



BARGE "CBC 385"

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	00-1/4	- 00-1/4
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	00-1/4	- 00-1/4
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	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"

June 25, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 385"

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 385"

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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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



BARGE "CBC 385"

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 385"

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	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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 385"

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	45,539	0	60,711	0	75,894	0	91,076	0	106,259	0	121,437	0	136,614
1/4	1,146	1/4	15,502	1/4	30,684	1/4	45,855	1/4	61,028	1/4	76,210	1/4	91,392	1/4	106,575	1/4	121,753	1/4	136,930
1/2	1,330	1/2	15,818	1/2	31,000	1/2	46,171	1/2	61,344	1/2	76,526	1/2	91,709	1/2	106,891	1/2	122,069	1/2	137,246
3/4	1,515	3/4	16,135	3/4	31,316	3/4	46,487	3/4	61,660	3/4	76,843	3/4	92,025	3/4	107,207	3/4	122,385	3/4	137,562
1	1,699	1	16,451	1	31,633	1	46,802	1	61,977	1	77,159	1	92,341	1	107,524	1	122,701	1	137,878
1/4	1,936	1/4	16,767	1/4	31,949	1/4	47,118	1/4	62,293	1/4	77,475	1/4	92,658	1/4	107,840	1/4	123,018	1/4	138,194
1/2	2,174	1/2	17,083	1/2	32,265	1/2	47,434	1/2	62,609	1/2	77,792	1/2	92,974	1/2	108,156	1/2	123,334	1/2	138,511
3/4	2,411	3/4	17,400	3/4	32,582	3/4	47,750	3/4	62,925	3/4	78,108	3/4	93,290	3/4	108,473	3/4	123,650	3/4	138,827
2	2,648	2	17,716	2	32,898	2	48,066	2	63,242	2	78,424	2	93,607	2	108,789	2	123,966	2	139,143
1/4	2,938	1/4	18,032	1/4	33,214	1/4	48,381	1/4	63,558	1/4	78,740	1/4	93,923	1/4	109,105	1/4	124,282	1/4	139,459
1/2	3,228	1/2	18,349	1/2	33,530	1/2	48,697	1/2	63,874	1/2	79,057	1/2	94,239	1/2	109,422	1/2	124,599	1/2	139,775
3/4	3,518	3/4	18,665	3/4	33,847	3/4	49,013	3/4	64,191	3/4	79,373	3/4	94,555	3/4	109,738	3/4	124,915	3/4	140,092
3	3,807	3	18,981	3	34,163	3	49,329	3	64,507	3	79,689	3	94,872	3	110,054	3	125,231	3	140,408
1/4	4,122	1/4	19,297	1/4	34,479	1/4	49,644	1/4	64,823	1/4	80,006	1/4	95,188	1/4	110,370	1/4	125,547	1/4	140,724
1/2	4,437	1/2	19,614	1/2	34,796	1/2	49,960	1/2	65,140	1/2	80,322	1/2	95,504	1/2	110,687	1/2	125,863	1/2	141,040
3/4	4,752	3/4	19,930	3/4	35,112	3/4	50,276	3/4	65,456	3/4	80,638	3/4	95,821	3/4	111,003	3/4	126,180	3/4	141,356
4	5,067	4	20,246	4	35,428	4	50,592	4	65,772	4	80,955	4	96,137	4	111,319	4	126,496	4	141,673
1/4	5,382	1/4	20,563	1/4	35,744	1/4	50,908	1/4	66,088	1/4	81,271	1/4	96,453	1/4	111,635	1/4	126,812	1/4	141,989
1/2	5,698	1/2	20,879	1/2	36,061	1/2	51,223	1/2	66,405	1/2	81,587	1/2	96,770	1/2	111,951	1/2	127,128	1/2	142,305
3/4	6,014	3/4	21,195	3/4	36,377	3/4	51,539	3/4	66,721	3/4	81,903	3/4	97,086	3/4	112,267	3/4	127,444	3/4	142,621
5	6,330	5	21,511	5	36,693	5	51,855	5	67,037	5	82,220	5	97,402	5	112,584	5	127,760	5	142,937
1/4	6,646	1/4	21,828	1/4	37,010	1/4	52,171	1/4	67,354	1/4	82,536	1/4	97,718	1/4	112,900	1/4	128,077	1/4	143,253
1/2	6,962	1/2	22,144	1/2	37,326	1/2	52,488	1/2	67,670	1/2	82,852	1/2	98,035	1/2	113,216	1/2	128,393	1/2	143,570
3/4	7,279	3/4	22,460	3/4	37,642	3/4	52,804	3/4	67,986	3/4	83,169	3/4	98,351	3/4	113,532	3/4	128,709	3/4	143,886
6	7,595	6	22,777	6	37,958	6	53,120	6	68,303	6	83,485	6	98,667	6	113,848	6	129,025	6	144,202
1/4	7,911	1/4	23,093	1/4	38,275	1/4	53,436	1/4	68,619	1/4	83,801	1/4	98,984	1/4	114,165	1/4	129,341	1/4	144,518
1/2	8,227	1/2	23,409	1/2	38,591	1/2	53,753	1/2	68,935	1/2	84,118	1/2	99,300	1/2	114,481	1/2	129,658	1/2	144,834
3/4	8,544	3/4	23,726	3/4	38,907	3/4	54,069	3/4	69,251	3/4	84,434	3/4	99,616	3/4	114,797	3/4	129,974	3/4	145,151
7	8,860	7	24,042	7	39,224	7	54,385	7	69,568	7	84,750	7	99,933	7	115,113	7	130,290	7	145,467
1/4	9,176	1/4	24,358	1/4	39,539	1/4	54,702	1/4	69,884	1/4	85,066	1/4	100,249	1/4	115,429	1/4	130,606	1/4	145,783
1/2	9,493	1/2	24,674	1/2	39,855	1/2	55,018	1/2	70,200	1/2	85,383	1/2	100,565	1/2	115,745	1/2	130,922	1/2	146,099
3/4	9,809	3/4	24,991	3/4	40,171	3/4	55,334	3/4	70,517	3/4	85,699	3/4	100,881	3/4	116,062	3/4	131,238	3/4	146,415
8	10,125	8	25,307	8	40,487	8	55,651	8	70,833	8	86,015	8	101,198	8	116,378	8	131,555	8	146,731
1/4	10,441	1/4	25,623	1/4	40,803	1/4	55,967	1/4	71,149	1/4	86,332	1/4	101,514	1/4	116,694	1/4	131,871	1/4	147,048
1/2	10,758	1/2	25,940	1/2	41,118	1/2	56,283	1/2	71,466	1/2	86,648	1/2	101,830	1/2	117,010	1/2	132,187	1/2	147,364
3/4	11,074	3/4	26,256	3/4	41,434	3/4	56,599	3/4	71,782	3/4	86,964	3/4	102,147	3/4	117,326	3/4	132,503	3/4	147,680
9	11,390	9	26,572	9	41,750	9	56,916	9	72,098	9	87,281	9	102,463	9	117,643	9	132,819	9	147,996
1/4	11,707	1/4	26,888	1/4	42,066	1/4	57,232	1/4	72,414	1/4	87,597	1/4	102,779	1/4	117,959	1/4	133,136	1/4	148,312
1/2	12,023	1/2	27,205	1/2	42,381	1/2	57,548	1/2	72,731	1/2	87,913	1/2	103,096	1/2	118,275	1/2	133,452	1/2	148,629
3/4	12,339	3/4	27,521	3/4	42,697	3/4	57,865	3/4	73,047	3/4	88,229	3/4	103,412	3/4	118,591	3/4	133,768	3/4	148,945
10	12,655	10	27,837	10	43,013	10	58,181	10	73,363	10	88,546	10	103,728	10	118,907	10	134,084	10	149,261
1/4	12,972	1/4	28,154	1/4	43,329	1/4	58,497	1/4	73,680	1/4	88,862	1/4	104,044	1/4	119,223	1/4	134,400	1/4	149,577
1/2	13,288	1/2	28,470	1/2	43,645	1/2	58,814	1/2	73,996	1/2	89,178	1/2	104,361	1/2	119,540	1/2	134,716	1/2	149,893
3/4	13,604	3/4	28,786	3/4	43,960	3/4	59,130	3/4	74,312	3/4	89,495	3/4	104,677	3/4	119,856	3/4	135,033	3/4	150,209
11	13,921	11	29,102	11	44,276	11	59,446	11	74,629	11	89,811	11	104,993	11	120,172	11	135,349	11	150,526
1/4	14,237	1/4	29,419	1/4	44,592	1/4	59,762	1/4	74,945	1/4	90,127	1/4	105,310	1/4	120,488	1/4	135,665	1/4	150,842
1/2	14,553	1/2	29,735	1/2	44,908	1/2	60,079	1/2	75,261	1/2	90,444	1/2	105,626	1/2	120,804	1/2	135,981	1/2	151,158
3/4	14,869	3/4	30,051	3/4	45,223	3/4	60,395	3/4	75,577	3/4	90,760	3/4	105,942	3/4	121,121	3/4	136,297	3/4	151,474

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

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BARGE "CBC 385"

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	151,790	0	166,967	0	182,144	0	197,321	0	212,433	0		0		0		0		0	
1/4	152,107	1/4	167,283	1/4	182,460	1/4	197,637	1/4	212,745	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,423	1/2	167,600	1/2	182,776	1/2	197,953	1/2	213,057	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,739	3/4	167,916	3/4	183,093	3/4	198,269	3/4	213,369	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,055	1	168,232	1	183,409	1	198,586	1	213,681	1	1	1	1	1	1	1	1	1	1
1/4	153,371	1/4	168,548	1/4	183,725	1/4	198,900	1/4	213,993	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,687	1/2	168,864	1/2	184,041	1/2	199,215	1/2	214,305	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,004	3/4	169,180	3/4	184,357	3/4	199,530	3/4	214,617	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,320	2	169,497	2	184,673	2	199,845	2	214,929	2	2	2	2	2	2	2	2	2	2
1/4	154,636	1/4	169,813	1/4	184,990	1/4	200,160	1/4	215,241	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,952	1/2	170,129	1/2	185,306	1/2	200,475	1/2	215,553	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,268	3/4	170,445	3/4	185,622	3/4	200,790	3/4	215,865	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,585	3	170,761	3	185,938	3	201,105	3	216,177	3	3	3	3	3	3	3	3	3	3
1/4	155,901	1/4	171,078	1/4	186,254	1/4	201,420	1/4	216,489	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,217	1/2	171,394	1/2	186,571	1/2	201,735	1/2	216,801	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,533	3/4	171,710	3/4	186,887	3/4	202,050	3/4	217,112	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,849	4	172,026	4	187,203	4	202,365	4	217,424	4	4	4	4	4	4	4	4	4	4
1/4	157,165	1/4	172,342	1/4	187,519	1/4	202,680	1/4	217,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,482	1/2	172,658	1/2	187,835	1/2	202,995	1/2	218,045	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,798	3/4	172,975	3/4	188,151	3/4	203,310	3/4	218,356	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,114	5	173,291	5	188,468	5	203,625	5	218,666	5	5	5	5	5	5	5	5	5	5
1/4	158,430	1/4	173,607	1/4	188,784	1/4	203,940	1/4	218,952	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,746	1/2	173,923	1/2	189,100	1/2	204,255	1/2	219,237	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,063	3/4	174,239	3/4	189,416	3/4	204,570	3/4	219,523	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,379	6	174,556	6	189,732	6	204,885	6	219,809	6	6	6	6	6	6	6	6	6	6
1/4	159,695	1/4	174,872	1/4	190,049	1/4	205,200	1/4	220,041	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,011	1/2	175,188	1/2	190,365	1/2	205,515	1/2	220,274	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,327	3/4	175,504	3/4	190,681	3/4	205,830	3/4	220,507	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,644	7	175,820	7	190,997	7	206,145	7	220,740	7	7	7	7	7	7	7	7	7	7
1/4	160,960	1/4	176,136	1/4	191,313	1/4	206,460	1/4	220,922	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,276	1/2	176,453	1/2	191,629	1/2	206,774	1/2	221,103	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,592	3/4	176,769	3/4	191,946	3/4	207,089	3/4	221,285	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,908	8	177,085	8	192,262	8	207,404	8	221,466	8	8	8	8	8	8	8	8	8	8
1/4	162,224	1/4	177,401	1/4	192,578	1/4	207,719	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,541	1/2	177,717	1/2	192,894	1/2	208,034	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,857	3/4	178,034	3/4	193,210	3/4	208,349	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,173	9	178,350	9	193,527	9	208,664	9		9	9	9	9	9	9	9	9	9	9
1/4	163,489	1/4	178,666	1/4	193,843	1/4	208,979	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,805	1/2	178,982	1/2	194,159	1/2	209,294	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,122	3/4	179,298	3/4	194,475	3/4	209,609	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,438	10	179,615	10	194,791	10	209,924	10		10	10	10	10	10	10	10	10	10	10
1/4	164,754	1/4	179,931	1/4	195,107	1/4	210,240	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,070	1/2	180,247	1/2	195,424	1/2	210,555	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,386	3/4	180,563	3/4	195,740	3/4	210,870	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,702	11	180,879	11	196,056	11	211,185	11		11	11	11	11	11	11	11	11	11	11
1/4	166,019	1/4	181,195	1/4	196,372	1/4	211,497	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,335	1/2	181,512	1/2	196,688	1/2	211,809	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,651	3/4	181,828	3/4	197,005	3/4	212,121	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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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BARGE "CBC 385"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 385"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,125	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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 385"

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 385"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
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BARGE "CBC 385"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	957	0	15,099	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.

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BARGE "CBC 385"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,247	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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 385"

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	- 00-1/4	00-1/4
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	- 00-1/4	00-1/4
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 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"

June 25, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "CBC 385"

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	
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
1/2		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
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
1		1	221,670	1	207,158	1	191,961	1	176,733	1	161,504	1	146,276	1	131,048	1	115,820	1	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
1/2		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
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
2		2	220,786	2	205,894	2	190,692	2	175,463	2	160,235	2	145,007	2	129,779	2	114,551	2	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
1/2		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
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		3	219,693	3	204,630	3	189,423	3	174,194	3	158,966	3	143,738	3	128,510	3	113,282	3	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
1/2		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
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
4		4	218,472	4	203,366	4	188,154	4	172,925	4	157,697	4	142,469	4	127,241	4	112,013	4	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
1/2		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
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
5		5	217,222	5	202,102	5	186,885	5	171,656	5	156,428	5	141,200	5	125,972	5	110,744	5	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
1/2		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
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
6		6	215,970	6	200,838	6	185,616	6	170,387	6	155,159	6	139,931	6	124,703	6	109,475	6	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
1/2		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
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
7		7	214,718	7	199,574	7	184,347	7	169,118	7	153,890	7	138,662	7	123,434	7	108,205	7	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
1/2		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
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
8		8	213,465	8	198,306	8	183,078	8	167,849	8	152,621	8	137,393	8	122,165	8	106,936	8	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
1/2		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
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
9		9	212,213	9	197,037	9	181,809	9	166,580	9	151,352	9	136,124	9	120,896	9	105,666	9	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
1/2		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
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
10		10	210,951	10	195,768	10	180,540	10	165,311	10	150,083	10	134,855	10	119,627	10	104,397	10	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
1/2		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
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
11		11	209,687	11	194,499	11	179,271	11	164,042	11	148,814	11	133,586	11	118,358	11	103,127	11	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
1/2		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
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

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 385"

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		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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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



BARGE "CBC 385"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	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	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	1/2	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	1/2	101,460		
3/4	3/4	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	3/4	101,143
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	100,826
1/4	1/4	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	1/4	100,508
1/2	1/2	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	1/2	100,191
3/4	3/4	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	3/4	99,874
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	2	99,556
1/4	1/4	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	1/4	99,239
1/2	1/2	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	1/2	98,922
3/4	3/4	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	3/4	98,604
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	3	98,287
1/4	1/4	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	1/4	97,969
1/2	1/2	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	1/2	97,652
3/4	3/4	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	3/4	97,335
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	4	97,017
1/4	1/4	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	1/4	96,700
1/2	1/2	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	1/2	96,383
3/4	3/4	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	3/4	96,065
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	5	95,748
1/4	1/4	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	1/4	95,430
1/2	1/2	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	1/2	95,113
3/4	3/4	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	3/4	94,796
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	6	94,478
1/4	1/4	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	1/4	94,161
1/2	1/2	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	1/2	93,844
3/4	3/4	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	3/4	93,526
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	7	93,209
1/4	1/4	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	1/4	92,892
1/2	1/2	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	1/2	92,574
3/4	3/4	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	3/4	92,257
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	8	91,939
1/4	1/4	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	1/4	91,622
1/2	1/2	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	1/2	91,305
3/4	3/4	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	3/4	90,987
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	9	90,670
1/4	1/4	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	1/4	90,353
1/2	1/2	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	1/2	90,035
3/4	3/4	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	3/4	89,718
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	10	89,400
1/4	1/4	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	1/4	89,083
1/2	1/2	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	1/2	88,766
3/4	3/4	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	3/4	88,448
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	11	88,131
1/4	1/4	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	1/4	87,814
1/2	1/2	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	1/2	87,496
3/4	3/4	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	3/4	87,179

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 385"

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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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



BARGE "CBC 385"

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	221,466	0	207,404	0	192,262	0	177,085	0	161,908	0	146,731	0	131,555	0	116,378	0	101,198		
1/4	1/4	221,285	1/4	207,089	1/4	191,946	1/4	176,769	1/4	161,592	1/4	146,415	1/4	131,238	1/4	116,062	1/4	100,881	1/4		
1/2	1/2	221,103	1/2	206,774	1/2	191,629	1/2	176,453	1/2	161,276	1/2	146,099	1/2	130,922	1/2	115,745	1/2	100,565	1/2		
3/4	3/4	220,922	3/4	206,459	3/4	191,313	3/4	176,136	3/4	160,960	3/4	145,783	3/4	130,606	3/4	115,429	3/4	100,249	3/4		
1		1	220,740	1	206,144	1	190,997	1	175,820	1	160,643	1	145,467	1	130,290	1	115,113	1	99,932		
1/4	1/4	220,507	1/4	205,829	1/4	190,681	1/4	175,504	1/4	160,327	1/4	145,150	1/4	129,974	1/4	114,797	1/4	99,616	1/4		
1/2	1/2	220,274	1/2	205,515	1/2	190,365	1/2	175,188	1/2	160,011	1/2	144,834	1/2	129,657	1/2	114,481	1/2	99,300	1/2		
3/4	3/4	220,041	3/4	205,200	3/4	190,048	3/4	174,872	3/4	159,695	3/4	144,518	3/4	129,341	3/4	114,164	3/4	98,984	3/4		
2		2	219,808	2	204,885	2	189,732	2	174,555	2	159,379	2	144,202	2	129,025	2	113,848	2	98,667		
1/4	1/4	219,523	1/4	204,570	1/4	189,416	1/4	174,239	1/4	159,062	1/4	143,886	1/4	128,709	1/4	113,532	1/4	98,351	1/4		
1/2	1/2	219,237	1/2	204,255	1/2	189,100	1/2	173,923	1/2	158,746	1/2	143,569	1/2	128,393	1/2	113,216	1/2	98,035	1/2		
3/4	3/4	218,952	3/4	203,940	3/4	188,784	3/4	173,607	3/4	158,430	3/4	143,253	3/4	128,077	3/4	112,900	3/4	97,718	3/4		
3		3	218,666	3	203,625	3	188,468	3	173,291	3	158,114	3	142,937	3	127,760	3	112,584	3	97,402		
1/4	1/4	218,355	1/4	203,310	1/4	188,151	1/4	172,975	1/4	157,798	1/4	142,621	1/4	127,444	1/4	112,267	1/4	97,086	1/4		
1/2	1/2	218,045	1/2	202,995	1/2	187,835	1/2	172,658	1/2	157,482	1/2	142,305	1/2	127,128	1/2	111,951	1/2	96,769	1/2		
3/4	3/4	217,734	3/4	202,680	3/4	187,519	3/4	172,342	3/4	157,165	3/4	141,989	3/4	126,812	3/4	111,635	3/4	96,453	3/4		
4		4	217,424	4	202,365	4	187,203	4	172,026	4	156,849	4	141,672	4	126,496	4	111,319	4	96,137		
1/4	1/4	217,112	1/4	202,050	1/4	186,887	1/4	171,710	1/4	156,533	1/4	141,356	1/4	126,179	1/4	111,003	1/4	95,821	1/4		
1/2	1/2	216,801	1/2	201,735	1/2	186,570	1/2	171,394	1/2	156,217	1/2	141,040	1/2	125,863	1/2	110,686	1/2	95,504	1/2		
3/4	3/4	216,489	3/4	201,420	3/4	186,254	3/4	171,077	3/4	155,901	3/4	140,724	3/4	125,547	3/4	110,370	3/4	95,188	3/4		
5		5	216,177	5	201,105	5	185,938	5	170,761	5	155,584	5	140,408	5	125,231	5	110,054	5	94,872		
1/4	1/4	215,865	1/4	200,790	1/4	185,622	1/4	170,445	1/4	155,268	1/4	140,091	1/4	124,915	1/4	109,738	1/4	94,555	1/4		
1/2	1/2	215,553	1/2	200,475	1/2	185,306	1/2	170,129	1/2	154,952	1/2	139,775	1/2	124,598	1/2	109,421	1/2	94,239	1/2		
3/4	3/4	215,241	3/4	200,160	3/4	184,990	3/4	169,813	3/4	154,636	3/4	139,459	3/4	124,282	3/4	109,105	3/4	93,923	3/4		
6		6	214,929	6	199,845	6	184,673	6	169,497	6	154,320	6	139,143	6	123,966	6	108,789	6	93,606		
1/4	1/4	214,617	1/4	199,530	1/4	184,357	1/4	169,180	1/4	154,004	1/4	138,827	1/4	123,650	1/4	108,473	1/4	93,290	1/4		
1/2	1/2	214,305	1/2	199,215	1/2	184,041	1/2	168,864	1/2	153,687	1/2	138,511	1/2	123,334	1/2	108,156	1/2	92,974	1/2		
3/4	3/4	213,993	3/4	198,900	3/4	183,725	3/4	168,548	3/4	153,371	3/4	138,194	3/4	123,018	3/4	107,840	3/4	92,658	3/4		
7		7	213,681	7	198,585	7	183,409	7	168,232	7	153,055	7	137,878	7	122,701	7	107,524	7	92,341		
1/4	1/4	213,369	1/4	198,269	1/4	183,092	1/4	167,916	1/4	152,739	1/4	137,562	1/4	122,385	1/4	107,207	1/4	92,025	1/4		
1/2	1/2	213,057	1/2	197,953	1/2	182,776	1/2	167,599	1/2	152,423	1/2	137,246	1/2	122,069	1/2	106,891	1/2	91,709	1/2		
3/4	3/4	212,745	3/4	197,637	3/4	182,460	3/4	167,283	3/4	152,106	3/4	136,930	3/4	121,753	3/4	106,575	3/4	91,392	3/4		
8		8	212,433	8	197,321	8	182,144	8	166,967	8	151,790	8	136,613	8	121,437	8	106,258	8	91,076		
1/4	1/4	212,121	1/4	197,004	1/4	181,828	1/4	166,651	1/4	151,474	1/4	136,297	1/4	121,120	1/4	105,942	1/4	90,760	1/4		
1/2	1/2	211,809	1/2	196,688	1/2	181,511	1/2	166,335	1/2	151,158	1/2	135,981	1/2	120,804	1/2	105,626	1/2	90,443	1/2		
3/4	3/4	211,497	3/4	196,372	3/4	181,195	3/4	166,019	3/4	150,842	3/4	135,665	3/4	120,488	3/4	105,310	3/4	90,127	3/4		
9		9	211,185	9	196,056	9	180,879	9	165,702	9	150,526	9	135,349	9	120,172	9	104,993	9	89,811		
1/4	1/4	210,870	1/4	195,740	1/4	180,563	1/4	165,386	1/4	150,209	1/4	135,033	1/4	119,856	1/4	104,677	1/4	89,495	1/4		
1/2	1/2	210,555	1/2	195,424	1/2	180,247	1/2	165,070	1/2	149,893	1/2	134,716	1/2	119,540	1/2	104,361	1/2	89,178	1/2		
3/4	3/4	210,239	3/4	195,107	3/4	179,931	3/4	164,754	3/4	149,577	3/4	134,400	3/4	119,223	3/4	104,044	3/4	88,862	3/4		
10		10	209,924	10	194,791	10	179,614	10	164,438	10	149,261	10	134,084	10	118,907	10	103,728	10	88,546		
1/4	1/4	209,609	1/4	194,475	1/4	179,298	1/4	164,121	1/4	148,945	1/4	133,768	1/4	118,591	1/4	103,412	1/4	88,229	1/4		
1/2	1/2	209,294	1/2	194,159	1/2	178,982	1/2	163,805	1/2	148,628	1/2	133,452	1/2	118,275	1/2	103,095	1/2	87,913	1/2		
3/4	3/4	208,979	3/4	193,843	3/4	178,666	3/4	163,489	3/4	148,312	3/4	133,135	3/4	117,959	3/4	102,779	3/4	87,597	3/4		
11		11	208,664	11	193,526	11	178,350	11	163,173	11	147,996	11	132,819	11	117,642	11	102,463	11	87,280		
1/4	1/4	208,349	1/4	193,210	1/4	178,033	1/4	162,857	1/4	147,680	1/4	132,503	1/4	117,326	1/4	102,147	1/4	86,964	1/4		
1/2	1/2	208,034	1/2	192,894	1/2	177,717	1/2	162,540	1/2	147,364	1/2	132,187	1/2	117,010	1/2	101,830	1/2	86,648	1/2		
3/4	3/4	207,719	3/4	192,578	3/4	177,401	3/4	162,224	3/4	147,048	3/4	131,871	3/4	116,694	3/4	101,514	3/4	86,332	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 385"

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	86,015	0	70,833	0	55,650	0	40,487	0	25,307	0	10,125	0		0		0		0	
1/4	85,699	1/4	70,517	1/4	55,334	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	85,383	1/2	70,200	1/2	55,018	1/2	39,855	1/2	24,674	1/2	9,492	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,066	3/4	69,884	3/4	54,702	3/4	39,539	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	84,750	1	69,568	1	54,385	1	39,223	1	24,042	1	8,860	1	1	1	1	1	1	1	1
1/4	84,434	1/4	69,251	1/4	54,069	1/4	38,907	1/4	23,725	1/4	8,544	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,117	1/2	68,935	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	83,801	3/4	68,619	3/4	53,436	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	83,485	2	68,302	2	53,120	2	37,958	2	22,777	2	7,595	2	2	2	2	2	2	2	2
1/4	83,169	1/4	67,986	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	82,852	1/2	67,670	1/2	52,487	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	82,536	3/4	67,354	3/4	52,171	3/4	37,009	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	82,220	3	67,037	3	51,855	3	36,693	3	21,511	3	6,330	3	3	3	3	3	3	3	3
1/4	81,903	1/4	66,721	1/4	51,539	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	81,587	1/2	66,405	1/2	51,223	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	81,271	3/4	66,088	3/4	50,907	3/4	35,744	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	80,954	4	65,772	4	50,592	4	35,428	4	20,246	4	5,066	4	4	4	4	4	4	4	4
1/4	80,638	1/4	65,456	1/4	50,276	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	80,322	1/2	65,139	1/2	49,960	1/2	34,795	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	80,006	3/4	64,823	3/4	49,644	3/4	34,479	3/4	19,297	3/4	4,122	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,689	5	64,507	5	49,329	5	34,163	5	18,981	5	3,807	5	5	5	5	5	5	5	5
1/4	79,373	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	79,057	1/2	63,874	1/2	48,697	1/2	33,530	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	78,740	3/4	63,558	3/4	48,381	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	78,424	6	63,242	6	48,065	6	32,898	6	17,716	6	2,648	6	6	6	6	6	6	6	6
1/4	78,108	1/4	62,925	1/4	47,750	1/4	32,581	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	77,791	1/2	62,609	1/2	47,434	1/2	32,265	1/2	17,083	1/2	2,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,475	3/4	62,293	3/4	47,118	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	77,159	7	61,976	7	46,802	7	31,633	7	16,451	7	1,699	7	7	7	7	7	7	7	7
1/4	76,843	1/4	61,660	1/4	46,487	1/4	31,316	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	76,526	1/2	61,344	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	76,210	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	75,894	8	60,711	8	45,539	8	30,367	8	15,186	8	961	8	8	8	8	8	8	8	8
1/4	75,577	1/4	60,395	1/4	45,223	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	75,261	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	74,945	3/4	59,762	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	74,628	9	59,446	9	44,276	9	29,102	9	13,920	9		9	9	9	9	9	9	9	9
1/4	74,312	1/4	59,130	1/4	43,960	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	73,996	1/2	58,813	1/2	43,644	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	58,497	3/4	43,329	3/4	28,153	3/4	12,972	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,363	10	58,181	10	43,013	10	27,837	10	12,655	10		10	10	10	10	10	10	10	10
1/4	73,047	1/4	57,865	1/4	42,697	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	72,731	1/2	57,548	1/2	42,381	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	72,414	3/4	57,232	3/4	42,066	3/4	26,888	3/4	11,706	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,098	11	56,916	11	41,750	11	26,572	11	11,390	11		11	11	11	11	11	11	11	11
1/4	71,782	1/4	56,599	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	71,465	1/2	56,283	1/2	41,118	1/2	25,939	1/2	10,758	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,149	3/4	55,967	3/4	40,802	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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 385"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	207,055	0	191,913	0	176,736	0	161,559	0	146,382	0	131,205	0	116,028	0	100,848		
1/4	1/4	220,802	1/4	206,740	1/4	191,597	1/4	176,420	1/4	161,243	1/4	146,066	1/4	130,889	1/4	115,712	1/4	100,532	1/4		
1/2	1/2	220,621	1/2	206,425	1/2	191,281	1/2	176,104	1/2	160,927	1/2	145,750	1/2	130,573	1/2	115,396	1/2	100,215	1/2		
3/4	3/4	220,439	3/4	206,110	3/4	190,965	3/4	175,788	3/4	160,611	3/4	145,434	3/4	130,257	3/4	115,080	3/4	99,899	3/4		
1		220,258		205,795		190,649		175,472		160,295		145,118		129,941		114,763		99,583			
1/4	1/4	220,076	1/4	205,480	1/4	190,332	1/4	175,155	1/4	159,978	1/4	144,801	1/4	129,624	1/4	114,447	1/4	99,267	1/4		
1/2	1/2	219,843	1/2	205,165	1/2	190,016	1/2	174,839	1/2	159,662	1/2	144,485	1/2	129,308	1/2	114,131	1/2	98,950	1/2		
3/4	3/4	219,610	3/4	204,850	3/4	189,700	3/4	174,523	3/4	159,346	3/4	144,169	3/4	128,992	3/4	113,815	3/4	98,634	3/4		
2		219,377		204,535		189,384		174,207		159,030		143,853		128,676		113,499		98,318			
1/4	1/4	219,144	1/4	204,220	1/4	189,068	1/4	173,891	1/4	158,714	1/4	143,537	1/4	128,360	1/4	113,183	1/4	98,001	1/4		
1/2	1/2	218,859	1/2	203,905	1/2	188,751	1/2	173,574	1/2	158,397	1/2	143,220	1/2	128,043	1/2	112,866	1/2	97,685	1/2		
3/4	3/4	218,573	3/4	203,590	3/4	188,435	3/4	173,258	3/4	158,081	3/4	142,904	3/4	127,727	3/4	112,550	3/4	97,369	3/4		
3		218,288		203,275		188,119		172,942		157,765		142,588		127,411		112,234		97,052			
1/4	1/4	218,002	1/4	202,960	1/4	187,803	1/4	172,626	1/4	157,449	1/4	142,272	1/4	127,095	1/4	111,918	1/4	96,736	1/4		
1/2	1/2	217,691	1/2	202,645	1/2	187,487	1/2	172,310	1/2	157,133	1/2	141,956	1/2	126,779	1/2	111,602	1/2	96,420	1/2		
3/4	3/4	217,381	3/4	202,330	3/4	187,171	3/4	171,993	3/4	156,816	3/4	141,639	3/4	126,462	3/4	111,285	3/4	96,104	3/4		
4		217,070		202,015		186,854		171,677		156,500		141,323		126,146		110,969		95,787			
1/4	1/4	216,760	1/4	201,701	1/4	186,538	1/4	171,361	1/4	156,184	1/4	141,007	1/4	125,830	1/4	110,653	1/4	95,471	1/4		
1/2	1/2	216,448	1/2	201,386	1/2	186,222	1/2	171,045	1/2	155,868	1/2	140,691	1/2	125,514	1/2	110,337	1/2	95,155	1/2		
3/4	3/4	216,136	3/4	201,071	3/4	185,906	3/4	170,729	3/4	155,552	3/4	140,375	3/4	125,198	3/4	110,021	3/4	94,838	3/4		
5		215,825		200,756		185,590		170,413		155,236		140,059		124,882		109,704		94,522			
1/4	1/4	215,513	1/4	200,441	1/4	185,273	1/4	170,096	1/4	154,919	1/4	139,742	1/4	124,565	1/4	109,388	1/4	94,206	1/4		
1/2	1/2	215,201	1/2	200,126	1/2	184,957	1/2	169,780	1/2	154,603	1/2	139,426	1/2	124,249	1/2	109,072	1/2	93,889	1/2		
3/4	3/4	214,889	3/4	199,811	3/4	184,641	3/4	169,464	3/4	154,287	3/4	139,110	3/4	123,933	3/4	108,756	3/4	93,573	3/4		
6		214,577		199,496		184,325		169,148		153,971		138,794		123,617		108,439		93,257			
1/4	1/4	214,265	1/4	199,181	1/4	184,009	1/4	168,832	1/4	153,655	1/4	138,478	1/4	123,301	1/4	108,123	1/4	92,940	1/4		
1/2	1/2	213,953	1/2	198,866	1/2	183,692	1/2	168,515	1/2	153,338	1/2	138,161	1/2	122,984	1/2	107,807	1/2	92,624	1/2		
3/4	3/4	213,641	3/4	198,551	3/4	183,376	3/4	168,199	3/4	153,022	3/4	137,845	3/4	122,668	3/4	107,490	3/4	92,308	3/4		
7		213,329		198,236		183,060		167,883		152,706		137,529		122,352		107,174		91,992			
1/4	1/4	213,017	1/4	197,921	1/4	182,744	1/4	167,567	1/4	152,390	1/4	137,213	1/4	122,036	1/4	106,858	1/4	91,675	1/4		
1/2	1/2	212,705	1/2	197,605	1/2	182,428	1/2	167,251	1/2	152,074	1/2	136,897	1/2	121,720	1/2	106,542	1/2	91,359	1/2		
3/4	3/4	212,393	3/4	197,289	3/4	182,112	3/4	166,934	3/4	151,757	3/4	136,580	3/4	121,403	3/4	106,225	3/4	91,043	3/4		
8		212,081		196,972		181,795		166,618		151,441		136,264		121,087		105,909		90,726			
1/4	1/4	211,769	1/4	196,656	1/4	181,479	1/4	166,302	1/4	151,125	1/4	135,948	1/4	120,771	1/4	105,593	1/4	90,410	1/4		
1/2	1/2	211,457	1/2	196,340	1/2	181,163	1/2	165,986	1/2	150,809	1/2	135,632	1/2	120,455	1/2	105,276	1/2	90,094	1/2		
3/4	3/4	211,145	3/4	196,024	3/4	180,847	3/4	165,670	3/4	150,493	3/4	135,316	3/4	120,139	3/4	104,960	3/4	89,777	3/4		
9		210,832		195,708		180,531		165,354		150,177		135,000		119,822		104,644		89,461			
1/4	1/4	210,520	1/4	195,391	1/4	180,214	1/4	165,037	1/4	149,860	1/4	134,683	1/4	119,506	1/4	104,327	1/4	89,145	1/4		
1/2	1/2	210,205	1/2	195,075	1/2	179,898	1/2	164,721	1/2	149,544	1/2	134,367	1/2	119,190	1/2	104,011	1/2	88,829	1/2		
3/4	3/4	209,890	3/4	194,759	3/4	179,582	3/4	164,405	3/4	149,228	3/4	134,051	3/4	118,874	3/4	103,695	3/4	88,512	3/4		
10		209,575		194,443		179,266		164,089		148,912		133,735		118,558		103,379		88,196			
1/4	1/4	209,260	1/4	194,127	1/4	178,950	1/4	163,773	1/4	148,596	1/4	133,419	1/4	118,242	1/4	103,062	1/4	87,880	1/4		
1/2	1/2	208,945	1/2	193,810	1/2	178,633	1/2	163,456	1/2	148,279	1/2	133,102	1/2	117,925	1/2	102,746	1/2	87,563	1/2		
3/4	3/4	208,630	3/4	193,494	3/4	178,317	3/4	163,140	3/4	147,963	3/4	132,786	3/4	117,609	3/4	102,430	3/4	87,247	3/4		
11		208,315		193,178		178,001		162,824		147,647		132,470		117,293		102,113		86,931			
1/4	1/4	208,000	1/4	192,862	1/4	177,685	1/4	162,508	1/4	147,331	1/4	132,154	1/4	116,977	1/4	101,797	1/4	86,614	1/4		
1/2	1/2	207,685	1/2	192,546	1/2	177,369	1/2	162,192	1/2	147,015	1/2	131,838	1/2	116,661	1/2	101,481	1/2	86,298	1/2		
3/4	3/4	207,370	3/4	192,230	3/4	177,053	3/4	161,875	3/4	146,698	3/4	131,521	3/4	116,344	3/4	101,164	3/4	85,982	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 385"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,665	0	70,483	0	55,300	0	40,678	0	25,624	0	10,442	0		0		0		0	
1/4	85,349	1/4	70,167	1/4	54,984	1/4	40,376	1/4	25,307	1/4	10,125	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,033	1/2	69,850	1/2	54,668	1/2	40,074	1/2	24,991	1/2	9,809	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,717	3/4	69,534	3/4	54,351	3/4	39,772	3/4	24,675	3/4	9,493	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,400	1	69,218	1	54,035	1	39,470	1	24,358	1	9,176	1	1	1	1	1	1	1	1
1/4	84,084	1/4	68,901	1/4	53,719	1/4	39,168	1/4	24,042	1/4	8,860	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,768	1/2	68,585	1/2	53,402	1/2	38,866	1/2	23,726	1/2	8,544	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,451	3/4	68,269	3/4	53,086	3/4	38,564	3/4	23,410	3/4	8,227	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,135	2	67,952	2	52,770	2	38,261	2	23,093	2	7,911	2	2	2	2	2	2	2	2
1/4	82,819	1/4	67,636	1/4	52,454	1/4	37,959	1/4	22,777	1/4	7,595	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,502	1/2	67,320	1/2	52,151	1/2	37,643	1/2	22,461	1/2	7,279	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,186	3/4	67,004	3/4	51,849	3/4	37,326	3/4	22,144	3/4	6,962	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,870	3	66,687	3	51,546	3	37,010	3	21,828	3	6,646	3	3	3	3	3	3	3	3
1/4	81,554	1/4	66,371	1/4	51,244	1/4	36,694	1/4	21,512	1/4	6,330	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,237	1/2	66,055	1/2	50,942	1/2	36,377	1/2	21,195	1/2	6,014	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,921	3/4	65,738	3/4	50,640	3/4	36,061	3/4	20,879	3/4	5,698	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,605	4	65,422	4	50,338	4	35,745	4	20,563	4	5,382	4	4	4	4	4	4	4	4
1/4	80,288	1/4	65,106	1/4	50,036	1/4	35,429	1/4	20,247	1/4	5,067	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,972	1/2	64,789	1/2	49,734	1/2	35,112	1/2	19,930	1/2	4,752	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,656	3/4	64,473	3/4	49,433	3/4	34,796	3/4	19,614	3/4	4,437	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,339	5	64,157	5	49,131	5	34,480	5	19,298	5	4,122	5	5	5	5	5	5	5	5
1/4	79,023	1/4	63,840	1/4	48,829	1/4	34,163	1/4	18,981	1/4	3,807	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,707	1/2	63,524	1/2	48,527	1/2	33,847	1/2	18,665	1/2	3,518	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,390	3/4	63,208	3/4	48,225	3/4	33,531	3/4	18,349	3/4	3,228	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,074	6	62,892	6	47,923	6	33,215	6	18,033	6	2,938	6	6	6	6	6	6	6	6
1/4	77,758	1/4	62,575	1/4	47,621	1/4	32,898	1/4	17,716	1/4	2,648	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,442	1/2	62,259	1/2	47,319	1/2	32,582	1/2	17,400	1/2	2,411	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,125	3/4	61,943	3/4	47,018	3/4	32,266	3/4	17,084	3/4	2,174	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,809	7	61,626	7	46,716	7	31,949	7	16,767	7	1,936	7	7	7	7	7	7	7	7
1/4	76,493	1/4	61,310	1/4	46,414	1/4	31,633	1/4	16,451	1/4	1,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,176	1/2	60,994	1/2	46,112	1/2	31,317	1/2	16,135	1/2	1,515	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,860	3/4	60,677	3/4	45,810	3/4	31,001	3/4	15,818	3/4	1,330	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,544	8	60,361	8	45,508	8	30,684	8	15,502	8	1,146	8	8	8	8	8	8	8	8
1/4	75,227	1/4	60,045	1/4	45,206	1/4	30,368	1/4	15,186	1/4	961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,911	1/2	59,729	1/2	44,904	1/2	30,052	1/2	14,870	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,595	3/4	59,412	3/4	44,602	3/4	29,735	3/4	14,553	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,279	9	59,096	9	44,301	9	29,419	9	14,237	9		9	9	9	9	9	9	9	9
1/4	73,962	1/4	58,780	1/4	43,999	1/4	29,103	1/4	13,921	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,646	1/2	58,463	1/2	43,697	1/2	28,786	1/2	13,604	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,330	3/4	58,147	3/4	43,395	3/4	28,470	3/4	13,288	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,013	10	57,831	10	43,093	10	28,154	10	12,972	10		10	10	10	10	10	10	10	10
1/4	72,697	1/4	57,514	1/4	42,791	1/4	27,838	1/4	12,656	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,381	1/2	57,198	1/2	42,489	1/2	27,521	1/2	12,339	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,064	3/4	56,882	3/4	42,187	3/4	27,205	3/4	12,023	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,748	11	56,565	11	41,885	11	26,889	11	11,707	11		11	11	11	11	11	11	11	11
1/4	71,432	1/4	56,249	1/4	41,584	1/4	26,572	1/4	11,390	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,115	1/2	55,933	1/2	41,282	1/2	26,256	1/2	11,074	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,799	3/4	55,617	3/4	40,980	3/4	25,940	3/4	10,758	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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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



BARGE "CBC 385"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 385"

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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 385"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	178,270	0	170,187	0	162,086	0	153,985	0	145,596	0	130,591	0	115,540	0	100,456		
1/4	1/4	1/4	178,102	1/4	170,019	1/4	161,918	1/4	153,816	1/4	145,283	1/4	130,277	1/4	115,226	1/4	100,142				
1/2	1/2	184,997	177,934	169,850	161,749	153,648	144,970	129,963	114,912	99,827											
3/4	3/4	184,961	177,766	169,681	161,580	153,479	144,657	129,650	114,597	99,513											
1		1	184,925	1	177,597	1	169,512	1	161,411	1	153,310	1	144,344	1	129,336	1	114,283	1	99,199		
1/4	1/4	184,889	177,429	169,343	161,242	153,141	144,031	129,022	113,969	98,885											
1/2	1/2	184,853	177,261	169,175	161,074	152,973	143,718	128,709	113,655	98,570											
3/4	3/4	184,765	177,093	169,006	160,905	152,804	143,406	128,395	113,341	98,256											
2		2	184,678	2	176,925	2	168,837	2	160,736	2	152,635	2	143,093	2	128,082	2	113,026	2	97,942		
1/4	1/4	184,590	176,757	168,668	160,567	152,466	142,780	127,769	112,712	97,628											
1/2	1/2	184,502	176,588	168,500	160,399	152,297	142,467	127,455	112,398	97,313											
3/4	3/4	184,362	176,420	168,331	160,230	152,129	142,154	127,142	112,084	96,999											
3		3	184,221	3	176,252	3	168,162	3	160,061	3	151,960	3	141,841	3	126,828	3	111,769	3	96,685		
1/4	1/4	184,081	176,084	167,993	159,892	151,791	141,528	126,515	111,455	96,370											
1/2	1/2	183,941	175,916	167,825	159,723	151,622	141,215	126,202	111,141	96,056											
3/4	3/4	183,776	175,748	167,656	159,555	151,454	140,902	125,888	110,827	95,742											
4		4	183,611	4	175,579	4	167,487	4	159,386	4	151,285	4	140,589	4	125,575	4	110,513	4	95,428		
1/4	1/4	183,446	175,411	167,318	159,217	151,116	140,277	125,262	110,198	95,113											
1/2	1/2	183,281	175,243	167,149	159,048	150,947	139,964	124,948	109,884	94,799											
3/4	3/4	183,115	175,075	166,981	158,880	150,779	139,651	124,635	109,570	94,485											
5		5	182,948	5	174,907	5	166,812	5	158,711	5	150,610	5	139,338	5	124,321	5	109,256	5	94,170		
1/4	1/4	182,782	174,739	166,643	158,542	150,441	139,025	124,008	108,941	93,856											
1/2	1/2	182,616	174,571	166,474	158,373	150,272	138,712	123,695	108,627	93,542											
3/4	3/4	182,450	174,402	166,306	158,205	150,103	138,400	123,381	108,313	93,228											
6		6	182,283	6	174,234	6	166,137	6	158,036	6	149,935	6	138,088	6	123,068	6	107,999	6	92,913		
1/4	1/4	182,117	174,066	165,968	157,867	149,766	137,775	122,755	107,684	92,599											
1/2	1/2	181,950	173,898	165,799	157,698	149,597	137,463	122,441	107,370	92,285											
3/4	3/4	181,784	173,730	165,630	157,529	149,428	137,151	122,128	107,056	91,970											
7		7	181,617	7	173,562	7	165,462	7	157,361	7	149,260	7	136,839	7	121,815	7	106,742	7	91,656		
1/4	1/4	181,451	173,393	165,293	157,192	149,091	136,526	121,501	106,427	91,342											
1/2	1/2	181,284	173,225	165,124	157,023	148,922	136,214	121,188	106,113	91,028											
3/4	3/4	181,117	173,056	164,955	156,854	148,753	135,902	120,874	105,799	90,713											
8		8	180,951	8	172,888	8	164,787	8	156,686	8	148,585	8	135,590	8	120,560	8	105,484	8	90,399		
1/4	1/4	180,784	172,719	164,618	156,517	148,416	135,277	120,247	105,170	90,085											
1/2	1/2	180,618	172,550	164,449	156,348	148,247	134,965	119,933	104,856	89,771											
3/4	3/4	180,451	172,381	164,280	156,179	148,078	134,653	119,619	104,542	89,456											
9		9	180,285	9	172,213	9	164,112	9	156,010	9	147,909	9	134,341	9	119,306	9	104,227	9	89,142		
1/4	1/4	180,118	172,044	163,943	155,842	147,741	134,028	118,992	103,913	88,828											
1/2	1/2	179,952	171,875	163,774	155,673	147,572	133,716	118,678	103,599	88,513											
3/4	3/4	179,784	171,706	163,605	155,504	147,403	133,404	118,365	103,285	88,199											
10		10	179,615	10	171,538	10	163,436	10	155,335	10	147,234	10	133,092	10	118,051	10	102,970	10	87,885		
1/4	1/4	179,447	171,369	163,268	155,167	147,066	132,779	117,737	102,656	87,571											
1/2	1/2	179,279	171,200	163,099	154,998	146,897	132,467	117,424	102,342	87,256											
3/4	3/4	179,111	171,031	162,930	154,829	146,728	132,155	117,110	102,027	86,942											
11		11	178,943	11	170,862	11	162,761	11	154,660	11	146,559	11	131,843	11	116,796	11	101,713	11	86,628		
1/4	1/4	178,775	170,694	162,593	154,492	146,390	131,530	116,483	101,399	86,313											
1/2	1/2	178,606	170,525	162,424	154,323	146,222	131,218	116,169	101,085	85,999											
3/4	3/4	178,438	170,356	162,255	154,154	145,909	130,904	115,855	100,770	85,685											

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

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BARGE "CBC 385"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,371	0	70,282	0	55,250	0	40,589	0	25,789	0	10,696	0		0		0		0	
1/4	85,056	1/4	69,967	1/4	54,938	1/4	40,288	1/4	25,475	1/4	10,382	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,742	1/2	69,653	1/2	54,626	1/2	39,988	1/2	25,160	1/2	10,067	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,428	3/4	69,339	3/4	54,315	3/4	39,688	3/4	24,846	3/4	9,753	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,113	1	69,024	1	54,003	1	39,388	1	24,532	1	9,438	1	1	1	1	1	1	1	1
1/4	83,799	1/4	68,710	1/4	53,691	1/4	39,087	1/4	24,217	1/4	9,124	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,485	1/2	68,396	1/2	53,379	1/2	38,787	1/2	23,903	1/2	8,809	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,170	3/4	68,081	3/4	53,067	3/4	38,487	3/4	23,588	3/4	8,495	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,856	2	67,767	2	52,756	2	38,186	2	23,274	2	8,181	2	2	2	2	2	2	2	2
1/4	82,542	1/4	67,453	1/4	52,444	1/4	37,886	1/4	22,959	1/4	7,866	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,227	1/2	67,138	1/2	52,132	1/2	37,586	1/2	22,645	1/2	7,552	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,913	3/4	66,824	3/4	51,821	3/4	37,284	3/4	22,330	3/4	7,237	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,599	3	66,509	3	51,510	3	36,983	3	22,016	3	6,923	3	3	3	3	3	3	3	3
1/4	81,284	1/4	66,195	1/4	51,199	1/4	36,681	1/4	21,702	1/4	6,609	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,970	1/2	65,881	1/2	50,888	1/2	36,380	1/2	21,387	1/2	6,294	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,655	3/4	65,566	3/4	50,577	3/4	36,079	3/4	21,073	3/4	5,980	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,341	4	65,252	4	50,266	4	35,777	4	20,758	4	5,666	4	4	4	4	4	4	4	4
1/4	80,027	1/4	64,938	1/4	49,955	1/4	35,476	1/4	20,444	1/4	5,351	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,712	1/2	64,623	1/2	49,644	1/2	35,175	1/2	20,129	1/2	5,037	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,398	3/4	64,309	3/4	49,332	3/4	34,872	3/4	19,815	3/4	4,724	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,084	5	63,995	5	49,020	5	34,570	5	19,500	5	4,411	5	5	5	5	5	5	5	5
1/4	78,769	1/4	63,680	1/4	48,708	1/4	34,267	1/4	19,186	1/4	4,098	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,455	1/2	63,366	1/2	48,395	1/2	33,965	1/2	18,872	1/2	3,785	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,141	3/4	63,052	3/4	48,095	3/4	33,650	3/4	18,557	3/4	3,498	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,826	6	62,737	6	47,795	6	33,336	6	18,243	6	3,210	6	6	6	6	6	6	6	6
1/4	77,512	1/4	62,423	1/4	47,495	1/4	33,021	1/4	17,928	1/4	2,922	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,198	1/2	62,109	1/2	47,194	1/2	32,707	1/2	17,614	1/2	2,635	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,883	3/4	61,797	3/4	46,894	3/4	32,393	3/4	17,299	3/4	2,399	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,569	7	61,485	7	46,594	7	32,078	7	16,985	7	2,163	7	7	7	7	7	7	7	7
1/4	76,254	1/4	61,173	1/4	46,294	1/4	31,764	1/4	16,670	1/4	1,927	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,940	1/2	60,861	1/2	45,993	1/2	31,449	1/2	16,356	1/2	1,692	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,626	3/4	60,550	3/4	45,693	3/4	31,135	3/4	16,042	3/4	1,508	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,311	8	60,238	8	45,393	8	30,820	8	15,727	8	1,324	8	8	8	8	8	8	8	8
1/4	74,997	1/4	59,926	1/4	45,093	1/4	30,506	1/4	15,413	1/4	1,141	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,683	1/2	59,614	1/2	44,792	1/2	30,191	1/2	15,098	1/2	957	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,368	3/4	59,303	3/4	44,492	3/4	29,877	3/4	14,784	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,054	9	58,991	9	44,192	9	29,563	9	14,469	9		9	9	9	9	9	9	9	9
1/4	73,740	1/4	58,679	1/4	43,891	1/4	29,248	1/4	14,155	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,425	1/2	58,367	1/2	43,591	1/2	28,934	1/2	13,841	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,111	3/4	58,056	3/4	43,291	3/4	28,619	3/4	13,526	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,797	10	57,744	10	42,991	10	28,305	10	13,212	10		10	10	10	10	10	10	10	10
1/4	72,482	1/4	57,432	1/4	42,690	1/4	27,990	1/4	12,897	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,168	1/2	57,120	1/2	42,390	1/2	27,676	1/2	12,583	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,854	3/4	56,809	3/4	42,090	3/4	27,361	3/4	12,268	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,539	11	56,497	11	41,790	11	27,047	11	11,954	11		11	11	11	11	11	11	11	11
1/4	71,225	1/4	56,185	1/4	41,489	1/4	26,733	1/4	11,639	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,910	1/2	55,873	1/2	41,189	1/2	26,418	1/2	11,325	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,596	3/4	55,562	3/4	40,889	3/4	26,104	3/4	11,011	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: 06/25/2013 CL
CALCULATED: 06/25/2013 CL
PRINTED: 06/26/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2013

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