987	3/4	83,170	3/4	98,352	3/4	113,534	3/4	128,711	3/4	143,888
6	7,595	6	22,777	6	37,959	6	53,121	6	68,304	6	83,486	6	98,669	6	113,850	6	129,027	6	144,204
1/4	7,911	1/4	23,093	1/4	38,275	1/4	53,437	1/4	68,620	1/4	83,802	1/4	98,985	1/4	114,166	1/4	129,343	1/4	144,520
1/2	8,228	1/2	23,410	1/2	38,592	1/2	53,754	1/2	68,936	1/2	84,119	1/2	99,301	1/2	114,482	1/2	129,659	1/2	144,836
3/4	8,544	3/4	23,726	3/4	38,908	3/4	54,070	3/4	69,252	3/4	84,435	3/4	99,618	3/4	114,799	3/4	129,976	3/4	145,153
7	8,860	7	24,042	7	39,224	7	54,386	7	69,569	7	84,751	7	99,934	7	115,115	7	130,292	7	145,469
1/4	9,176	1/4	24,358	1/4	39,540	1/4	54,702	1/4	69,885	1/4	85,068	1/4	100,250	1/4	115,431	1/4	130,608	1/4	145,785
1/2	9,493	1/2	24,675	1/2	39,856	1/2	55,019	1/2	70,201	1/2	85,384	1/2	100,567	1/2	115,747	1/2	130,924	1/2	146,101
3/4	9,809	3/4	24,991	3/4	40,172	3/4	55,335	3/4	70,518	3/4	85,700	3/4	100,883	3/4	116,063	3/4	131,240	3/4	146,417
8	10,125	8	25,307	8	40,487	8	55,651	8	70,834	8	86,017	8	101,199	8	116,379	8	131,556	8	146,733
1/4	10,442	1/4	25,624	1/4	40,803	1/4	55,968	1/4	71,150	1/4	86,333	1/4	101,515	1/4	116,696	1/4	131,873	1/4	147,050
1/2	10,758	1/2	25,940	1/2	41,119	1/2	56,284	1/2	71,467	1/2	86,649	1/2	101,832	1/2	117,012	1/2	132,189	1/2	147,366
3/4	11,074	3/4	26,256	3/4	41,435	3/4	56,600	3/4	71,783	3/4	86,965	3/4	102,148	3/4	117,328	3/4	132,505	3/4	147,682
9	11,390	9	26,572	9	41,750	9	56,917	9	72,099	9	87,282	9	102,464	9	117,644	9	132,821	9	147,998
1/4	11,707	1/4	26,889	1/4	42,066	1/4	57,233	1/4	72,415	1/4	87,598	1/4	102,781	1/4	117,960	1/4	133,137	1/4	148,314
1/2	12,023	1/2	27,205	1/2	42,382	1/2	57,549	1/2	72,732	1/2	87,914	1/2	103,097	1/2	118,277	1/2	133,454	1/2	148,631
3/4	12,339	3/4	27,521	3/4	42,698	3/4	57,865	3/4	73,048	3/4	88,231	3/4	103,413	3/4	118,593	3/4	133,770	3/4	148,947
10	12,656	10	27,838	10	43,014	10	58,182	10	73,364	10	88,547	10	103,730	10	118,909	10	134,086	10	149,263
1/4	12,972	1/4	28,154	1/4	43,329	1/4	58,498	1/4	73,681	1/4	88,863	1/4	104,046	1/4	119,225	1/4	134,402	1/4	149,579
1/2	13,288	1/2	28,470	1/2	43,645	1/2	58,814	1/2	73,997	1/2	89,180	1/2	104,362	1/2	119,541	1/2	134,718	1/2	149,895
3/4	13,605	3/4	28,787	3/4	43,961	3/4	59,131	3/4	74,313	3/4	89,496	3/4	104,679	3/4	119,858	3/4	135,035	3/4	150,212
11	13,921	11	29,103	11	44,277	11	59,447	11	74,630	11	89,812	11	104,995	11	120,174	11	135,351	11	150,528
1/4	14,237	1/4	29,419	1/4	44,593	1/4	59,763	1/4	74,946	1/4	90,129	1/4	105,311	1/4	120,490	1/4	135,667	1/4	150,844
1/2	14,553	1/2	29,735	1/2	44,908	1/2	60,080	1/2	75,262	1/2	90,445	1/2	105,627	1/2	120,806	1/2	135,983	1/2	151,160
3/4	14,870	3/4	30,052	3/4	45,224	3/4	60,396	3/4	75,579	3/4	90,761	3/4	105,944	3/4	121,122	3/4	136,299	3/4	151,476

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 379"

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	151,792	0	166,969	0	182,147	0	197,324	0	212,436	0		0		0		0		0	
1/4	152,109	1/4	167,286	1/4	182,463	1/4	197,640	1/4	212,748	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,425	1/2	167,602	1/2	182,779	1/2	197,956	1/2	213,060	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,741	3/4	167,918	3/4	183,095	3/4	198,272	3/4	213,372	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,057	1	168,234	1	183,411	1	198,588	1	213,684	1	1	1	1	1	1	1	1	1	1
1/4	153,373	1/4	168,550	1/4	183,727	1/4	198,903	1/4	213,996	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,690	1/2	168,867	1/2	184,044	1/2	199,218	1/2	214,308	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,006	3/4	169,183	3/4	184,360	3/4	199,533	3/4	214,620	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,322	2	169,499	2	184,676	2	199,848	2	214,932	2	2	2	2	2	2	2	2	2	2
1/4	154,638	1/4	169,815	1/4	184,992	1/4	200,163	1/4	215,244	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,954	1/2	170,131	1/2	185,308	1/2	200,478	1/2	215,556	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,271	3/4	170,448	3/4	185,625	3/4	200,793	3/4	215,868	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,587	3	170,764	3	185,941	3	201,108	3	216,180	3	3	3	3	3	3	3	3	3	3
1/4	155,903	1/4	171,080	1/4	186,257	1/4	201,423	1/4	216,492	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,219	1/2	171,396	1/2	186,573	1/2	201,738	1/2	216,804	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,535	3/4	171,712	3/4	186,889	3/4	202,053	3/4	217,115	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,851	4	172,029	4	187,206	4	202,368	4	217,427	4	4	4	4	4	4	4	4	4	4
1/4	157,168	1/4	172,345	1/4	187,522	1/4	202,683	1/4	217,737	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,484	1/2	172,661	1/2	187,838	1/2	202,998	1/2	218,048	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,800	3/4	172,977	3/4	188,154	3/4	203,313	3/4	218,359	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,116	5	173,293	5	188,470	5	203,628	5	218,669	5	5	5	5	5	5	5	5	5	5
1/4	158,432	1/4	173,609	1/4	188,786	1/4	203,943	1/4	218,955	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,749	1/2	173,926	1/2	189,103	1/2	204,258	1/2	219,240	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,065	3/4	174,242	3/4	189,419	3/4	204,573	3/4	219,526	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,381	6	174,558	6	189,735	6	204,888	6	219,812	6	6	6	6	6	6	6	6	6	6
1/4	159,697	1/4	174,874	1/4	190,051	1/4	205,203	1/4	220,045	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,013	1/2	175,190	1/2	190,367	1/2	205,518	1/2	220,278	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,330	3/4	175,507	3/4	190,684	3/4	205,832	3/4	220,510	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,646	7	175,823	7	191,000	7	206,147	7	220,743	7	7	7	7	7	7	7	7	7	7
1/4	160,962	1/4	176,139	1/4	191,316	1/4	206,462	1/4	220,925	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,278	1/2	176,455	1/2	191,632	1/2	206,777	1/2	221,106	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,594	3/4	176,771	3/4	191,948	3/4	207,092	3/4	221,288	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,910	8	177,088	8	192,265	8	207,407	8	221,469	8	8	8	8	8	8	8	8	8	8
1/4	162,227	1/4	177,404	1/4	192,581	1/4	207,722	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,543	1/2	177,720	1/2	192,897	1/2	208,037	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,859	3/4	178,036	3/4	193,213	3/4	208,352	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,175	9	178,352	9	193,529	9	208,667	9		9	9	9	9	9	9	9	9	9	9
1/4	163,491	1/4	178,668	1/4	193,845	1/4	208,982	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,808	1/2	178,985	1/2	194,162	1/2	209,297	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,124	3/4	179,301	3/4	194,478	3/4	209,612	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,440	10	179,617	10	194,794	10	209,927	10		10	10	10	10	10	10	10	10	10	10
1/4	164,756	1/4	179,933	1/4	195,110	1/4	210,242	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,072	1/2	180,249	1/2	195,426	1/2	210,558	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,389	3/4	180,566	3/4	195,743	3/4	210,873	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,705	11	180,882	11	196,059	11	211,188	11		11	11	11	11	11	11	11	11	11	11
1/4	166,021	1/4	181,198	1/4	196,375	1/4	211,500	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,337	1/2	181,514	1/2	196,691	1/2	211,812	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,653	3/4	181,830	3/4	197,007	3/4	212,124	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

PRECISION MEASUREMENT
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BARGE "CBC 379"

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 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 379"

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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 379"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 379"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

PRECISION MEASUREMENT
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BARGE "CBC 379"

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	15,099	0	30,192	0	44,793	0	59,615	0	74,683	0	89,771	0	104,856	0	119,933	0	134,966
1/4	1,141	1/4	15,413	1/4	30,506	1/4	45,093	1/4	59,927	1/4	74,997	1/4	90,085	1/4	105,171	1/4	120,247	1/4	135,278
1/2	1,325	1/2	15,728	1/2	30,821	1/2	45,393	1/2	60,238	1/2	75,312	1/2	90,400	1/2	105,485	1/2	120,561	1/2	135,590
3/4	1,508	3/4	16,042	3/4	31,135	3/4	45,693	3/4	60,550	3/4	75,626	3/4	90,714	3/4	105,799	3/4	120,875	3/4	135,902
1	1,692	1	16,356	1	31,450	1	45,994	1	60,862	1	75,941	1	91,028	1	106,113	1	121,188	1	136,215
1/4	1,928	1/4	16,671	1/4	31,764	1/4	46,294	1/4	61,174	1/4	76,255	1/4	91,342	1/4	106,428	1/4	121,502	1/4	136,527
1/2	2,164	1/2	16,985	1/2	32,079	1/2	46,594	1/2	61,485	1/2	76,569	1/2	91,657	1/2	106,742	1/2	121,815	1/2	136,839
3/4	2,399	3/4	17,300	3/4	32,393	3/4	46,894	3/4	61,797	3/4	76,884	3/4	91,971	3/4	107,056	3/4	122,128	3/4	137,151
2	2,635	2	17,614	2	32,707	2	47,195	2	62,109	2	77,198	2	92,285	2	107,371	2	122,442	2	137,463
1/4	2,923	1/4	17,929	1/4	33,022	1/4	47,495	1/4	62,423	1/4	77,512	1/4	92,599	1/4	107,685	1/4	122,755	1/4	137,776
1/2	3,210	1/2	18,243	1/2	33,336	1/2	47,795	1/2	62,738	1/2	77,827	1/2	92,914	1/2	107,999	1/2	123,068	1/2	138,088
3/4	3,498	3/4	18,558	3/4	33,651	3/4	48,096	3/4	63,052	3/4	78,141	3/4	93,228	3/4	108,313	3/4	123,382	3/4	138,400
3	3,786	3	18,872	3	33,965	3	48,396	3	63,366	3	78,455	3	93,542	3	108,628	3	123,695	3	138,712
1/4	4,099	1/4	19,186	1/4	34,268	1/4	48,708	1/4	63,681	1/4	78,770	1/4	93,857	1/4	108,942	1/4	124,009	1/4	139,025
1/2	4,412	1/2	19,501	1/2	34,570	1/2	49,020	1/2	63,995	1/2	79,084	1/2	94,171	1/2	109,256	1/2	124,322	1/2	139,338
3/4	4,725	3/4	19,815	3/4	34,873	3/4	49,332	3/4	64,309	3/4	79,398	3/4	94,485	3/4	109,570	3/4	124,635	3/4	139,651
4	5,038	4	20,130	4	35,175	4	49,645	4	64,624	4	79,713	4	94,799	4	109,885	4	124,949	4	139,964
1/4	5,352	1/4	20,444	1/4	35,477	1/4	49,955	1/4	64,938	1/4	80,027	1/4	95,114	1/4	110,199	1/4	125,262	1/4	140,277
1/2	5,666	1/2	20,759	1/2	35,778	1/2	50,266	1/2	65,252	1/2	80,342	1/2	95,428	1/2	110,513	1/2	125,575	1/2	140,590
3/4	5,980	3/4	21,073	3/4	36,079	3/4	50,577	3/4	65,567	3/4	80,656	3/4	95,742	3/4	110,827	3/4	125,889	3/4	140,903
5	6,295	5	21,388	5	36,381	5	50,888	5	65,881	5	80,970	5	96,057	5	111,141	5	126,202	5	141,216
1/4	6,609	1/4	21,702	1/4	36,682	1/4	51,199	1/4	66,196	1/4	81,285	1/4	96,371	1/4	111,456	1/4	126,515	1/4	141,529
1/2	6,923	1/2	22,016	1/2	36,983	1/2	51,510	1/2	66,510	1/2	81,599	1/2	96,685	1/2	111,770	1/2	126,829	1/2	141,841
3/4	7,238	3/4	22,331	3/4	37,285	3/4	51,822	3/4	66,824	3/4	81,913	3/4	96,999	3/4	112,084	3/4	127,142	3/4	142,154
6	7,552	6	22,645	6	37,586	6	52,133	6	67,139	6	82,228	6	97,314	6	112,398	6	127,456	6	142,467
1/4	7,867	1/4	22,960	1/4	37,886	1/4	52,444	1/4	67,453	1/4	82,542	1/4	97,628	1/4	112,713	1/4	127,769	1/4	142,780
1/2	8,181	1/2	23,274	1/2	38,187	1/2	52,756	1/2	67,767	1/2	82,856	1/2	97,942	1/2	113,027	1/2	128,082	1/2	143,093
3/4	8,495	3/4	23,589	3/4	38,487	3/4	53,068	3/4	68,082	3/4	83,171	3/4	98,256	3/4	113,341	3/4	128,396	3/4	143,406
7	8,810	7	23,903	7	38,787	7	53,380	7	68,396	7	83,485	7	98,571	7	113,655	7	128,709	7	143,719
1/4	9,124	1/4	24,217	1/4	39,088	1/4	53,691	1/4	68,710	1/4	83,799	1/4	98,885	1/4	113,969	1/4	129,023	1/4	144,032
1/2	9,439	1/2	24,532	1/2	39,388	1/2	54,003	1/2	69,025	1/2	84,114	1/2	99,199	1/2	114,284	1/2	129,336	1/2	144,345
3/4	9,753	3/4	24,846	3/4	39,688	3/4	54,315	3/4	69,339	3/4	84,428	3/4	99,514	3/4	114,598	3/4	129,650	3/4	144,658
8	10,068	8	25,161	8	39,988	8	54,627	8	69,653	8	84,742	8	99,828	8	114,912	8	129,964	8	144,971
1/4	10,382	1/4	25,475	1/4	40,289	1/4	54,938	1/4	69,968	1/4	85,057	1/4	100,142	1/4	115,226	1/4	130,277	1/4	145,283
1/2	10,697	1/2	25,790	1/2	40,589	1/2	55,250	1/2	70,282	1/2	85,371	1/2	100,456	1/2	115,541	1/2	130,591	1/2	145,596
3/4	11,011	3/4	26,104	3/4	40,889	3/4	55,562	3/4	70,597	3/4	85,685	3/4	100,771	3/4	115,855	3/4	130,905	3/4	145,909
9	11,325	9	26,419	9	41,190	9	55,874	9	70,911	9	86,000	9	101,085	9	116,169	9	131,219	9	146,222
1/4	11,640	1/4	26,733	1/4	41,490	1/4	56,185	1/4	71,225	1/4	86,314	1/4	101,399	1/4	116,483	1/4	131,531	1/4	146,391
1/2	11,954	1/2	27,047	1/2	41,790	1/2	56,497	1/2	71,540	1/2	86,628	1/2	101,714	1/2	116,797	1/2	131,843	1/2	146,560
3/4	12,269	3/4	27,362	3/4	42,090	3/4	56,809	3/4	71,854	3/4	86,942	3/4	102,028	3/4	117,110	3/4	132,155	3/4	146,728
10	12,583	10	27,676	10	42,391	10	57,121	10	72,168	10	87,257	10	102,342	10	117,424	10	132,468	10	146,897
1/4	12,898	1/4	27,991	1/4	42,691	1/4	57,433	1/4	72,483	1/4	87,571	1/4	102,656	1/4	117,738	1/4	132,780	1/4	147,066
1/2	13,212	1/2	28,305	1/2	42,991	1/2	57,744	1/2	72,797	1/2	87,885	1/2	102,971	1/2	118,051	1/2	133,092	1/2	147,235
3/4	13,526	3/4	28,620	3/4	43,291	3/4	58,056	3/4	73,111	3/4	88,200	3/4	103,285	3/4	118,365	3/4	133,404	3/4	147,404
11	13,841	11	28,934	11	43,592	11	58,368	11	73,426	11	88,514	11	103,599	11	118,679	11	133,717	11	147,572
1/4	14,155	1/4	29,249	1/4	43,892	1/4	58,680	1/4	73,740	1/4	88,828	1/4	103,914	1/4	118,992	1/4	134,029	1/4	147,741
1/2	14,470	1/2	29,563	1/2	44,192	1/2	58,991	1/2	74,054	1/2	89,142	1/2	104,228	1/2	119,306	1/2	134,341	1/2	147,910
3/4	14,784	3/4	29,877	3/4	44,492	3/4	59,303	3/4	74,369	3/4	89,457	3/4	104,542	3/4	119,620	3/4	134,653	3/4	148,079

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" "HERMETIC" VALVE

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 379"

**3 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE 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	148,247	0	156,348	0	164,450	0	172,551	0	180,618	0		0		0		0		0	
1/4	148,416	1/4	156,517	1/4	164,618	1/4	172,719	1/4	180,785	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,585	1/2	156,686	1/2	164,787	1/2	172,888	1/2	180,951	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,754	3/4	156,855	3/4	164,956	3/4	173,057	3/4	181,118	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,922	1	157,024	1	165,125	1	173,226	1	181,284	1	1	1	1	1	1	1	1	1	1
1/4	149,091	1/4	157,192	1/4	165,293	1/4	173,394	1/4	181,451	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,260	1/2	157,361	1/2	165,462	1/2	173,562	1/2	181,618	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,429	3/4	157,530	3/4	165,631	3/4	173,730	3/4	181,784	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	149,598	2	157,699	2	165,800	2	173,898	2	181,951	2	2	2	2	2	2	2	2	2	2
1/4	149,766	1/4	157,867	1/4	165,968	1/4	174,066	1/4	182,117	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,935	1/2	158,036	1/2	166,137	1/2	174,235	1/2	182,284	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,104	3/4	158,205	3/4	166,306	3/4	174,403	3/4	182,450	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	150,273	3	158,374	3	166,475	3	174,571	3	182,617	3	3	3	3	3	3	3	3	3	3
1/4	150,441	1/4	158,542	1/4	166,644	1/4	174,739	1/4	182,783	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,610	1/2	158,711	1/2	166,812	1/2	174,907	1/2	182,949	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,779	3/4	158,880	3/4	166,981	3/4	175,075	3/4	183,115	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	150,948	4	159,049	4	167,150	4	175,244	4	183,281	4	4	4	4	4	4	4	4	4	4
1/4	151,117	1/4	159,218	1/4	167,319	1/4	175,412	1/4	183,446	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,285	1/2	159,386	1/2	167,487	1/2	175,580	1/2	183,611	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,454	3/4	159,555	3/4	167,656	3/4	175,748	3/4	183,776	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,623	5	159,724	5	167,825	5	175,916	5	183,941	5	5	5	5	5	5	5	5	5	5
1/4	151,792	1/4	159,893	1/4	167,994	1/4	176,084	1/4	184,082	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,960	1/2	160,061	1/2	168,162	1/2	176,253	1/2	184,222	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,129	3/4	160,230	3/4	168,331	3/4	176,421	3/4	184,362	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,298	6	160,399	6	168,500	6	176,589	6	184,502	6	6	6	6	6	6	6	6	6	6
1/4	152,467	1/4	160,568	1/4	168,669	1/4	176,757	1/4	184,590	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,635	1/2	160,737	1/2	168,838	1/2	176,925	1/2	184,678	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,804	3/4	160,905	3/4	169,006	3/4	177,093	3/4	184,766	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	152,973	7	161,074	7	169,175	7	177,262	7	184,854	7	7	7	7	7	7	7	7	7	7
1/4	153,142	1/4	161,243	1/4	169,344	1/4	177,430	1/4	184,890	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,311	1/2	161,412	1/2	169,513	1/2	177,598	1/2	184,926	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,479	3/4	161,580	3/4	169,681	3/4	177,766	3/4	184,961	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	153,648	8	161,749	8	169,850	8	177,934	8	184,997	8	8	8	8	8	8	8	8	8	8
1/4	153,817	1/4	161,918	1/4	170,019	1/4	178,102	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,986	1/2	162,087	1/2	170,188	1/2	178,270	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,154	3/4	162,255	3/4	170,357	3/4	178,439	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	154,323	9	162,424	9	170,525	9	178,607	9		9	9	9	9	9	9	9	9	9	9
1/4	154,492	1/4	162,593	1/4	170,694	1/4	178,775	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,661	1/2	162,762	1/2	170,863	1/2	178,943	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,829	3/4	162,931	3/4	171,032	3/4	179,111	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	154,998	10	163,099	10	171,200	10	179,279	10		10	10	10	10	10	10	10	10	10	10
1/4	155,167	1/4	163,268	1/4	171,369	1/4	179,448	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,336	1/2	163,437	1/2	171,538	1/2	179,616	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,505	3/4	163,606	3/4	171,707	3/4	179,784	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	155,673	11	163,774	11	171,875	11	179,952	11		11	11	11	11	11	11	11	11	11	11
1/4	155,842	1/4	163,943	1/4	172,044	1/4	180,119	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,011	1/2	164,112	1/2	172,213	1/2	180,285	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,180	3/4	164,281	3/4	172,382	3/4	180,452	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 379"

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	- 00-0/8	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	- 00-3/8	00-3/8
1 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	- 00-3/8	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	- 00-3/8	00-3/8
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	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	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	01-5/8	- 01-5/8	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 = 4'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

March 12, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 379"

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	
0		0		0	208,422	0	193,230	0	178,002	0	162,773	0	147,545	0	132,317	0	117,089	0	101,858		
1/4	1/4	222,216	1/4	208,106	1/4	192,912	1/4	177,684	1/4	162,456	1/4	147,228	1/4	132,000	1/4	116,772	1/4	101,540	1/4		
1/2	1/2	222,034	1/2	207,790	1/2	192,595	1/2	177,367	1/2	162,139	1/2	146,911	1/2	131,683	1/2	116,454	1/2	101,223	1/2		
3/4	3/4	221,852	3/4	207,474	3/4	192,278	3/4	177,050	3/4	161,822	3/4	146,593	3/4	131,365	3/4	116,137	3/4	100,906	3/4		
1		221,670		207,158		191,961		176,733		161,504		146,276		131,048		115,820		100,588			
1/4	1/4	221,488	1/4	206,842	1/4	191,643	1/4	176,415	1/4	161,187	1/4	145,959	1/4	130,731	1/4	115,503	1/4	100,271	1/4		
1/2	1/2	221,254	1/2	206,526	1/2	191,326	1/2	176,098	1/2	160,870	1/2	145,642	1/2	130,414	1/2	115,185	1/2	99,953	1/2		
3/4	3/4	221,020	3/4	206,210	3/4	191,009	3/4	175,781	3/4	160,553	3/4	145,324	3/4	130,096	3/4	114,868	3/4	99,636	3/4		
2		220,786		205,894		190,692		175,463		160,235		145,007		129,779		114,551		99,319			
1/4	1/4	220,553	1/4	205,578	1/4	190,374	1/4	175,146	1/4	159,918	1/4	144,690	1/4	129,462	1/4	114,234	1/4	99,001	1/4		
1/2	1/2	220,266	1/2	205,262	1/2	190,057	1/2	174,829	1/2	159,601	1/2	144,373	1/2	129,145	1/2	113,916	1/2	98,684	1/2		
3/4	3/4	219,980	3/4	204,946	3/4	189,740	3/4	174,512	3/4	159,284	3/4	144,055	3/4	128,827	3/4	113,599	3/4	98,367	3/4		
3		219,693		204,630		189,423		174,194		158,966		143,738		128,510		113,282		98,049			
1/4	1/4	219,406	1/4	204,314	1/4	189,105	1/4	173,877	1/4	158,649	1/4	143,421	1/4	128,193	1/4	112,965	1/4	97,732	1/4		
1/2	1/2	219,095	1/2	203,998	1/2	188,788	1/2	173,560	1/2	158,332	1/2	143,104	1/2	127,876	1/2	112,647	1/2	97,414	1/2		
3/4	3/4	218,783	3/4	203,682	3/4	188,471	3/4	173,243	3/4	158,015	3/4	142,786	3/4	127,558	3/4	112,330	3/4	97,097	3/4		
4		218,472		203,366		188,154		172,925		157,697		142,469		127,241		112,013		96,780			
1/4	1/4	218,160	1/4	203,050	1/4	187,836	1/4	172,608	1/4	157,380	1/4	142,152	1/4	126,924	1/4	111,696	1/4	96,462	1/4		
1/2	1/2	217,847	1/2	202,734	1/2	187,519	1/2	172,291	1/2	157,063	1/2	141,835	1/2	126,607	1/2	111,378	1/2	96,145	1/2		
3/4	3/4	217,535	3/4	202,418	3/4	187,202	3/4	171,974	3/4	156,746	3/4	141,517	3/4	126,289	3/4	111,061	3/4	95,828	3/4		
5		217,222		202,102		186,885		171,656		156,428		141,200		125,972		110,744		95,510			
1/4	1/4	216,909	1/4	201,786	1/4	186,567	1/4	171,339	1/4	156,111	1/4	140,883	1/4	125,655	1/4	110,427	1/4	95,193	1/4		
1/2	1/2	216,596	1/2	201,470	1/2	186,250	1/2	171,022	1/2	155,794	1/2	140,566	1/2	125,338	1/2	110,109	1/2	94,876	1/2		
3/4	3/4	216,283	3/4	201,154	3/4	185,933	3/4	170,705	3/4	155,477	3/4	140,248	3/4	125,020	3/4	109,792	3/4	94,558	3/4		
6		215,970		200,838		185,616		170,387		155,159		139,931		124,703		109,475		94,241			
1/4	1/4	215,657	1/4	200,522	1/4	185,298	1/4	170,070	1/4	154,842	1/4	139,614	1/4	124,386	1/4	109,157	1/4	93,923	1/4		
1/2	1/2	215,344	1/2	200,206	1/2	184,981	1/2	169,753	1/2	154,525	1/2	139,297	1/2	124,069	1/2	108,840	1/2	93,606	1/2		
3/4	3/4	215,031	3/4	199,890	3/4	184,664	3/4	169,436	3/4	154,208	3/4	138,979	3/4	123,751	3/4	108,522	3/4	93,289	3/4		
7		214,718		199,574		184,347		169,118		153,890		138,662		123,434		108,205		92,971			
1/4	1/4	214,404	1/4	199,257	1/4	184,029	1/4	168,801	1/4	153,573	1/4	138,345	1/4	123,117	1/4	107,888	1/4	92,654	1/4		
1/2	1/2	214,091	1/2	198,940	1/2	183,712	1/2	168,484	1/2	153,256	1/2	138,028	1/2	122,799	1/2	107,570	1/2	92,337	1/2		
3/4	3/4	213,778	3/4	198,623	3/4	183,395	3/4	168,167	3/4	152,939	3/4	137,710	3/4	122,482	3/4	107,253	3/4	92,019	3/4		
8		213,465		198,306		183,078		167,849		152,621		137,393		122,165		106,936		91,702			
1/4	1/4	213,152	1/4	197,988	1/4	182,760	1/4	167,532	1/4	152,304	1/4	137,076	1/4	121,848	1/4	106,618	1/4	91,384	1/4		
1/2	1/2	212,839	1/2	197,671	1/2	182,443	1/2	167,215	1/2	151,987	1/2	136,759	1/2	121,530	1/2	106,301	1/2	91,067	1/2		
3/4	3/4	212,526	3/4	197,354	3/4	182,126	3/4	166,898	3/4	151,670	3/4	136,441	3/4	121,213	3/4	105,983	3/4	90,750	3/4		
9		212,213		197,037		181,809		166,580		151,352		136,124		120,896		105,666		90,432			
1/4	1/4	211,899	1/4	196,719	1/4	181,491	1/4	166,263	1/4	151,035	1/4	135,807	1/4	120,579	1/4	105,349	1/4	90,115	1/4		
1/2	1/2	211,583	1/2	196,402	1/2	181,174	1/2	165,946	1/2	150,718	1/2	135,490	1/2	120,261	1/2	105,031	1/2	89,798	1/2		
3/4	3/4	211,267	3/4	196,085	3/4	180,857	3/4	165,629	3/4	150,401	3/4	135,172	3/4	119,944	3/4	104,714	3/4	89,480	3/4		
10		210,951		195,768		180,540		165,311		150,083		134,855		119,627		104,397		89,163			
1/4	1/4	210,635	1/4	195,450	1/4	180,222	1/4	164,994	1/4	149,766	1/4	134,538	1/4	119,310	1/4	104,079	1/4	88,845	1/4		
1/2	1/2	210,319	1/2	195,133	1/2	179,905	1/2	164,677	1/2	149,449	1/2	134,221	1/2	118,992	1/2	103,762	1/2	88,528	1/2		
3/4	3/4	210,003	3/4	194,816	3/4	179,588	3/4	164,360	3/4	149,131	3/4	133,903	3/4	118,675	3/4	103,445	3/4	88,211	3/4		
11		209,687		194,499		179,271		164,042		148,814		133,586		118,358		103,127		87,893			
1/4	1/4	209,370	1/4	194,181	1/4	178,953	1/4	163,725	1/4	148,497	1/4	133,269	1/4	118,041	1/4	102,810	1/4	87,576	1/4		
1/2	1/2	209,054	1/2	193,864	1/2	178,636	1/2	163,408	1/2	148,180	1/2	132,952	1/2	117,723	1/2	102,492	1/2	87,259	1/2		
3/4	3/4	208,738	3/4	193,547	3/4	178,319	3/4	163,091	3/4	147,862	3/4	132,634	3/4	117,406	3/4	102,175	3/4	86,941	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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 379"

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	86,624	0	71,390	0	56,156	0	40,941	0	25,710	0	10,477	0		0		0		0	
1/4	86,307	1/4	71,073	1/4	55,839	1/4	40,624	1/4	25,393	1/4	10,160	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,989	1/2	70,755	1/2	55,522	1/2	40,307	1/2	25,075	1/2	9,842	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,672	3/4	70,438	3/4	55,204	3/4	39,990	3/4	24,758	3/4	9,525	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,354	1	70,121	1	54,887	1	39,673	1	24,441	1	9,208	1	1	1	1	1	1	1	1
1/4	85,037	1/4	69,803	1/4	54,570	1/4	39,356	1/4	24,123	1/4	8,890	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,720	1/2	69,486	1/2	54,252	1/2	39,039	1/2	23,806	1/2	8,573	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,402	3/4	69,169	3/4	53,935	3/4	38,722	3/4	23,489	3/4	8,255	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,085	2	68,851	2	53,617	2	38,404	2	23,171	2	7,938	2	2	2	2	2	2	2	2
1/4	83,768	1/4	68,534	1/4	53,300	1/4	38,087	1/4	22,854	1/4	7,621	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,450	1/2	68,216	1/2	52,983	1/2	37,770	1/2	22,537	1/2	7,303	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,133	3/4	67,899	3/4	52,665	3/4	37,452	3/4	22,219	3/4	6,986	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,815	3	67,582	3	52,348	3	37,135	3	21,902	3	6,669	3	3	3	3	3	3	3	3
1/4	82,498	1/4	67,264	1/4	52,031	1/4	36,818	1/4	21,584	1/4	6,352	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,181	1/2	66,947	1/2	51,714	1/2	36,500	1/2	21,267	1/2	6,035	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,863	3/4	66,630	3/4	51,397	3/4	36,183	3/4	20,950	3/4	5,718	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,546	4	66,312	4	51,080	4	35,866	4	20,632	4	5,401	4	4	4	4	4	4	4	4
1/4	81,229	1/4	65,995	1/4	50,763	1/4	35,548	1/4	20,315	1/4	5,084	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,911	1/2	65,678	1/2	50,446	1/2	35,231	1/2	19,998	1/2	4,768	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,594	3/4	65,360	3/4	50,130	3/4	34,913	3/4	19,680	3/4	4,452	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,277	5	65,043	5	49,813	5	34,596	5	19,363	5	4,136	5	5	5	5	5	5	5	5
1/4	79,959	1/4	64,725	1/4	49,496	1/4	34,279	1/4	19,046	1/4	3,820	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,642	1/2	64,408	1/2	49,179	1/2	33,961	1/2	18,728	1/2	3,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,324	3/4	64,091	3/4	48,862	3/4	33,644	3/4	18,411	3/4	3,239	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,007	6	63,773	6	48,545	6	33,327	6	18,094	6	2,948	6	6	6	6	6	6	6	6
1/4	78,690	1/4	63,456	1/4	48,228	1/4	33,009	1/4	17,776	1/4	2,657	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,372	1/2	63,139	1/2	47,912	1/2	32,692	1/2	17,459	1/2	2,419	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,055	3/4	62,821	3/4	47,595	3/4	32,375	3/4	17,141	3/4	2,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,738	7	62,504	7	47,278	7	32,057	7	16,824	7	1,943	7	7	7	7	7	7	7	7
1/4	77,420	1/4	62,186	1/4	46,961	1/4	31,740	1/4	16,507	1/4	1,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,103	1/2	61,869	1/2	46,644	1/2	31,423	1/2	16,189	1/2	1,520	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,785	3/4	61,552	3/4	46,327	3/4	31,105	3/4	15,872	3/4	1,335	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,468	8	61,234	8	46,010	8	30,788	8	15,555	8	1,150	8	8	8	8	8	8	8	8
1/4	76,151	1/4	60,917	1/4	45,694	1/4	30,470	1/4	15,237	1/4	965	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,833	1/2	60,600	1/2	45,377	1/2	30,153	1/2	14,920	1/2	964	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,516	3/4	60,282	3/4	45,060	3/4	29,836	3/4	14,603	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,199	9	59,965	9	44,743	9	29,518	9	14,285	9		9	9	9	9	9	9	9	9
1/4	74,881	1/4	59,647	1/4	44,426	1/4	29,201	1/4	13,968	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,564	1/2	59,330	1/2	44,109	1/2	28,884	1/2	13,651	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,246	3/4	59,013	3/4	43,792	3/4	28,566	3/4	13,333	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,929	10	58,695	10	43,476	10	28,249	10	13,016	10		10	10	10	10	10	10	10	10
1/4	73,612	1/4	58,378	1/4	43,159	1/4	27,932	1/4	12,698	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,294	1/2	58,061	1/2	42,842	1/2	27,614	1/2	12,381	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,977	3/4	57,743	3/4	42,525	3/4	27,297	3/4	12,064	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,660	11	57,426	11	42,208	11	26,980	11	11,746	11		11	11	11	11	11	11	11	11
1/4	72,342	1/4	57,109	1/4	41,891	1/4	26,662	1/4	11,429	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,025	1/2	56,791	1/2	41,574	1/2	26,345	1/2	11,112	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,708	3/4	56,474	3/4	41,258	3/4	26,027	3/4	10,794	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

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



BARGE "CBC 379"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	208,658	0	193,467	0	178,239	0	163,011	0	147,783	0	132,555	0	117,326	0	102,095
1/4		1/4		1/4	208,342	1/4	193,150	1/4	177,922	1/4	162,694	1/4	147,465	1/4	132,237	1/4	117,009	1/4	101,778
1/2		1/2		1/2	222,136	1/2	208,026	1/2	192,833	1/2	177,604	1/2	162,376	1/2	147,148	1/2	131,920	1/2	116,692
3/4		3/4		3/4	221,954	3/4	207,710	3/4	192,515	3/4	177,287	3/4	162,059	3/4	146,831	3/4	131,603	3/4	116,375
1		1		1	221,772	1	207,394	1	192,198	1	176,970	1	161,742	1	146,514	1	131,286	1	116,057
1/4		1/4		1/4	221,590	1/4	207,078	1/4	191,881	1/4	176,653	1/4	161,425	1/4	146,196	1/4	130,968	1/4	115,740
1/2		1/2		1/2	221,408	1/2	206,762	1/2	191,564	1/2	176,335	1/2	161,107	1/2	145,879	1/2	130,651	1/2	115,423
3/4		3/4		3/4	221,174	3/4	206,446	3/4	191,246	3/4	176,018	3/4	160,790	3/4	145,562	3/4	130,334	3/4	115,106
2		2		2	220,940	2	206,130	2	190,929	2	175,701	2	160,473	2	145,245	2	130,017	2	114,788
1/4		1/4		1/4	220,707	1/4	205,814	1/4	190,612	1/4	175,384	1/4	160,156	1/4	144,927	1/4	129,699	1/4	114,471
1/2		1/2		1/2	220,473	1/2	205,498	1/2	190,295	1/2	175,066	1/2	159,838	1/2	144,610	1/2	129,382	1/2	114,154
3/4		3/4		3/4	220,186	3/4	205,182	3/4	189,977	3/4	174,749	3/4	159,521	3/4	144,293	3/4	129,065	3/4	113,837
3		3		3	219,900	3	204,866	3	189,660	3	174,432	3	159,204	3	143,976	3	128,748	3	113,519
1/4		1/4		1/4	219,613	1/4	204,550	1/4	189,343	1/4	174,115	1/4	158,887	1/4	143,658	1/4	128,430	1/4	113,202
1/2		1/2		1/2	219,326	1/2	204,234	1/2	189,026	1/2	173,797	1/2	158,569	1/2	143,341	1/2	128,113	1/2	112,885
3/4		3/4		3/4	219,015	3/4	203,918	3/4	188,708	3/4	173,480	3/4	158,252	3/4	143,024	3/4	127,796	3/4	112,568
4		4		4	218,703	4	203,602	4	188,391	4	173,163	4	157,935	4	142,707	4	127,478	4	112,250
1/4		1/4		1/4	218,392	1/4	203,286	1/4	188,074	1/4	172,846	1/4	157,618	1/4	142,389	1/4	127,161	1/4	111,933
1/2		1/2		1/2	218,080	1/2	202,970	1/2	187,757	1/2	172,528	1/2	157,300	1/2	142,072	1/2	126,844	1/2	111,616
3/4		3/4		3/4	217,767	3/4	202,654	3/4	187,439	3/4	172,211	3/4	156,983	3/4	141,755	3/4	126,527	3/4	111,299
5		5		5	217,455	5	202,338	5	187,122	5	171,894	5	156,666	5	141,438	5	126,209	5	110,981
1/4		1/4		1/4	217,142	1/4	202,022	1/4	186,805	1/4	171,577	1/4	156,349	1/4	141,120	1/4	125,892	1/4	110,664
1/2		1/2		1/2	216,829	1/2	201,706	1/2	186,488	1/2	171,259	1/2	156,031	1/2	140,803	1/2	125,575	1/2	110,347
3/4		3/4		3/4	216,516	3/4	201,390	3/4	186,170	3/4	170,942	3/4	155,714	3/4	140,486	3/4	125,258	3/4	110,029
6		6		6	216,203	6	201,074	6	185,853	6	170,625	6	155,397	6	140,169	6	124,940	6	109,712
1/4		1/4		1/4	215,890	1/4	200,758	1/4	185,536	1/4	170,308	1/4	155,079	1/4	139,851	1/4	124,623	1/4	109,395
1/2		1/2		1/2	215,577	1/2	200,442	1/2	185,219	1/2	169,990	1/2	154,762	1/2	139,534	1/2	124,306	1/2	109,077
3/4		3/4		3/4	215,264	3/4	200,126	3/4	184,901	3/4	169,673	3/4	154,445	3/4	139,217	3/4	123,989	3/4	108,760
7		7		7	214,951	7	199,810	7	184,584	7	169,356	7	154,128	7	138,900	7	123,671	7	108,443
1/4		1/4		1/4	214,638	1/4	199,494	1/4	184,267	1/4	169,039	1/4	153,810	1/4	138,582	1/4	123,354	1/4	108,125
1/2		1/2		1/2	214,325	1/2	199,178	1/2	183,949	1/2	168,721	1/2	153,493	1/2	138,265	1/2	123,037	1/2	107,808
3/4		3/4		3/4	214,011	3/4	198,860	3/4	183,632	3/4	168,404	3/4	153,176	3/4	137,948	3/4	122,720	3/4	107,491
8		8		8	213,698	8	198,543	8	183,315	8	168,087	8	152,859	8	137,631	8	122,402	8	107,173
1/4		1/4		1/4	213,385	1/4	198,226	1/4	182,998	1/4	167,770	1/4	152,541	1/4	137,313	1/4	122,085	1/4	106,856
1/2		1/2		1/2	213,072	1/2	197,909	1/2	182,680	1/2	167,452	1/2	152,224	1/2	136,996	1/2	121,768	1/2	106,538
3/4		3/4		3/4	212,759	3/4	197,591	3/4	182,363	3/4	167,135	3/4	151,907	3/4	136,679	3/4	121,451	3/4	106,221
9		9		9	212,446	9	197,274	9	182,046	9	166,818	9	151,590	9	136,362	9	121,133	9	105,904
1/4		1/4		1/4	212,133	1/4	196,957	1/4	181,729	1/4	166,501	1/4	151,272	1/4	136,044	1/4	120,816	1/4	105,586
1/2		1/2		1/2	211,820	1/2	196,640	1/2	181,411	1/2	166,183	1/2	150,955	1/2	135,727	1/2	120,499	1/2	105,269
3/4		3/4		3/4	211,503	3/4	196,322	3/4	181,094	3/4	165,866	3/4	150,638	3/4	135,410	3/4	120,182	3/4	104,952
10		10		10	211,187	10	196,005	10	180,777	10	165,549	10	150,321	10	135,093	10	119,864	10	104,634
1/4		1/4		1/4	210,871	1/4	195,688	1/4	180,460	1/4	165,232	1/4	150,003	1/4	134,775	1/4	119,547	1/4	104,317
1/2		1/2		1/2	210,555	1/2	195,371	1/2	180,142	1/2	164,914	1/2	149,686	1/2	134,458	1/2	119,230	1/2	103,999
3/4		3/4		3/4	210,239	3/4	195,053	3/4	179,825	3/4	164,597	3/4	149,369	3/4	134,141	3/4	118,913	3/4	103,682
11		11		11	209,923	11	194,736	11	179,508	11	164,280	11	149,052	11	133,824	11	118,595	11	103,365
1/4		1/4		1/4	209,607	1/4	194,419	1/4	179,191	1/4	163,963	1/4	148,734	1/4	133,506	1/4	118,278	1/4	103,047
1/2		1/2		1/2	209,291	1/2	194,102	1/2	178,873	1/2	163,645	1/2	148,417	1/2	133,189	1/2	117,961	1/2	102,730
3/4		3/4		3/4	208,975	3/4	193,784	3/4	178,556	3/4	163,328	3/4	148,100	3/4	132,872	3/4	117,644	3/4	102,413

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 379"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,861	0	71,628	0	56,394	0	41,241	0	26,027	0	10,794	0		0		0		0	
1/4	86,544	1/4	71,310	1/4	56,077	1/4	40,926	1/4	25,710	1/4	10,477	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,227	1/2	70,993	1/2	55,759	1/2	40,611	1/2	25,393	1/2	10,160	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,909	3/4	70,676	3/4	55,442	3/4	40,295	3/4	25,075	3/4	9,842	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,592	1	70,358	1	55,125	1	39,980	1	24,758	1	9,525	1	1	1	1	1	1	1	1
1/4	85,275	1/4	70,041	1/4	54,807	1/4	39,665	1/4	24,441	1/4	9,208	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,957	1/2	69,724	1/2	54,490	1/2	39,350	1/2	24,123	1/2	8,890	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,640	3/4	69,406	3/4	54,172	3/4	39,034	3/4	23,806	3/4	8,573	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,323	2	69,089	2	53,855	2	38,718	2	23,489	2	8,255	2	2	2	2	2	2	2	2
1/4	84,005	1/4	68,771	1/4	53,538	1/4	38,403	1/4	23,171	1/4	7,938	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,688	1/2	68,454	1/2	53,220	1/2	38,087	1/2	22,854	1/2	7,621	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,370	3/4	68,137	3/4	52,905	3/4	37,770	3/4	22,537	3/4	7,303	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,053	3	67,819	3	52,589	3	37,452	3	22,219	3	6,986	3	3	3	3	3	3	3	3
1/4	82,736	1/4	67,502	1/4	52,273	1/4	37,135	1/4	21,902	1/4	6,669	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,418	1/2	67,185	1/2	51,957	1/2	36,818	1/2	21,584	1/2	6,352	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,101	3/4	66,867	3/4	51,642	3/4	36,500	3/4	21,267	3/4	6,035	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,784	4	66,550	4	51,327	4	36,183	4	20,950	4	5,718	4	4	4	4	4	4	4	4
1/4	81,466	1/4	66,232	1/4	51,012	1/4	35,866	1/4	20,632	1/4	5,401	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,149	1/2	65,915	1/2	50,697	1/2	35,548	1/2	20,315	1/2	5,084	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,831	3/4	65,598	3/4	50,382	3/4	35,231	3/4	19,998	3/4	4,768	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,514	5	65,280	5	50,066	5	34,913	5	19,680	5	4,452	5	5	5	5	5	5	5	5
1/4	80,197	1/4	64,963	1/4	49,751	1/4	34,596	1/4	19,363	1/4	4,136	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,879	1/2	64,646	1/2	49,436	1/2	34,279	1/2	19,046	1/2	3,820	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,562	3/4	64,328	3/4	49,121	3/4	33,961	3/4	18,728	3/4	3,503	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,245	6	64,011	6	48,806	6	33,644	6	18,411	6	3,239	6	6	6	6	6	6	6	6
1/4	78,927	1/4	63,694	1/4	48,490	1/4	33,327	1/4	18,094	1/4	2,948	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,610	1/2	63,376	1/2	48,175	1/2	33,009	1/2	17,776	1/2	2,657	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,293	3/4	63,059	3/4	47,860	3/4	32,692	3/4	17,459	3/4	2,419	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,975	7	62,741	7	47,545	7	32,375	7	17,141	7	2,181	7	7	7	7	7	7	7	7
1/4	77,658	1/4	62,424	1/4	47,230	1/4	32,057	1/4	16,824	1/4	1,943	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,340	1/2	62,107	1/2	46,914	1/2	31,740	1/2	16,507	1/2	1,705	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,023	3/4	61,789	3/4	46,599	3/4	31,423	3/4	16,189	3/4	1,520	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,706	8	61,472	8	46,284	8	31,105	8	15,872	8	1,335	8	8	8	8	8	8	8	8
1/4	76,388	1/4	61,155	1/4	45,969	1/4	30,788	1/4	15,555	1/4	1,150	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,071	1/2	60,837	1/2	45,654	1/2	30,470	1/2	15,237	1/2	965	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,754	3/4	60,520	3/4	45,338	3/4	30,153	3/4	14,920	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,436	9	60,202	9	45,023	9	29,836	9	14,603	9		9	9	9	9	9	9	9	9
1/4	75,119	1/4	59,885	1/4	44,708	1/4	29,518	1/4	14,285	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,801	1/2	59,568	1/2	44,393	1/2	29,201	1/2	13,968	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,484	3/4	59,250	3/4	44,078	3/4	28,884	3/4	13,651	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	74,167	10	58,933	10	43,762	10	28,566	10	13,333	10		10	10	10	10	10	10	10	10
1/4	73,849	1/4	58,616	1/4	43,447	1/4	28,249	1/4	13,016	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,532	1/2	58,298	1/2	43,132	1/2	27,932	1/2	12,698	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,215	3/4	57,981	3/4	42,817	3/4	27,614	3/4	12,381	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,897	11	57,663	11	42,502	11	27,297	11	12,064	11		11	11	11	11	11	11	11	11
1/4	72,580	1/4	57,346	1/4	42,187	1/4	26,980	1/4	11,746	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,262	1/2	57,029	1/2	41,871	1/2	26,662	1/2	11,429	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,945	3/4	56,711	3/4	41,556	3/4	26,345	3/4	11,112	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

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



BARGE "CBC 379"

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	221,469	0	207,407	0	192,264	0	177,087	0	161,910	0	146,733	0	131,556	0	116,379	0	101,199		
1/4	1/4	221,288	1/4	207,092	1/4	191,948	1/4	176,771	1/4	161,594	1/4	146,417	1/4	131,240	1/4	116,063	1/4	100,883	1/4		
1/2	1/2	221,106	1/2	206,777	1/2	191,632	1/2	176,455	1/2	161,278	1/2	146,101	1/2	130,924	1/2	115,747	1/2	100,566	1/2		
3/4	3/4	220,925	3/4	206,462	3/4	191,316	3/4	176,139	3/4	160,962	3/4	145,785	3/4	130,608	3/4	115,431	3/4	100,250	3/4		
1		1	220,743	1	206,147	1	191,000	1	175,823	1	160,646	1	145,469	1	130,292	1	115,114	1	99,934		
1/4	1/4	220,510	1/4	205,832	1/4	190,683	1/4	175,506	1/4	160,329	1/4	145,152	1/4	129,975	1/4	114,798	1/4	99,617	1/4		
1/2	1/2	220,277	1/2	205,517	1/2	190,367	1/2	175,190	1/2	160,013	1/2	144,836	1/2	129,659	1/2	114,482	1/2	99,301	1/2		
3/4	3/4	220,044	3/4	205,202	3/4	190,051	3/4	174,874	3/4	159,697	3/4	144,520	3/4	129,343	3/4	114,166	3/4	98,985	3/4		
2		2	219,811	2	204,887	2	189,735	2	174,558	2	159,381	2	144,204	2	129,027	2	113,850	2	98,669		
1/4	1/4	219,526	1/4	204,572	1/4	189,419	1/4	174,242	1/4	159,065	1/4	143,888	1/4	128,711	1/4	113,534	1/4	98,352	1/4		
1/2	1/2	219,240	1/2	204,257	1/2	189,102	1/2	173,925	1/2	158,748	1/2	143,571	1/2	128,394	1/2	113,217	1/2	98,036	1/2		
3/4	3/4	218,955	3/4	203,942	3/4	188,786	3/4	173,609	3/4	158,432	3/4	143,255	3/4	128,078	3/4	112,901	3/4	97,720	3/4		
3		3	218,669	3	203,628	3	188,470	3	173,293	3	158,116	3	142,939	3	127,762	3	112,585	3	97,403		
1/4	1/4	218,358	1/4	203,313	1/4	188,154	1/4	172,977	1/4	157,800	1/4	142,623	1/4	127,446	1/4	112,269	1/4	97,087	1/4		
1/2	1/2	218,048	1/2	202,998	1/2	187,838	1/2	172,661	1/2	157,484	1/2	142,307	1/2	127,130	1/2	111,953	1/2	96,771	1/2		
3/4	3/4	217,737	3/4	202,683	3/4	187,522	3/4	172,344	3/4	157,167	3/4	141,990	3/4	126,813	3/4	111,636	3/4	96,454	3/4		
4		4	217,427	4	202,368	4	187,205	4	172,028	4	156,851	4	141,674	4	126,497	4	111,320	4	96,138		
1/4	1/4	217,115	1/4	202,053	1/4	186,889	1/4	171,712	1/4	156,535	1/4	141,358	1/4	126,181	1/4	111,004	1/4	95,822	1/4		
1/2	1/2	216,803	1/2	201,738	1/2	186,573	1/2	171,396	1/2	156,219	1/2	141,042	1/2	125,865	1/2	110,688	1/2	95,505	1/2		
3/4	3/4	216,492	3/4	201,423	3/4	186,257	3/4	171,080	3/4	155,903	3/4	140,726	3/4	125,549	3/4	110,372	3/4	95,189	3/4		
5		5	216,180	5	201,108	5	185,941	5	170,764	5	155,587	5	140,410	5	125,233	5	110,055	5	94,873		
1/4	1/4	215,868	1/4	200,793	1/4	185,624	1/4	170,447	1/4	155,270	1/4	140,093	1/4	124,916	1/4	109,739	1/4	94,557	1/4		
1/2	1/2	215,556	1/2	200,478	1/2	185,308	1/2	170,131	1/2	154,954	1/2	139,777	1/2	124,600	1/2	109,423	1/2	94,240	1/2		
3/4	3/4	215,244	3/4	200,163	3/4	184,992	3/4	169,815	3/4	154,638	3/4	139,461	3/4	124,284	3/4	109,107	3/4	93,924	3/4		
6		6	214,932	6	199,848	6	184,676	6	169,499	6	154,322	6	139,145	6	123,968	6	108,790	6	93,608		
1/4	1/4	214,620	1/4	199,533	1/4	184,360	1/4	169,183	1/4	154,006	1/4	138,829	1/4	123,652	1/4	108,474	1/4	93,291	1/4		
1/2	1/2	214,308	1/2	199,218	1/2	184,043	1/2	168,866	1/2	153,689	1/2	138,512	1/2	123,335	1/2	108,158	1/2	92,975	1/2		
3/4	3/4	213,996	3/4	198,903	3/4	183,727	3/4	168,550	3/4	153,373	3/4	138,196	3/4	123,019	3/4	107,841	3/4	92,659	3/4		
7		7	213,684	7	198,588	7	183,411	7	168,234	7	153,057	7	137,880	7	122,703	7	107,525	7	92,342		
1/4	1/4	213,372	1/4	198,272	1/4	183,095	1/4	167,918	1/4	152,741	1/4	137,564	1/4	122,387	1/4	107,209	1/4	92,026	1/4		
1/2	1/2	213,060	1/2	197,956	1/2	182,779	1/2	167,602	1/2	152,425	1/2	137,248	1/2	122,071	1/2	106,892	1/2	91,710	1/2		
3/4	3/4	212,748	3/4	197,640	3/4	182,462	3/4	167,285	3/4	152,108	3/4	136,931	3/4	121,754	3/4	106,576	3/4	91,394	3/4		
8		8	212,436	8	197,323	8	182,146	8	166,969	8	151,792	8	136,615	8	121,438	8	106,260	8	91,077		
1/4	1/4	212,124	1/4	197,007	1/4	181,830	1/4	166,653	1/4	151,476	1/4	136,299	1/4	121,122	1/4	105,944	1/4	90,761	1/4		
1/2	1/2	211,812	1/2	196,691	1/2	181,514	1/2	166,337	1/2	151,160	1/2	135,983	1/2	120,806	1/2	105,627	1/2	90,445	1/2		
3/4	3/4	211,500	3/4	196,375	3/4	181,198	3/4	166,021	3/4	150,844	3/4	135,667	3/4	120,490	3/4	105,311	3/4	90,128	3/4		
9		9	211,187	9	196,059	9	180,882	9	165,705	9	150,528	9	135,351	9	120,174	9	104,995	9	89,812		
1/4	1/4	210,872	1/4	195,742	1/4	180,565	1/4	165,388	1/4	150,211	1/4	135,034	1/4	119,857	1/4	104,678	1/4	89,496	1/4		
1/2	1/2	210,557	1/2	195,426	1/2	180,249	1/2	165,072	1/2	149,895	1/2	134,718	1/2	119,541	1/2	104,362	1/2	89,179	1/2		
3/4	3/4	210,242	3/4	195,110	3/4	179,933	3/4	164,756	3/4	149,579	3/4	134,402	3/4	119,225	3/4	104,046	3/4	88,863	3/4		
10		10	209,927	10	194,794	10	179,617	10	164,440	10	149,263	10	134,086	10	118,909	10	103,729	10	88,547		
1/4	1/4	209,612	1/4	194,478	1/4	179,301	1/4	164,124	1/4	148,947	1/4	133,770	1/4	118,593	1/4	103,413	1/4	88,230	1/4		
1/2	1/2	209,297	1/2	194,161	1/2	178,984	1/2	163,807	1/2	148,630	1/2	133,453	1/2	118,276	1/2	103,097	1/2	87,914	1/2		
3/4	3/4	208,982	3/4	193,845	3/4	178,668	3/4	163,491	3/4	148,314	3/4	133,137	3/4	117,960	3/4	102,780	3/4	87,598	3/4		
11		11	208,667	11	193,529	11	178,352	11	163,175	11	147,998	11	132,821	11	117,644	11	102,464	11	87,282		
1/4	1/4	208,352	1/4	193,213	1/4	178,036	1/4	162,859	1/4	147,682	1/4	132,505	1/4	117,328	1/4	102,148	1/4	86,965	1/4		
1/2	1/2	208,037	1/2	192,897	1/2	177,720	1/2	162,543	1/2	147,366	1/2	132,189	1/2	117,012	1/2	101,832	1/2	86,649	1/2		
3/4	3/4	207,722	3/4	192,581	3/4	177,403	3/4	162,226	3/4	147,049	3/4	131,872	3/4	116,695	3/4	101,515	3/4	86,333	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 379"

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	86,016	0	70,834	0	55,651	0	40,487	0	25,307	0	10,125	0		0		0		0	
1/4	85,700	1/4	70,517	1/4	55,335	1/4	40,171	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	85,384	1/2	70,201	1/2	55,019	1/2	39,856	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	85,067	3/4	69,885	3/4	54,702	3/4	39,540	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	84,751	1	69,569	1	54,386	1	39,224	1	24,042	1	8,860	1	1	1	1	1	1	1	1
1/4	84,435	1/4	69,252	1/4	54,070	1/4	38,908	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	84,119	1/2	68,936	1/2	53,753	1/2	38,591	1/2	23,409	1/2	8,227	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,802	3/4	68,620	3/4	53,437	3/4	38,275	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	83,486	2	68,303	2	53,121	2	37,959	2	22,777	2	7,595	2	2	2	2	2	2	2	2
1/4	83,170	1/4	67,987	1/4	52,804	1/4	37,642	1/4	22,460	1/4	7,279	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,853	1/2	67,671	1/2	52,488	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	82,537	3/4	67,354	3/4	52,172	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	82,221	3	67,038	3	51,855	3	36,694	3	21,512	3	6,330	3	3	3	3	3	3	3	3
1/4	81,904	1/4	66,722	1/4	51,540	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	81,588	1/2	66,405	1/2	51,224	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	81,272	3/4	66,089	3/4	50,908	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	80,955	4	65,773	4	50,592	4	35,428	4	20,246	4	5,066	4	4	4	4	4	4	4	4
1/4	80,639	1/4	65,457	1/4	50,277	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	80,323	1/2	65,140	1/2	49,961	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	80,007	3/4	64,824	3/4	49,645	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	79,690	5	64,508	5	49,329	5	34,163	5	18,981	5	3,807	5	5	5	5	5	5	5	5
1/4	79,374	1/4	64,191	1/4	49,013	1/4	33,847	1/4	18,665	1/4	3,517	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,058	1/2	63,875	1/2	48,698	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	78,741	3/4	63,559	3/4	48,382	3/4	33,214	3/4	18,032	3/4	2,938	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,425	6	63,242	6	48,066	6	32,898	6	17,716	6	2,648	6	6	6	6	6	6	6	6
1/4	78,109	1/4	62,926	1/4	47,750	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	77,792	1/2	62,610	1/2	47,434	1/2	32,266	1/2	17,084	1/2	2,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,476	3/4	62,294	3/4	47,119	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	77,160	7	61,977	7	46,803	7	31,633	7	16,451	7	1,699	7	7	7	7	7	7	7	7
1/4	76,844	1/4	61,661	1/4	46,487	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	76,527	1/2	61,345	1/2	46,171	1/2	31,000	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	76,211	3/4	61,028	3/4	45,855	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	75,895	8	60,712	8	45,540	8	30,368	8	15,186	8	961	8	8	8	8	8	8	8	8
1/4	75,578	1/4	60,396	1/4	45,224	1/4	30,051	1/4	14,869	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,262	1/2	60,079	1/2	44,908	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	74,946	3/4	59,763	3/4	44,592	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	74,629	9	59,447	9	44,277	9	29,103	9	13,921	9		9	9	9	9	9	9	9	9
1/4	74,313	1/4	59,130	1/4	43,961	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	73,997	1/2	58,814	1/2	43,645	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	73,680	3/4	58,498	3/4	43,329	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	73,364	10	58,182	10	43,013	10	27,837	10	12,655	10		10	10	10	10	10	10	10	10
1/4	73,048	1/4	57,865	1/4	42,698	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	72,732	1/2	57,549	1/2	42,382	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	72,415	3/4	57,233	3/4	42,066	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	72,099	11	56,916	11	41,750	11	26,572	11	11,390	11		11	11	11	11	11	11	11	11
1/4	71,783	1/4	56,600	1/4	41,434	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	71,466	1/2	56,284	1/2	41,119	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	71,150	3/4	55,967	3/4	40,803	3/4	25,623	3/4	10,441	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

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



BARGE "CBC 379"

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		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

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BARGE "CBC 379"

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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

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



BARGE "CBC 379"

3 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	179,245	0	171,134	0	163,004	0	154,875	0	146,313	0	131,279	0	116,192	0	101,080
1/4	1/4	186,168	179,077	179,077	170,964	170,964	162,835	162,835	154,706	154,706	146,000	146,000	130,965	130,965	115,877	115,877	100,765	100,765	85,653
1/2	1/2	186,131	178,908	178,908	170,795	170,795	162,666	162,666	154,536	154,536	145,686	145,686	130,651	130,651	115,563	115,563	100,450	100,450	85,341
3/4	3/4	186,095	178,739	178,739	170,626	170,626	162,496	162,496	154,367	154,367	145,373	145,373	130,336	130,336	115,248	115,248	100,135	100,135	85,029
1		186,058	178,570	178,570	170,456	170,456	162,327	162,327	154,198	154,198	145,059	145,059	130,022	130,022	114,933	114,933	99,820	99,820	84,717
1/4	1/4	186,022	178,402	178,402	170,287	170,287	162,158	162,158	154,028	154,028	144,746	144,746	129,708	129,708	114,618	114,618	99,506	99,506	84,405
1/2	1/2	185,933	178,233	178,233	170,118	170,118	161,988	161,988	153,859	153,859	144,432	144,432	129,394	129,394	114,303	114,303	99,191	99,191	84,093
3/4	3/4	185,845	178,064	178,064	169,948	169,948	161,819	161,819	153,690	153,690	144,119	144,119	129,079	129,079	113,989	113,989	98,876	98,876	83,781
2		185,757	177,895	177,895	169,779	169,779	161,649	161,649	153,520	153,520	143,805	143,805	128,765	128,765	113,674	113,674	98,561	98,561	83,469
1/4	1/4	185,668	177,727	177,727	169,609	169,609	161,480	161,480	153,351	153,351	143,492	143,492	128,451	128,451	113,359	113,359	98,246	98,246	83,157
1/2	1/2	185,527	177,558	177,558	169,440	169,440	161,311	161,311	153,181	153,181	143,178	143,178	128,137	128,137	113,044	113,044	97,931	97,931	82,845
3/4	3/4	185,386	177,389	177,389	169,271	169,271	161,141	161,141	153,012	153,012	142,865	142,865	127,822	127,822	112,729	112,729	97,616	97,616	82,533
3		185,246	177,220	177,220	169,101	169,101	160,972	160,972	152,843	152,843	142,552	142,552	127,508	127,508	112,415	112,415	97,301	97,301	82,221
1/4	1/4	185,105	177,052	177,052	168,932	168,932	160,803	160,803	152,673	152,673	142,238	142,238	127,194	127,194	112,100	112,100	96,987	96,987	81,909
1/2	1/2	184,939	176,883	176,883	168,763	168,763	160,633	160,633	152,504	152,504	141,925	141,925	126,879	126,879	111,785	111,785	96,672	96,672	81,597
3/4	3/4	184,774	176,714	176,714	168,593	168,593	160,464	160,464	152,335	152,335	141,611	141,611	126,565	126,565	111,470	111,470	96,357	96,357	81,285
4		184,608	176,545	176,545	168,424	168,424	160,295	160,295	152,165	152,165	141,298	141,298	126,251	126,251	111,155	111,155	96,042	96,042	80,973
1/4	1/4	184,442	176,377	176,377	168,255	168,255	160,125	160,125	151,996	151,996	140,984	140,984	125,937	125,937	110,840	110,840	95,727	95,727	80,661
1/2	1/2	184,276	176,208	176,208	168,085	168,085	159,956	159,956	151,827	151,827	140,671	140,671	125,622	125,622	110,526	110,526	95,412	95,412	80,349
3/4	3/4	184,109	176,039	176,039	167,916	167,916	159,787	159,787	151,657	151,657	140,357	140,357	125,308	125,308	110,211	110,211	95,097	95,097	80,037
5		183,942	175,870	175,870	167,746	167,746	159,617	159,617	151,488	151,488	140,044	140,044	124,994	124,994	109,896	109,896	94,782	94,782	79,725
1/4	1/4	183,775	175,702	175,702	167,577	167,577	159,448	159,448	151,319	151,319	139,730	139,730	124,680	124,680	109,581	109,581	94,468	94,468	79,413
1/2	1/2	183,608	175,533	175,533	167,408	167,408	159,278	159,278	151,149	151,149	139,417	139,417	124,365	124,365	109,266	109,266	94,153	94,153	79,101
3/4	3/4	183,441	175,364	175,364	167,238	167,238	159,109	159,109	150,980	150,980	139,104	139,104	124,051	124,051	108,952	108,952	93,838	93,838	78,789
6		183,274	175,195	175,195	167,069	167,069	158,940	158,940	150,810	150,810	138,792	138,792	123,737	123,737	108,637	108,637	93,523	93,523	78,477
1/4	1/4	183,107	175,027	175,027	166,900	166,900	158,770	158,770	150,641	150,641	138,479	138,479	123,422	123,422	108,322	108,322	93,208	93,208	78,165
1/2	1/2	182,940	174,858	174,858	166,730	166,730	158,601	158,601	150,472	150,472	138,166	138,166	123,108	123,108	108,007	108,007	92,893	92,893	77,853
3/4	3/4	182,773	174,689	174,689	166,561	166,561	158,432	158,432	150,302	150,302	137,853	137,853	122,794	122,794	107,692	107,692	92,578	92,578	77,541
7		182,606	174,520	174,520	166,392	166,392	158,262	158,262	150,133	150,133	137,540	137,540	122,480	122,480	107,377	107,377	92,264	92,264	77,229
1/4	1/4	182,439	174,352	174,352	166,222	166,222	158,093	158,093	149,964	149,964	137,227	137,227	122,165	122,165	107,062	107,062	91,949	91,949	76,917
1/2	1/2	182,271	174,182	174,182	166,053	166,053	157,924	157,924	149,794	149,794	136,915	136,915	121,851	121,851	106,747	106,747	91,634	91,634	76,605
3/4	3/4	182,104	174,013	174,013	165,884	165,884	157,754	157,754	149,625	149,625	136,602	136,602	121,537	121,537	106,433	106,433	91,319	91,319	76,293
8		181,937	173,843	173,843	165,714	165,714	157,585	157,585	149,456	149,456	136,289	136,289	121,223	121,223	106,118	106,118	91,004	91,004	75,981
1/4	1/4	181,770	173,674	173,674	165,545	165,545	157,415	157,415	149,286	149,286	135,976	135,976	120,908	120,908	105,803	105,803	90,689	90,689	75,669
1/2	1/2	181,603	173,505	173,505	165,375	165,375	157,246	157,246	149,117	149,117	135,663	135,663	120,594	120,594	105,488	105,488	90,374	90,374	75,357
3/4	3/4	181,436	173,335	173,335	165,206	165,206	157,077	157,077	148,947	148,947	135,350	135,350	120,280	120,280	105,173	105,173	90,059	90,059	75,045
9		181,269	173,166	173,166	165,037	165,037	156,907	156,907	148,778	148,778	135,038	135,038	119,965	119,965	104,858	104,858	89,745	89,745	74,733
1/4	1/4	181,102	172,997	172,997	164,867	164,867	156,738	156,738	148,609	148,609	134,725	134,725	119,651	119,651	104,543	104,543	89,430	89,430	74,421
1/2	1/2	180,933	172,827	172,827	164,698	164,698	156,569	156,569	148,439	148,439	134,412	134,412	119,337	119,337	104,229	104,229	89,115	89,115	74,109
3/4	3/4	180,764	172,658	172,658	164,529	164,529	156,399	156,399	148,270	148,270	134,099	134,099	119,023	119,023	103,914	103,914	88,800	88,800	73,797
10		180,595	172,489	172,489	164,359	164,359	156,230	156,230	148,101	148,101	133,786	133,786	118,708	118,708	103,599	103,599	88,485	88,485	73,485
1/4	1/4	180,427	172,319	172,319	164,190	164,190	156,061	156,061	147,931	147,931	133,473	133,473	118,394	118,394	103,284	103,284	88,170	88,170	73,173
1/2	1/2	180,258	172,150	172,150	164,021	164,021	155,891	155,891	147,762	147,762	133,161	133,161	118,080	118,080	102,969	102,969	87,855	87,855	72,861
3/4	3/4	180,089	171,980	171,980	163,851	163,851	155,722	155,722	147,593	147,593	132,848	132,848	117,766	117,766	102,654	102,654	87,541	87,541	72,549
11		179,920	171,811	171,811	163,682	163,682	155,553	155,553	147,423	147,423	132,535	132,535	117,451	117,451	102,339	102,339	87,226	87,226	72,237
1/4	1/4	179,752	171,642	171,642	163,512	163,512	155,383	155,383	147,254	147,254	132,222	132,222	117,137	117,137	102,024	102,024	86,911	86,911	71,925
1/2	1/2	179,583	171,472	171,472	163,343	163,343	155,214	155,214	146,940	146,940	131,908	131,908	116,822	116,822	101,710	101,710	86,596	86,596	71,613
3/4	3/4	179,414	171,303	171,303	163,174	163,174	155,044	155,044	146,627	146,627	131,594	131,594	116,507	116,507	101,395	101,395	86,281	86,281	71,301

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.



BARGE "CBC 379"

3 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	85,966	0	70,849	0	55,732	0	40,627	0	25,514	0	10,397	0		0		0		0	
1/4	85,651	1/4	70,534	1/4	55,417	1/4	40,313	1/4	25,199	1/4	10,082	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,336	1/2	70,219	1/2	55,102	1/2	39,998	1/2	24,884	1/2	9,767	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,021	3/4	69,904	3/4	54,787	3/4	39,684	3/4	24,569	3/4	9,452	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,707	1	69,589	1	54,472	1	39,369	1	24,254	1	9,137	1	1	1	1	1	1	1	1
1/4	84,392	1/4	69,274	1/4	54,157	1/4	39,055	1/4	23,939	1/4	8,822	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,077	1/2	68,959	1/2	53,842	1/2	38,740	1/2	23,624	1/2	8,507	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,762	3/4	68,644	3/4	53,527	3/4	38,425	3/4	23,309	3/4	8,192	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,447	2	68,329	2	53,212	2	38,111	2	22,994	2	7,878	2	2	2	2	2	2	2	2
1/4	83,132	1/4	68,015	1/4	52,897	1/4	37,796	1/4	22,679	1/4	7,563	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,817	1/2	67,700	1/2	52,582	1/2	37,481	1/2	22,364	1/2	7,248	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,502	3/4	67,385	3/4	52,267	3/4	37,166	3/4	22,049	3/4	6,933	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,187	3	67,070	3	51,952	3	36,851	3	21,734	3	6,618	3	3	3	3	3	3	3	3
1/4	81,872	1/4	66,755	1/4	51,637	1/4	36,536	1/4	21,420	1/4	6,303	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,557	1/2	66,440	1/2	51,323	1/2	36,221	1/2	21,105	1/2	5,989	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,242	3/4	66,125	3/4	51,008	3/4	35,906	3/4	20,790	3/4	5,674	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,927	4	65,810	4	50,693	4	35,591	4	20,475	4	5,360	4	4	4	4	4	4	4	4
1/4	80,612	1/4	65,495	1/4	50,378	1/4	35,276	1/4	20,160	1/4	5,045	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,297	1/2	65,180	1/2	50,064	1/2	34,962	1/2	19,845	1/2	4,732	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,982	3/4	64,865	3/4	49,749	3/4	34,647	3/4	19,530	3/4	4,418	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,667	5	64,550	5	49,435	5	34,332	5	19,215	5	4,105	5	5	5	5	5	5	5	5
1/4	79,352	1/4	64,235	1/4	49,120	1/4	34,017	1/4	18,900	1/4	3,791	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,038	1/2	63,920	1/2	48,805	1/2	33,702	1/2	18,585	1/2	3,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,723	3/4	63,605	3/4	48,491	3/4	33,387	3/4	18,270	3/4	3,214	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,408	6	63,290	6	48,176	6	33,072	6	17,955	6	2,926	6	6	6	6	6	6	6	6
1/4	78,093	1/4	62,975	1/4	47,862	1/4	32,757	1/4	17,640	1/4	2,637	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,778	1/2	62,660	1/2	47,547	1/2	32,442	1/2	17,325	1/2	2,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,463	3/4	62,346	3/4	47,233	3/4	32,127	3/4	17,011	3/4	2,165	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,148	7	62,031	7	46,918	7	31,812	7	16,696	7	1,928	7	7	7	7	7	7	7	7
1/4	76,833	1/4	61,716	1/4	46,604	1/4	31,497	1/4	16,381	1/4	1,692	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,518	1/2	61,401	1/2	46,289	1/2	31,182	1/2	16,066	1/2	1,509	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,203	3/4	61,086	3/4	45,975	3/4	30,867	3/4	15,751	3/4	1,325	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,888	8	60,771	8	45,660	8	30,553	8	15,436	8	1,141	8	8	8	8	8	8	8	8
1/4	75,573	1/4	60,456	1/4	45,345	1/4	30,238	1/4	15,121	1/4	957	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,258	1/2	60,141	1/2	45,031	1/2	29,923	1/2	14,806	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,943	3/4	59,826	3/4	44,716	3/4	29,608	3/4	14,491	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,628	9	59,511	9	44,402	9	29,293	9	14,176	9		9	9	9	9	9	9	9	9
1/4	74,313	1/4	59,196	1/4	44,087	1/4	28,978	1/4	13,861	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,998	1/2	58,881	1/2	43,773	1/2	28,663	1/2	13,546	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,684	3/4	58,566	3/4	43,458	3/4	28,348	3/4	13,231	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,369	10	58,251	10	43,144	10	28,033	10	12,916	10		10	10	10	10	10	10	10	10
1/4	73,054	1/4	57,936	1/4	42,829	1/4	27,718	1/4	12,601	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,739	1/2	57,621	1/2	42,515	1/2	27,403	1/2	12,287	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,424	3/4	57,306	3/4	42,200	3/4	27,088	3/4	11,972	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,109	11	56,992	11	41,885	11	26,773	11	11,657	11		11	11	11	11	11	11	11	11
1/4	71,794	1/4	56,677	1/4	41,571	1/4	26,458	1/4	11,342	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,479	1/2	56,362	1/2	41,256	1/2	26,143	1/2	11,027	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,164	3/4	56,047	3/4	40,942	3/4	25,829	3/4	10,712	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

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



BARGE "CBC 379"

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	
0		0	184,997	0	177,934	0	169,850	0	161,749	0	153,648	0	144,970	0	129,963	0	114,912	0	99,827
1/4	1/4	184,961	1/4	177,766	1/4	169,681	1/4	161,580	1/4	153,479	1/4	144,657	1/4	129,650	1/4	114,597	1/4	99,513	
1/2	1/2	184,925	1/2	177,597	1/2	169,512	1/2	161,411	1/2	153,310	1/2	144,344	1/2	129,336	1/2	114,283	1/2	99,199	
3/4	3/4	184,889	3/4	177,429	3/4	169,343	3/4	161,242	3/4	153,141	3/4	144,031	3/4	129,022	3/4	113,969	3/4	98,885	
1		1	184,853	1	177,261	1	169,175	1	161,074	1	152,973	1	143,718	1	128,709	1	113,655	1	98,570
1/4	1/4	184,765	1/4	177,093	1/4	169,006	1/4	160,905	1/4	152,804	1/4	143,406	1/4	128,395	1/4	113,341	1/4	98,256	
1/2	1/2	184,678	1/2	176,925	1/2	168,837	1/2	160,736	1/2	152,635	1/2	143,093	1/2	128,082	1/2	113,026	1/2	97,942	
3/4	3/4	184,590	3/4	176,757	3/4	168,668	3/4	160,567	3/4	152,466	3/4	142,780	3/4	127,769	3/4	112,712	3/4	97,628	
2		2	184,502	2	176,588	2	168,500	2	160,399	2	152,297	2	142,467	2	127,455	2	112,398	2	97,313
1/4	1/4	184,362	1/4	176,420	1/4	168,331	1/4	160,230	1/4	152,129	1/4	142,154	1/4	127,142	1/4	112,084	1/4	96,999	
1/2	1/2	184,221	1/2	176,252	1/2	168,162	1/2	160,061	1/2	151,960	1/2	141,841	1/2	126,828	1/2	111,769	1/2	96,685	
3/4	3/4	184,081	3/4	176,084	3/4	167,993	3/4	159,892	3/4	151,791	3/4	141,528	3/4	126,515	3/4	111,455	3/4	96,370	
3		3	183,941	3	175,916	3	167,825	3	159,723	3	151,622	3	141,215	3	126,202	3	111,141	3	96,056
1/4	1/4	183,776	1/4	175,748	1/4	167,656	1/4	159,555	1/4	151,454	1/4	140,902	1/4	125,888	1/4	110,827	1/4	95,742	
1/2	1/2	183,611	1/2	175,579	1/2	167,487	1/2	159,386	1/2	151,285	1/2	140,589	1/2	125,575	1/2	110,513	1/2	95,428	
3/4	3/4	183,446	3/4	175,411	3/4	167,318	3/4	159,217	3/4	151,116	3/4	140,277	3/4	125,262	3/4	110,198	3/4	95,113	
4		4	183,281	4	175,243	4	167,149	4	159,048	4	150,947	4	139,964	4	124,948	4	109,884	4	94,799
1/4	1/4	183,115	1/4	175,075	1/4	166,981	1/4	158,880	1/4	150,779	1/4	139,651	1/4	124,635	1/4	109,570	1/4	94,485	
1/2	1/2	182,948	1/2	174,907	1/2	166,812	1/2	158,711	1/2	150,610	1/2	139,338	1/2	124,321	1/2	109,256	1/2	94,170	
3/4	3/4	182,782	3/4	174,739	3/4	166,643	3/4	158,542	3/4	150,441	3/4	139,025	3/4	124,008	3/4	108,941	3/4	93,856	
5		5	182,616	5	174,571	5	166,474	5	158,373	5	150,272	5	138,712	5	123,695	5	108,627	5	93,542
1/4	1/4	182,450	1/4	174,402	1/4	166,306	1/4	158,205	1/4	150,103	1/4	138,400	1/4	123,381	1/4	108,313	1/4	93,228	
1/2	1/2	182,283	1/2	174,234	1/2	166,137	1/2	158,036	1/2	149,935	1/2	138,088	1/2	123,068	1/2	107,999	1/2	92,913	
3/4	3/4	182,117	3/4	174,066	3/4	165,968	3/4	157,867	3/4	149,766	3/4	137,775	3/4	122,755	3/4	107,684	3/4	92,599	
6		6	181,950	6	173,898	6	165,799	6	157,698	6	149,597	6	137,463	6	122,441	6	107,370	6	92,285
1/4	1/4	181,784	1/4	173,730	1/4	165,630	1/4	157,529	1/4	149,428	1/4	137,151	1/4	122,128	1/4	107,056	1/4	91,970	
1/2	1/2	181,617	1/2	173,562	1/2	165,462	1/2	157,361	1/2	149,260	1/2	136,839	1/2	121,815	1/2	106,742	1/2	91,656	
3/4	3/4	181,451	3/4	173,393	3/4	165,293	3/4	157,192	3/4	149,091	3/4	136,526	3/4	121,501	3/4	106,427	3/4	91,342	
7		7	181,284	7	173,225	7	165,124	7	157,023	7	148,922	7	136,214	7	121,188	7	106,113	7	91,028
1/4	1/4	181,117	1/4	173,056	1/4	164,955	1/4	156,854	1/4	148,753	1/4	135,902	1/4	120,874	1/4	105,799	1/4	90,713	
1/2	1/2	180,951	1/2	172,888	1/2	164,787	1/2	156,686	1/2	148,585	1/2	135,590	1/2	120,560	1/2	105,484	1/2	90,399	
3/4	3/4	180,784	3/4	172,719	3/4	164,618	3/4	156,517	3/4	148,416	3/4	135,277	3/4	120,247	3/4	105,170	3/4	90,085	
8		8	180,618	8	172,550	8	164,449	8	156,348	8	148,247	8	134,965	8	119,933	8	104,856	8	89,771
1/4	1/4	180,451	1/4	172,381	1/4	164,280	1/4	156,179	1/4	148,078	1/4	134,653	1/4	119,619	1/4	104,542	1/4	89,456	
1/2	1/2	180,285	1/2	172,213	1/2	164,112	1/2	156,010	1/2	147,909	1/2	134,341	1/2	119,306	1/2	104,227	1/2	89,142	
3/4	3/4	180,118	3/4	172,044	3/4	163,943	3/4	155,842	3/4	147,741	3/4	134,028	3/4	118,992	3/4	103,913	3/4	88,828	
9		9	179,952	9	171,875	9	163,774	9	155,673	9	147,572	9	133,716	9	118,678	9	103,599	9	88,513
1/4	1/4	179,784	1/4	171,706	1/4	163,605	1/4	155,504	1/4	147,403	1/4	133,404	1/4	118,365	1/4	103,285	1/4	88,199	
1/2	1/2	179,615	1/2	171,538	1/2	163,436	1/2	155,335	1/2	147,234	1/2	133,092	1/2	118,051	1/2	102,970	1/2	87,885	
3/4	3/4	179,447	3/4	171,369	3/4	163,268	3/4	155,167	3/4	147,066	3/4	132,779	3/4	117,737	3/4	102,656	3/4	87,571	
10		10	179,279	10	171,200	10	163,099	10	154,998	10	146,897	10	132,467	10	117,424	10	102,342	10	87,256
1/4	1/4	179,111	1/4	171,031	1/4	162,930	1/4	154,829	1/4	146,728	1/4	132,155	1/4	117,110	1/4	102,027	1/4	86,942	
1/2	1/2	178,943	1/2	170,862	1/2	162,761	1/2	154,660	1/2	146,559	1/2	131,843	1/2	116,796	1/2	101,713	1/2	86,628	
3/4	3/4	178,775	3/4	170,694	3/4	162,593	3/4	154,492	3/4	146,390	3/4	131,530	3/4	116,483	3/4	101,399	3/4	86,313	
11		11	178,606	11	170,525	11	162,424	11	154,323	11	146,222	11	131,218	11	116,169	11	101,085	11	85,999
1/4	1/4	178,438	1/4	170,356	1/4	162,255	1/4	154,154	1/4	146,054	1/4	130,904	1/4	115,855	1/4	100,770	1/4	85,685	
1/2	1/2	178,270	1/2	170,187	1/2	162,086	1/2	153,985	1/2	145,886	1/2	130,591	1/2	115,540	1/2	100,456	1/2	85,371	
3/4	3/4	178,102	3/4	170,019	3/4	161,918	3/4	153,816	3/4	145,717	3/4	130,277	3/4	115,226	3/4	100,142	3/4	85,056	

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 379"

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	84,742	0	69,653	0	54,626	0	39,988	0	25,160	0	10,067	0		0		0		0	
1/4	84,428	1/4	69,339	1/4	54,315	1/4	39,688	1/4	24,846	1/4	9,753	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,113	1/2	69,024	1/2	54,003	1/2	39,388	1/2	24,532	1/2	9,438	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,799	3/4	68,710	3/4	53,691	3/4	39,087	3/4	24,217	3/4	9,124	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	83,485	1	68,396	1	53,379	1	38,787	1	23,903	1	8,809	1	1	1	1	1	1	1	1
1/4	83,170	1/4	68,081	1/4	53,067	1/4	38,487	1/4	23,588	1/4	8,495	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,856	1/2	67,767	1/2	52,756	1/2	38,186	1/2	23,274	1/2	8,181	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,542	3/4	67,453	3/4	52,444	3/4	37,886	3/4	22,959	3/4	7,866	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,227	2	67,138	2	52,132	2	37,586	2	22,645	2	7,552	2	2	2	2	2	2	2	2
1/4	81,913	1/4	66,824	1/4	51,821	1/4	37,284	1/4	22,330	1/4	7,237	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,599	1/2	66,509	1/2	51,510	1/2	36,983	1/2	22,016	1/2	6,923	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,284	3/4	66,195	3/4	51,199	3/4	36,681	3/4	21,702	3/4	6,609	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	80,970	3	65,881	3	50,888	3	36,380	3	21,387	3	6,294	3	3	3	3	3	3	3	3
1/4	80,655	1/4	65,566	1/4	50,577	1/4	36,079	1/4	21,073	1/4	5,980	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,341	1/2	65,252	1/2	50,266	1/2	35,777	1/2	20,758	1/2	5,666	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,027	3/4	64,938	3/4	49,955	3/4	35,476	3/4	20,444	3/4	5,351	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	79,712	4	64,623	4	49,644	4	35,175	4	20,129	4	5,037	4	4	4	4	4	4	4	4
1/4	79,398	1/4	64,309	1/4	49,332	1/4	34,872	1/4	19,815	1/4	4,724	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,084	1/2	63,995	1/2	49,020	1/2	34,570	1/2	19,500	1/2	4,411	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,769	3/4	63,680	3/4	48,708	3/4	34,267	3/4	19,186	3/4	4,098	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	78,455	5	63,366	5	48,395	5	33,965	5	18,872	5	3,785	5	5	5	5	5	5	5	5
1/4	78,141	1/4	63,052	1/4	48,095	1/4	33,650	1/4	18,557	1/4	3,498	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,826	1/2	62,737	1/2	47,795	1/2	33,336	1/2	18,243	1/2	3,210	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,512	3/4	62,423	3/4	47,495	3/4	33,021	3/4	17,928	3/4	2,922	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,198	6	62,109	6	47,194	6	32,707	6	17,614	6	2,635	6	6	6	6	6	6	6	6
1/4	76,883	1/4	61,797	1/4	46,894	1/4	32,393	1/4	17,299	1/4	2,399	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,569	1/2	61,485	1/2	46,594	1/2	32,078	1/2	16,985	1/2	2,163	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,254	3/4	61,173	3/4	46,294	3/4	31,764	3/4	16,670	3/4	1,927	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	75,940	7	60,861	7	45,993	7	31,449	7	16,356	7	1,692	7	7	7	7	7	7	7	7
1/4	75,626	1/4	60,550	1/4	45,693	1/4	31,135	1/4	16,042	1/4	1,508	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,311	1/2	60,238	1/2	45,393	1/2	30,820	1/2	15,727	1/2	1,324	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,997	3/4	59,926	3/4	45,093	3/4	30,506	3/4	15,413	3/4	1,141	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	74,683	8	59,614	8	44,792	8	30,191	8	15,098	8	957	8	8	8	8	8	8	8	8
1/4	74,368	1/4	59,303	1/4	44,492	1/4	29,877	1/4	14,784	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,054	1/2	58,991	1/2	44,192	1/2	29,563	1/2	14,469	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,740	3/4	58,679	3/4	43,891	3/4	29,248	3/4	14,155	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	73,425	9	58,367	9	43,591	9	28,934	9	13,841	9		9	9	9	9	9	9	9	9
1/4	73,111	1/4	58,056	1/4	43,291	1/4	28,619	1/4	13,526	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,797	1/2	57,744	1/2	42,991	1/2	28,305	1/2	13,212	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,482	3/4	57,432	3/4	42,690	3/4	27,990	3/4	12,897	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,168	10	57,120	10	42,390	10	27,676	10	12,583	10		10	10	10	10	10	10	10	10
1/4	71,854	1/4	56,809	1/4	42,090	1/4	27,361	1/4	12,268	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,539	1/2	56,497	1/2	41,790	1/2	27,047	1/2	11,954	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,225	3/4	56,185	3/4	41,489	3/4	26,733	3/4	11,639	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	70,910	11	55,873	11	41,189	11	26,418	11	11,325	11		11	11	11	11	11	11	11	11
1/4	70,596	1/4	55,562	1/4	40,889	1/4	26,104	1/4	11,011	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,282	1/2	55,250	1/2	40,589	1/2	25,789	1/2	10,696	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	69,967	3/4	54,938	3/4	40,288	3/4	25,475	3/4	10,382	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: 03/12/2013 SW
CALCULATED: 03/14/2013 CL
PRINTED: 03/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2013

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