



BARGE "CBC 382"

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	00-1/8	- 00-1/8	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	00-1/8	- 00-1/8	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"

April 24, 2013

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

<http://www.pmacorp.net>



BARGE "CBC 382"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 382"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	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	
1/2	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	
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	
1	153,573	1	168,801	1	184,029	1	199,257	1	214,404	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	
1/2	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	
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	
2	154,842	2	170,070	2	185,298	2	200,521	2	215,657	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	
1/2	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	
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	156,111	3	171,339	3	186,567	3	201,785	3	216,909	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	
1/2	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	
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	
4	157,380	4	172,608	4	187,836	4	203,050	4	218,160	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	
1/2	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	
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	
5	158,649	5	173,877	5	189,105	5	204,314	5	219,406	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	
1/2	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	
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	
6	159,918	6	175,146	6	190,374	6	205,578	6	220,552	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	
1/2	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	
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	
7	161,187	7	176,415	7	191,643	7	206,842	7	221,487	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	
1/2	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	
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	
8	162,456	8	177,684	8	192,912	8	208,106	8	222,216	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	
1/2	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	
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	
9	163,725	9	178,953	9	194,181	9	209,370	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	
1/2	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	
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	
10	164,994	10	180,222	10	195,450	10	210,635	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	
1/2	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	
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	
11	166,263	11	181,491	11	196,719	11	211,899	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	
1/2	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	
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	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 382"

1 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	15,246	0	30,488	0	45,681	0	60,873	0	76,116	0	91,359	0	106,602	0	121,841	0	137,078
1/4	1,150	1/4	15,564	1/4	30,806	1/4	45,996	1/4	61,191	1/4	76,434	1/4	91,677	1/4	106,920	1/4	122,158	1/4	137,395
1/2	1,336	1/2	15,881	1/2	31,124	1/2	46,312	1/2	61,509	1/2	76,751	1/2	91,994	1/2	107,237	1/2	122,476	1/2	137,713
3/4	1,521	3/4	16,199	3/4	31,441	3/4	46,627	3/4	61,826	3/4	77,069	3/4	92,312	3/4	107,555	3/4	122,793	3/4	138,030
1	1,706	1	16,516	1	31,759	1	46,942	1	62,144	1	77,387	1	92,629	1	107,872	1	123,110	1	138,348
1/4	1,944	1/4	16,834	1/4	32,076	1/4	47,258	1/4	62,461	1/4	77,704	1/4	92,947	1/4	108,190	1/4	123,428	1/4	138,665
1/2	2,182	1/2	17,151	1/2	32,394	1/2	47,573	1/2	62,779	1/2	78,022	1/2	93,265	1/2	108,507	1/2	123,745	1/2	138,983
3/4	2,420	3/4	17,469	3/4	32,711	3/4	47,888	3/4	63,096	3/4	78,339	3/4	93,582	3/4	108,825	3/4	124,063	3/4	139,300
2	2,659	2	17,787	2	33,029	2	48,204	2	63,414	2	78,657	2	93,900	2	109,143	2	124,380	2	139,617
1/4	2,950	1/4	18,104	1/4	33,346	1/4	48,519	1/4	63,731	1/4	78,974	1/4	94,217	1/4	109,460	1/4	124,698	1/4	139,935
1/2	3,240	1/2	18,422	1/2	33,664	1/2	48,835	1/2	64,049	1/2	79,292	1/2	94,535	1/2	109,778	1/2	125,015	1/2	140,252
3/4	3,531	3/4	18,739	3/4	33,981	3/4	49,150	3/4	64,367	3/4	79,609	3/4	94,852	3/4	110,095	3/4	125,333	3/4	140,570
3	3,822	3	19,057	3	34,299	3	49,465	3	64,684	3	79,927	3	95,170	3	110,413	3	125,650	3	140,887
1/4	4,139	1/4	19,374	1/4	34,617	1/4	49,781	1/4	65,002	1/4	80,245	1/4	95,487	1/4	110,730	1/4	125,967	1/4	141,205
1/2	4,455	1/2	19,692	1/2	34,934	1/2	50,096	1/2	65,319	1/2	80,562	1/2	95,805	1/2	111,048	1/2	126,285	1/2	141,522
3/4	4,771	3/4	20,009	3/4	35,252	3/4	50,411	3/4	65,637	3/4	80,880	3/4	96,123	3/4	111,365	3/4	126,602	3/4	141,840
4	5,087	4	20,327	4	35,569	4	50,727	4	65,954	4	81,197	4	96,440	4	111,683	4	126,920	4	142,157
1/4	5,404	1/4	20,645	1/4	35,887	1/4	51,042	1/4	66,272	1/4	81,515	1/4	96,758	1/4	112,000	1/4	127,237	1/4	142,474
1/2	5,721	1/2	20,962	1/2	36,204	1/2	51,358	1/2	66,589	1/2	81,832	1/2	97,075	1/2	112,317	1/2	127,555	1/2	142,792
3/4	6,038	3/4	21,280	3/4	36,522	3/4	51,673	3/4	66,907	3/4	82,150	3/4	97,393	3/4	112,635	3/4	127,872	3/4	143,109
5	6,355	5	21,597	5	36,839	5	51,988	5	67,225	5	82,467	5	97,710	5	112,952	5	128,190	5	143,427
1/4	6,673	1/4	21,915	1/4	37,157	1/4	52,304	1/4	67,542	1/4	82,785	1/4	98,028	1/4	113,270	1/4	128,507	1/4	143,744
1/2	6,990	1/2	22,232	1/2	37,475	1/2	52,620	1/2	67,860	1/2	83,103	1/2	98,345	1/2	113,587	1/2	128,824	1/2	144,062
3/4	7,308	3/4	22,550	3/4	37,792	3/4	52,936	3/4	68,177	3/4	83,420	3/4	98,663	3/4	113,905	3/4	129,142	3/4	144,379
6	7,625	6	22,867	6	38,110	6	53,252	6	68,495	6	83,738	6	98,981	6	114,222	6	129,459	6	144,697
1/4	7,943	1/4	23,185	1/4	38,425	1/4	53,570	1/4	68,812	1/4	84,055	1/4	99,298	1/4	114,540	1/4	129,777	1/4	145,014
1/2	8,260	1/2	23,502	1/2	38,741	1/2	53,887	1/2	69,130	1/2	84,373	1/2	99,616	1/2	114,857	1/2	130,094	1/2	145,331
3/4	8,578	3/4	23,820	3/4	39,057	3/4	54,205	3/4	69,448	3/4	84,690	3/4	99,933	3/4	115,174	3/4	130,412	3/4	145,649
7	8,895	7	24,138	7	39,373	7	54,522	7	69,765	7	85,008	7	100,251	7	115,492	7	130,729	7	145,966
1/4	9,213	1/4	24,455	1/4	39,689	1/4	54,840	1/4	70,083	1/4	85,326	1/4	100,568	1/4	115,809	1/4	131,047	1/4	146,284
1/2	9,530	1/2	24,773	1/2	40,004	1/2	55,157	1/2	70,400	1/2	85,643	1/2	100,886	1/2	116,127	1/2	131,364	1/2	146,601
3/4	9,848	3/4	25,090	3/4	40,319	3/4	55,475	3/4	70,718	3/4	85,961	3/4	101,204	3/4	116,444	3/4	131,681	3/4	146,919
8	10,165	8	25,408	8	40,635	8	55,792	8	71,035	8	86,278	8	101,521	8	116,762	8	131,999	8	147,236
1/4	10,483	1/4	25,725	1/4	40,950	1/4	56,110	1/4	71,353	1/4	86,596	1/4	101,839	1/4	117,079	1/4	132,316	1/4	147,554
1/2	10,801	1/2	26,043	1/2	41,265	1/2	56,428	1/2	71,670	1/2	86,913	1/2	102,156	1/2	117,396	1/2	132,634	1/2	147,871
3/4	11,118	3/4	26,360	3/4	41,581	3/4	56,745	3/4	71,988	3/4	87,231	3/4	102,474	3/4	117,714	3/4	132,951	3/4	148,188
9	11,436	9	26,678	9	41,896	9	57,063	9	72,306	9	87,548	9	102,791	9	118,031	9	133,269	9	148,506
1/4	11,753	1/4	26,995	1/4	42,212	1/4	57,380	1/4	72,623	1/4	87,866	1/4	103,109	1/4	118,349	1/4	133,586	1/4	148,823
1/2	12,071	1/2	27,313	1/2	42,527	1/2	57,698	1/2	72,941	1/2	88,184	1/2	103,426	1/2	118,666	1/2	133,904	1/2	149,141
3/4	12,388	3/4	27,631	3/4	42,842	3/4	58,015	3/4	73,258	3/4	88,501	3/4	103,744	3/4	118,984	3/4	134,221	3/4	149,458
10	12,706	10	27,948	10	43,158	10	58,333	10	73,576	10	88,819	10	104,062	10	119,301	10	134,538	10	149,776
1/4	13,023	1/4	28,266	1/4	43,473	1/4	58,651	1/4	73,893	1/4	89,136	1/4	104,379	1/4	119,619	1/4	134,856	1/4	150,093
1/2	13,341	1/2	28,583	1/2	43,788	1/2	58,968	1/2	74,211	1/2	89,454	1/2	104,697	1/2	119,936	1/2	135,173	1/2	150,411
3/4	13,658	3/4	28,901	3/4	44,104	3/4	59,286	3/4	74,528	3/4	89,771	3/4	105,014	3/4	120,253	3/4	135,491	3/4	150,728
11	13,976	11	29,218	11	44,419	11	59,603	11	74,846	11	90,089	11	105,332	11	120,571	11	135,808	11	151,045
1/4	14,294	1/4	29,536	1/4	44,735	1/4	59,921	1/4	75,164	1/4	90,406	1/4	105,649	1/4	120,888	1/4	136,126	1/4	151,363
1/2	14,611	1/2	29,853	1/2	45,050	1/2	60,238	1/2	75,481	1/2	90,724	1/2	105,967	1/2	121,206	1/2	136,443	1/2	151,680
3/4	14,929	3/4	30,171	3/4	45,365	3/4	60,556	3/4	75,799	3/4	91,042	3/4	106,284	3/4	121,523	3/4	136,761	3/4	151,998

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 382"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	152,315	0	167,552	0	182,790	0	198,027	0	213,200	0		0		0		0		0	
1/4	152,633	1/4	167,870	1/4	183,107	1/4	198,344	1/4	213,513	1/4		1/4		1/4		1/4		1/4	
1/2	152,950	1/2	168,187	1/2	183,425	1/2	198,662	1/2	213,826	1/2		1/2		1/2		1/2		1/2	
3/4	153,268	3/4	168,505	3/4	183,742	3/4	198,979	3/4	214,139	3/4		3/4		3/4		3/4		3/4	
1	153,585	1	168,822	1	184,060	1	199,297	1	214,453	1		1		1		1		1	
1/4	153,902	1/4	169,140	1/4	184,377	1/4	199,613	1/4	214,766	1/4		1/4		1/4		1/4		1/4	
1/2	154,220	1/2	169,457	1/2	184,694	1/2	199,929	1/2	215,079	1/2		1/2		1/2		1/2		1/2	
3/4	154,537	3/4	169,775	3/4	185,012	3/4	200,245	3/4	215,393	3/4		3/4		3/4		3/4		3/4	
2	154,855	2	170,092	2	185,329	2	200,562	2	215,706	2		2		2		2		2	
1/4	155,172	1/4	170,409	1/4	185,647	1/4	200,878	1/4	216,019	1/4		1/4		1/4		1/4		1/4	
1/2	155,490	1/2	170,727	1/2	185,964	1/2	201,194	1/2	216,332	1/2		1/2		1/2		1/2		1/2	
3/4	155,807	3/4	171,044	3/4	186,282	3/4	201,510	3/4	216,646	3/4		3/4		3/4		3/4		3/4	
3	156,125	3	171,362	3	186,599	3	201,827	3	216,959	3		3		3		3		3	
1/4	156,442	1/4	171,679	1/4	186,916	1/4	202,143	1/4	217,272	1/4		1/4		1/4		1/4		1/4	
1/2	156,759	1/2	171,997	1/2	187,234	1/2	202,459	1/2	217,585	1/2		1/2		1/2		1/2		1/2	
3/4	157,077	3/4	172,314	3/4	187,551	3/4	202,775	3/4	217,898	3/4		3/4		3/4		3/4		3/4	
4	157,394	4	172,632	4	187,869	4	203,091	4	218,210	4		4		4		4		4	
1/4	157,712	1/4	172,949	1/4	188,186	1/4	203,408	1/4	218,522	1/4		1/4		1/4		1/4		1/4	
1/2	158,029	1/2	173,266	1/2	188,504	1/2	203,724	1/2	218,834	1/2		1/2		1/2		1/2		1/2	
3/4	158,347	3/4	173,584	3/4	188,821	3/4	204,040	3/4	219,146	3/4		3/4		3/4		3/4		3/4	
5	158,664	5	173,901	5	189,139	5	204,356	5	219,458	5		5		5		5		5	
1/4	158,982	1/4	174,219	1/4	189,456	1/4	204,672	1/4	219,744	1/4		1/4		1/4		1/4		1/4	
1/2	159,299	1/2	174,536	1/2	189,773	1/2	204,989	1/2	220,031	1/2		1/2		1/2		1/2		1/2	
3/4	159,616	3/4	174,854	3/4	190,091	3/4	205,305	3/4	220,318	3/4		3/4		3/4		3/4		3/4	
6	159,934	6	175,171	6	190,408	6	205,621	6	220,605	6		6		6		6		6	
1/4	160,251	1/4	175,489	1/4	190,726	1/4	205,937	1/4	220,839	1/4		1/4		1/4		1/4		1/4	
1/2	160,569	1/2	175,806	1/2	191,043	1/2	206,254	1/2	221,072	1/2		1/2		1/2		1/2		1/2	
3/4	160,886	3/4	176,123	3/4	191,361	3/4	206,570	3/4	221,306	3/4		3/4		3/4		3/4		3/4	
7	161,204	7	176,441	7	191,678	7	206,886	7	221,540	7		7		7		7		7	
1/4	161,521	1/4	176,758	1/4	191,996	1/4	207,202	1/4	221,722	1/4		1/4		1/4		1/4		1/4	
1/2	161,839	1/2	177,076	1/2	192,313	1/2	207,518	1/2	221,905	1/2		1/2		1/2		1/2		1/2	
3/4	162,156	3/4	177,393	3/4	192,630	3/4	207,835	3/4	222,087	3/4		3/4		3/4		3/4		3/4	
8	162,473	8	177,711	8	192,948	8	208,151	8	222,269	8		8		8		8		8	
1/4	162,791	1/4	178,028	1/4	193,265	1/4	208,467	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,108	1/2	178,346	1/2	193,583	1/2	208,783	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,426	3/4	178,663	3/4	193,900	3/4	209,100	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,743	9	178,980	9	194,218	9	209,416	9		9		9		9		9		9	
1/4	164,061	1/4	179,298	1/4	194,535	1/4	209,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,378	1/2	179,615	1/2	194,853	1/2	210,048	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,695	3/4	179,933	3/4	195,170	3/4	210,365	3/4		3/4		3/4		3/4		3/4		3/4	
10	165,013	10	180,250	10	195,487	10	210,681	10		10		10		10		10		10	
1/4	165,330	1/4	180,568	1/4	195,805	1/4	210,997	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,648	1/2	180,885	1/2	196,122	1/2	211,314	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,965	3/4	181,203	3/4	196,440	3/4	211,630	3/4		3/4		3/4		3/4		3/4		3/4	
11	166,283	11	181,520	11	196,757	11	211,946	11		11		11		11		11		11	
1/4	166,600	1/4	181,837	1/4	197,075	1/4	212,260	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,918	1/2	182,155	1/2	197,392	1/2	212,573	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,235	3/4	182,472	3/4	197,710	3/4	212,886	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 382"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 382"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,774	0	166,949	0	182,125	0	197,300	0	212,410	0		0		0		0		0	
1/4	152,090	1/4	167,266	1/4	182,441	1/4	197,616	1/4	212,722	1/4		1/4		1/4		1/4		1/4	
1/2	152,407	1/2	167,582	1/2	182,757	1/2	197,932	1/2	213,034	1/2		1/2		1/2		1/2		1/2	
3/4	152,723	3/4	167,898	3/4	183,073	3/4	198,248	3/4	213,346	3/4		3/4		3/4		3/4		3/4	
1	153,039	1	168,214	1	183,389	1	198,564	1	213,658	1		1		1		1		1	
1/4	153,355	1/4	168,530	1/4	183,705	1/4	198,879	1/4	213,970	1/4		1/4		1/4		1/4		1/4	
1/2	153,671	1/2	168,846	1/2	184,022	1/2	199,194	1/2	214,283	1/2		1/2		1/2		1/2		1/2	
3/4	153,987	3/4	169,162	3/4	184,338	3/4	199,509	3/4	214,595	3/4		3/4		3/4		3/4		3/4	
2	154,303	2	169,479	2	184,654	2	199,824	2	214,907	2		2		2		2		2	
1/4	154,620	1/4	169,795	1/4	184,970	1/4	200,139	1/4	215,219	1/4		1/4		1/4		1/4		1/4	
1/2	154,936	1/2	170,111	1/2	185,286	1/2	200,454	1/2	215,530	1/2		1/2		1/2		1/2		1/2	
3/4	155,252	3/4	170,427	3/4	185,602	3/4	200,769	3/4	215,842	3/4		3/4		3/4		3/4		3/4	
3	155,568	3	170,743	3	185,918	3	201,084	3	216,154	3		3		3		3		3	
1/4	155,884	1/4	171,059	1/4	186,235	1/4	201,399	1/4	216,466	1/4		1/4		1/4		1/4		1/4	
1/2	156,200	1/2	171,376	1/2	186,551	1/2	201,714	1/2	216,778	1/2		1/2		1/2		1/2		1/2	
3/4	156,516	3/4	171,692	3/4	186,867	3/4	202,029	3/4	217,089	3/4		3/4		3/4		3/4		3/4	
4	156,833	4	172,008	4	187,183	4	202,344	4	217,401	4		4		4		4		4	
1/4	157,149	1/4	172,324	1/4	187,499	1/4	202,658	1/4	217,711	1/4		1/4		1/4		1/4		1/4	
1/2	157,465	1/2	172,640	1/2	187,815	1/2	202,973	1/2	218,022	1/2		1/2		1/2		1/2		1/2	
3/4	157,781	3/4	172,956	3/4	188,131	3/4	203,288	3/4	218,332	3/4		3/4		3/4		3/4		3/4	
5	158,097	5	173,272	5	188,448	5	203,603	5	218,643	5		5		5		5		5	
1/4	158,413	1/4	173,589	1/4	188,764	1/4	203,918	1/4	218,928	1/4		1/4		1/4		1/4		1/4	
1/2	158,730	1/2	173,905	1/2	189,080	1/2	204,233	1/2	219,214	1/2		1/2		1/2		1/2		1/2	
3/4	159,046	3/4	174,221	3/4	189,396	3/4	204,548	3/4	219,500	3/4		3/4		3/4		3/4		3/4	
6	159,362	6	174,537	6	189,712	6	204,863	6	219,785	6		6		6		6		6	
1/4	159,678	1/4	174,853	1/4	190,028	1/4	205,178	1/4	220,018	1/4		1/4		1/4		1/4		1/4	
1/2	159,994	1/2	175,169	1/2	190,344	1/2	205,493	1/2	220,251	1/2		1/2		1/2		1/2		1/2	
3/4	160,310	3/4	175,485	3/4	190,661	3/4	205,808	3/4	220,484	3/4		3/4		3/4		3/4		3/4	
7	160,626	7	175,802	7	190,977	7	206,123	7	220,717	7		7		7		7		7	
1/4	160,943	1/4	176,118	1/4	191,293	1/4	206,438	1/4	220,898	1/4		1/4		1/4		1/4		1/4	
1/2	161,259	1/2	176,434	1/2	191,609	1/2	206,753	1/2	221,080	1/2		1/2		1/2		1/2		1/2	
3/4	161,575	3/4	176,750	3/4	191,925	3/4	207,067	3/4	221,261	3/4		3/4		3/4		3/4		3/4	
8	161,891	8	177,066	8	192,241	8	207,382	8	221,443	8		8		8		8		8	
1/4	162,207	1/4	177,382	1/4	192,558	1/4	207,697	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,523	1/2	177,699	1/2	192,874	1/2	208,012	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,839	3/4	178,015	3/4	193,190	3/4	208,327	3/4		3/4		3/4		3/4		3/4		3/4	
9	163,156	9	178,331	9	193,506	9	208,642	9		9		9		9		9		9	
1/4	163,472	1/4	178,647	1/4	193,822	1/4	208,957	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,788	1/2	178,963	1/2	194,138	1/2	209,272	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,104	3/4	179,279	3/4	194,454	3/4	209,587	3/4		3/4		3/4		3/4		3/4		3/4	
10	164,420	10	179,595	10	194,771	10	209,902	10		10		10		10		10		10	
1/4	164,736	1/4	179,912	1/4	195,087	1/4	210,217	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,053	1/2	180,228	1/2	195,403	1/2	210,532	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,369	3/4	180,544	3/4	195,719	3/4	210,847	3/4		3/4		3/4		3/4		3/4		3/4	
11	165,685	11	180,860	11	196,035	11	211,162	11		11		11		11		11		11	
1/4	166,001	1/4	181,176	1/4	196,351	1/4	211,474	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,317	1/2	181,492	1/2	196,667	1/2	211,786	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,633	3/4	181,808	3/4	196,984	3/4	212,098	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
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BARGE "CBC 382"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

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	15,179	0	30,353	0	45,184	0	60,016	0	75,191	0	90,367	0	105,542	0	120,713	0	135,883
1/4	1,145	1/4	15,495	1/4	30,669	1/4	45,486	1/4	60,332	1/4	75,507	1/4	90,683	1/4	105,858	1/4	121,029	1/4	136,199
1/2	1,330	1/2	15,811	1/2	30,986	1/2	45,788	1/2	60,648	1/2	75,824	1/2	90,999	1/2	106,174	1/2	121,345	1/2	136,515
3/4	1,514	3/4	16,127	3/4	31,302	3/4	46,090	3/4	60,964	3/4	76,140	3/4	91,315	3/4	106,490	3/4	121,661	3/4	136,831
1	1,698	1	16,443	1	31,618	1	46,391	1	61,281	1	76,456	1	91,631	1	106,807	1	121,977	1	137,147
1/4	1,936	1/4	16,759	1/4	31,934	1/4	46,693	1/4	61,597	1/4	76,772	1/4	91,947	1/4	107,123	1/4	122,293	1/4	137,463
1/2	2,173	1/2	17,075	1/2	32,250	1/2	46,995	1/2	61,913	1/2	77,088	1/2	92,264	1/2	107,439	1/2	122,609	1/2	137,779
3/4	2,410	3/4	17,392	3/4	32,566	3/4	47,297	3/4	62,229	3/4	77,404	3/4	92,580	3/4	107,755	3/4	122,925	3/4	138,095
2	2,647	2	17,708	2	32,882	2	47,598	2	62,545	2	77,720	2	92,896	2	108,071	2	123,241	2	138,411
1/4	2,936	1/4	18,024	1/4	33,199	1/4	47,900	1/4	62,861	1/4	78,037	1/4	93,212	1/4	108,387	1/4	123,557	1/4	138,727
1/2	3,226	1/2	18,340	1/2	33,515	1/2	48,202	1/2	63,177	1/2	78,353	1/2	93,528	1/2	108,703	1/2	123,873	1/2	139,043
3/4	3,516	3/4	18,656	3/4	33,831	3/4	48,504	3/4	63,494	3/4	78,669	3/4	93,844	3/4	109,020	3/4	124,189	3/4	139,359
3	3,806	3	18,972	3	34,147	3	48,805	3	63,810	3	78,985	3	94,160	3	109,336	3	124,505	3	139,675
1/4	4,120	1/4	19,288	1/4	34,463	1/4	49,107	1/4	64,126	1/4	79,301	1/4	94,477	1/4	109,652	1/4	124,821	1/4	139,991
1/2	4,435	1/2	19,605	1/2	34,779	1/2	49,409	1/2	64,442	1/2	79,617	1/2	94,793	1/2	109,968	1/2	125,138	1/2	140,307
3/4	4,749	3/4	19,921	3/4	35,095	3/4	49,711	3/4	64,758	3/4	79,934	3/4	95,109	3/4	110,284	3/4	125,454	3/4	140,623
4	5,064	4	20,237	4	35,412	4	50,012	4	65,074	4	80,250	4	95,425	4	110,600	4	125,770	4	140,939
1/4	5,380	1/4	20,553	1/4	35,728	1/4	50,314	1/4	65,391	1/4	80,566	1/4	95,741	1/4	110,916	1/4	126,086	1/4	141,255
1/2	5,696	1/2	20,869	1/2	36,044	1/2	50,616	1/2	65,707	1/2	80,882	1/2	96,057	1/2	111,232	1/2	126,402	1/2	141,571
3/4	6,011	3/4	21,185	3/4	36,360	3/4	50,918	3/4	66,023	3/4	81,198	3/4	96,373	3/4	111,548	3/4	126,718	3/4	141,887
5	6,327	5	21,501	5	36,676	5	51,219	5	66,339	5	81,514	5	96,690	5	111,864	5	127,034	5	142,203
1/4	6,643	1/4	21,818	1/4	36,992	1/4	51,522	1/4	66,655	1/4	81,830	1/4	97,006	1/4	112,180	1/4	127,350	1/4	142,519
1/2	6,959	1/2	22,134	1/2	37,308	1/2	51,824	1/2	66,971	1/2	82,147	1/2	97,322	1/2	112,496	1/2	127,666	1/2	142,836
3/4	7,275	3/4	22,450	3/4	37,625	3/4	52,126	3/4	67,287	3/4	82,463	3/4	97,638	3/4	112,812	3/4	127,982	3/4	143,152
6	7,591	6	22,766	6	37,941	6	52,428	6	67,604	6	82,779	6	97,954	6	113,128	6	128,298	6	143,468
1/4	7,907	1/4	23,082	1/4	38,243	1/4	52,744	1/4	67,920	1/4	83,095	1/4	98,270	1/4	113,444	1/4	128,614	1/4	143,784
1/2	8,224	1/2	23,398	1/2	38,545	1/2	53,061	1/2	68,236	1/2	83,411	1/2	98,587	1/2	113,760	1/2	128,930	1/2	144,100
3/4	8,540	3/4	23,714	3/4	38,847	3/4	53,377	3/4	68,552	3/4	83,727	3/4	98,903	3/4	114,076	3/4	129,246	3/4	144,416
7	8,856	7	24,031	7	39,150	7	53,693	7	68,868	7	84,044	7	99,219	7	114,392	7	129,562	7	144,732
1/4	9,172	1/4	24,347	1/4	39,451	1/4	54,009	1/4	69,184	1/4	84,360	1/4	99,535	1/4	114,708	1/4	129,878	1/4	145,048
1/2	9,488	1/2	24,663	1/2	39,753	1/2	54,325	1/2	69,501	1/2	84,676	1/2	99,851	1/2	115,024	1/2	130,194	1/2	145,364
3/4	9,804	3/4	24,979	3/4	40,055	3/4	54,641	3/4	69,817	3/4	84,992	3/4	100,167	3/4	115,340	3/4	130,510	3/4	145,680
8	10,120	8	25,295	8	40,357	8	54,958	8	70,133	8	85,308	8	100,483	8	115,656	8	130,826	8	145,996
1/4	10,437	1/4	25,611	1/4	40,658	1/4	55,274	1/4	70,449	1/4	85,624	1/4	100,800	1/4	115,972	1/4	131,142	1/4	146,312
1/2	10,753	1/2	25,927	1/2	40,960	1/2	55,590	1/2	70,765	1/2	85,940	1/2	101,116	1/2	116,289	1/2	131,458	1/2	146,628
3/4	11,069	3/4	26,244	3/4	41,262	3/4	55,906	3/4	71,081	3/4	86,257	3/4	101,432	3/4	116,605	3/4	131,774	3/4	146,944
9	11,385	9	26,560	9	41,564	9	56,222	9	71,397	9	86,573	9	101,748	9	116,921	9	132,090	9	147,260
1/4	11,701	1/4	26,876	1/4	41,865	1/4	56,538	1/4	71,714	1/4	86,889	1/4	102,064	1/4	117,237	1/4	132,406	1/4	147,576
1/2	12,017	1/2	27,192	1/2	42,167	1/2	56,854	1/2	72,030	1/2	87,205	1/2	102,380	1/2	117,553	1/2	132,722	1/2	147,892
3/4	12,333	3/4	27,508	3/4	42,469	3/4	57,171	3/4	72,346	3/4	87,521	3/4	102,697	3/4	117,869	3/4	133,038	3/4	148,208
10	12,650	10	27,824	10	42,771	10	57,487	10	72,662	10	87,837	10	103,013	10	118,185	10	133,354	10	148,524
1/4	12,966	1/4	28,140	1/4	43,072	1/4	57,803	1/4	72,978	1/4	88,154	1/4	103,329	1/4	118,501	1/4	133,670	1/4	148,840
1/2	13,282	1/2	28,457	1/2	43,374	1/2	58,119	1/2	73,294	1/2	88,470	1/2	103,645	1/2	118,817	1/2	133,987	1/2	149,156
3/4	13,598	3/4	28,773	3/4	43,676	3/4	58,435	3/4	73,611	3/4	88,786	3/4	103,961	3/4	119,133	3/4	134,303	3/4	149,472
11	13,914	11	29,089	11	43,978	11	58,751	11	73,927	11	89,102	11	104,277	11	119,449	11	134,619	11	149,788
1/4	14,230	1/4	29,405	1/4	44,279	1/4	59,068	1/4	74,243	1/4	89,418	1/4	104,593	1/4	119,765	1/4	134,935	1/4	150,104
1/2	14,546	1/2	29,721	1/2	44,581	1/2	59,384	1/2	74,559	1/2	89,734	1/2	104,910	1/2	120,081	1/2	135,251	1/2	150,420
3/4	14,863	3/4	30,037	3/4	44,883	3/4	59,700	3/4	74,875	3/4	90,050	3/4	105,226	3/4	120,397	3/4	135,567	3/4	150,736

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 382"

2 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

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	151,052	0	166,222	0	181,392	0	196,562	0	211,667	0		0		0		0		0	
1/4	151,368	1/4	166,538	1/4	181,708	1/4	196,878	1/4	211,979	1/4		1/4		1/4		1/4		1/4	
1/2	151,685	1/2	166,854	1/2	182,024	1/2	197,194	1/2	212,291	1/2		1/2		1/2		1/2		1/2	
3/4	152,001	3/4	167,170	3/4	182,340	3/4	197,510	3/4	212,603	3/4		3/4		3/4		3/4		3/4	
1	152,317	1	167,486	1	182,656	1	197,826	1	212,914	1		1		1		1		1	
1/4	152,633	1/4	167,802	1/4	182,972	1/4	198,141	1/4	213,226	1/4		1/4		1/4		1/4		1/4	
1/2	152,949	1/2	168,118	1/2	183,288	1/2	198,455	1/2	213,538	1/2		1/2		1/2		1/2		1/2	
3/4	153,265	3/4	168,434	3/4	183,604	3/4	198,770	3/4	213,850	3/4		3/4		3/4		3/4		3/4	
2	153,581	2	168,750	2	183,920	2	199,085	2	214,162	2		2		2		2		2	
1/4	153,897	1/4	169,066	1/4	184,236	1/4	199,400	1/4	214,474	1/4		1/4		1/4		1/4		1/4	
1/2	154,213	1/2	169,383	1/2	184,552	1/2	199,715	1/2	214,786	1/2		1/2		1/2		1/2		1/2	
3/4	154,529	3/4	169,699	3/4	184,868	3/4	200,029	3/4	215,098	3/4		3/4		3/4		3/4		3/4	
3	154,845	3	170,015	3	185,184	3	200,344	3	215,410	3		3		3		3		3	
1/4	155,161	1/4	170,331	1/4	185,500	1/4	200,659	1/4	215,721	1/4		1/4		1/4		1/4		1/4	
1/2	155,477	1/2	170,647	1/2	185,816	1/2	200,974	1/2	216,032	1/2		1/2		1/2		1/2		1/2	
3/4	155,793	3/4	170,963	3/4	186,132	3/4	201,289	3/4	216,344	3/4		3/4		3/4		3/4		3/4	
4	156,109	4	171,279	4	186,448	4	201,604	4	216,655	4		4		4		4		4	
1/4	156,425	1/4	171,595	1/4	186,764	1/4	201,918	1/4	216,966	1/4		1/4		1/4		1/4		1/4	
1/2	156,741	1/2	171,911	1/2	187,081	1/2	202,233	1/2	217,276	1/2		1/2		1/2		1/2		1/2	
3/4	157,057	3/4	172,227	3/4	187,397	3/4	202,548	3/4	217,587	3/4		3/4		3/4		3/4		3/4	
5	157,373	5	172,543	5	187,713	5	202,863	5	217,897	5		5		5		5		5	
1/4	157,689	1/4	172,859	1/4	188,029	1/4	203,178	1/4	218,183	1/4		1/4		1/4		1/4		1/4	
1/2	158,005	1/2	173,175	1/2	188,345	1/2	203,492	1/2	218,468	1/2		1/2		1/2		1/2		1/2	
3/4	158,321	3/4	173,491	3/4	188,661	3/4	203,807	3/4	218,754	3/4		3/4		3/4		3/4		3/4	
6	158,637	6	173,807	6	188,977	6	204,122	6	219,039	6		6		6		6		6	
1/4	158,953	1/4	174,123	1/4	189,293	1/4	204,437	1/4	219,272	1/4		1/4		1/4		1/4		1/4	
1/2	159,269	1/2	174,439	1/2	189,609	1/2	204,752	1/2	219,505	1/2		1/2		1/2		1/2		1/2	
3/4	159,585	3/4	174,755	3/4	189,925	3/4	205,067	3/4	219,738	3/4		3/4		3/4		3/4		3/4	
7	159,901	7	175,071	7	190,241	7	205,381	7	219,970	7		7		7		7		7	
1/4	160,217	1/4	175,387	1/4	190,557	1/4	205,696	1/4	220,152	1/4		1/4		1/4		1/4		1/4	
1/2	160,534	1/2	175,703	1/2	190,873	1/2	206,011	1/2	220,333	1/2		1/2		1/2		1/2		1/2	
3/4	160,850	3/4	176,019	3/4	191,189	3/4	206,326	3/4	220,514	3/4		3/4		3/4		3/4		3/4	
8	161,166	8	176,335	8	191,505	8	206,641	8	220,696	8		8		8		8		8	
1/4	161,482	1/4	176,651	1/4	191,821	1/4	206,955	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,798	1/2	176,967	1/2	192,137	1/2	207,270	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,114	3/4	177,283	3/4	192,453	3/4	207,585	3/4		3/4		3/4		3/4		3/4		3/4	
9	162,430	9	177,599	9	192,769	9	207,900	9		9		9		9		9		9	
1/4	162,746	1/4	177,915	1/4	193,085	1/4	208,215	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,062	1/2	178,232	1/2	193,401	1/2	208,530	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,378	3/4	178,548	3/4	193,717	3/4	208,845	3/4		3/4		3/4		3/4		3/4		3/4	
10	163,694	10	178,864	10	194,033	10	209,160	10		10		10		10		10		10	
1/4	164,010	1/4	179,180	1/4	194,349	1/4	209,474	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,326	1/2	179,496	1/2	194,665	1/2	209,789	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,642	3/4	179,812	3/4	194,981	3/4	210,104	3/4		3/4		3/4		3/4		3/4		3/4	
11	164,958	11	180,128	11	195,297	11	210,419	11		11		11		11		11		11	
1/4	165,274	1/4	180,444	1/4	195,613	1/4	210,731	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,590	1/2	180,760	1/2	195,930	1/2	211,043	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,906	3/4	181,076	3/4	196,246	3/4	211,355	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 382"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 382"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	149,286	0	157,415	0	165,545	0	173,674	0	181,770	0		0		0		0		0	
1/4	149,455	1/4	157,585	1/4	165,714	1/4	173,843	1/4	181,937	1/4		1/4		1/4		1/4		1/4	
1/2	149,625	1/2	157,754	1/2	165,883	1/2	174,013	1/2	182,104	1/2		1/2		1/2		1/2		1/2	
3/4	149,794	3/4	157,923	3/4	166,053	3/4	174,182	3/4	182,271	3/4		3/4		3/4		3/4		3/4	
1	149,963	1	158,093	1	166,222	1	174,351	1	182,438	1		1		1		1		1	
1/4	150,133	1/4	158,262	1/4	166,391	1/4	174,520	1/4	182,606	1/4		1/4		1/4		1/4		1/4	
1/2	150,302	1/2	158,431	1/2	166,561	1/2	174,689	1/2	182,773	1/2		1/2		1/2		1/2		1/2	
3/4	150,472	3/4	158,601	3/4	166,730	3/4	174,858	3/4	182,940	3/4		3/4		3/4		3/4		3/4	
2	150,641	2	158,770	2	166,900	2	175,026	2	183,107	2		2		2		2		2	
1/4	150,810	1/4	158,940	1/4	167,069	1/4	175,195	1/4	183,274	1/4		1/4		1/4		1/4		1/4	
1/2	150,980	1/2	159,109	1/2	167,238	1/2	175,364	1/2	183,441	1/2		1/2		1/2		1/2		1/2	
3/4	151,149	3/4	159,278	3/4	167,408	3/4	175,533	3/4	183,608	3/4		3/4		3/4		3/4		3/4	
3	151,318	3	159,448	3	167,577	3	175,701	3	183,775	3		3		3		3		3	
1/4	151,488	1/4	159,617	1/4	167,746	1/4	175,870	1/4	183,942	1/4		1/4		1/4		1/4		1/4	
1/2	151,657	1/2	159,786	1/2	167,916	1/2	176,039	1/2	184,109	1/2		1/2		1/2		1/2		1/2	
3/4	151,826	3/4	159,956	3/4	168,085	3/4	176,208	3/4	184,275	3/4		3/4		3/4		3/4		3/4	
4	151,996	4	160,125	4	168,254	4	176,376	4	184,442	4		4		4		4		4	
1/4	152,165	1/4	160,294	1/4	168,424	1/4	176,545	1/4	184,608	1/4		1/4		1/4		1/4		1/4	
1/2	152,334	1/2	160,464	1/2	168,593	1/2	176,714	1/2	184,773	1/2		1/2		1/2		1/2		1/2	
3/4	152,504	3/4	160,633	3/4	168,762	3/4	176,883	3/4	184,939	3/4		3/4		3/4		3/4		3/4	
5	152,673	5	160,803	5	168,932	5	177,051	5	185,105	5		5		5		5		5	
1/4	152,843	1/4	160,972	1/4	169,101	1/4	177,220	1/4	185,245	1/4		1/4		1/4		1/4		1/4	
1/2	153,012	1/2	161,141	1/2	169,271	1/2	177,389	1/2	185,386	1/2		1/2		1/2		1/2		1/2	
3/4	153,181	3/4	161,311	3/4	169,440	3/4	177,558	3/4	185,527	3/4		3/4		3/4		3/4		3/4	
6	153,351	6	161,480	6	169,609	6	177,726	6	185,668	6		6		6		6		6	
1/4	153,520	1/4	161,649	1/4	169,779	1/4	177,895	1/4	185,756	1/4		1/4		1/4		1/4		1/4	
1/2	153,689	1/2	161,819	1/2	169,948	1/2	178,064	1/2	185,845	1/2		1/2		1/2		1/2		1/2	
3/4	153,859	3/4	161,988	3/4	170,117	3/4	178,233	3/4	185,933	3/4		3/4		3/4		3/4		3/4	
7	154,028	7	162,157	7	170,287	7	178,401	7	186,022	7		7		7		7		7	
1/4	154,197	1/4	162,327	1/4	170,456	1/4	178,570	1/4	186,058	1/4		1/4		1/4		1/4		1/4	
1/2	154,367	1/2	162,496	1/2	170,625	1/2	178,739	1/2	186,095	1/2		1/2		1/2		1/2		1/2	
3/4	154,536	3/4	162,665	3/4	170,795	3/4	178,908	3/4	186,131	3/4		3/4		3/4		3/4		3/4	
8	154,706	8	162,835	8	170,964	8	179,076	8	186,168	8		8		8		8		8	
1/4	154,875	1/4	163,004	1/4	171,134	1/4	179,245	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,044	1/2	163,174	1/2	171,303	1/2	179,414	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,214	3/4	163,343	3/4	171,472	3/4	179,583	3/4		3/4		3/4		3/4		3/4		3/4	
9	155,383	9	163,512	9	171,642	9	179,751	9		9		9		9		9		9	
1/4	155,552	1/4	163,682	1/4	171,811	1/4	179,920	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,722	1/2	163,851	1/2	171,980	1/2	180,089	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,891	3/4	164,020	3/4	172,150	3/4	180,258	3/4		3/4		3/4		3/4		3/4		3/4	
10	156,060	10	164,190	10	172,319	10	180,426	10		10		10		10		10		10	
1/4	156,230	1/4	164,359	1/4	172,488	1/4	180,595	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	156,399	1/2	164,528	1/2	172,658	1/2	180,764	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,569	3/4	164,698	3/4	172,827	3/4	180,933	3/4		3/4		3/4		3/4		3/4		3/4	
11	156,738	11	164,867	11	172,996	11	181,101	11		11		11		11		11		11	
1/4	156,907	1/4	165,037	1/4	173,166	1/4	181,268	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	157,077	1/2	165,206	1/2	173,335	1/2	181,436	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	157,246	3/4	165,375	3/4	173,505	3/4	181,603	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 382"

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	15,095	0	30,185	0	44,782	0	59,600	0	74,665	0	89,749	0	104,831	0	119,905	0	134,933
1/4	1,141	1/4	15,409	1/4	30,499	1/4	45,082	1/4	59,912	1/4	74,979	1/4	90,063	1/4	105,145	1/4	120,218	1/4	135,245
1/2	1,324	1/2	15,724	1/2	30,813	1/2	45,382	1/2	60,224	1/2	75,294	1/2	90,378	1/2	105,459	1/2	120,532	1/2	135,557
3/4	1,508	3/4	16,038	3/4	31,128	3/4	45,682	3/4	60,536	3/4	75,608	3/4	90,692	3/4	105,774	3/4	120,845	3/4	135,869
1	1,692	1	16,353	1	31,442	1	45,983	1	60,847	1	75,922	1	91,006	1	106,088	1	121,159	1	136,182
1/4	1,927	1/4	16,667	1/4	31,756	1/4	46,283	1/4	61,159	1/4	76,236	1/4	91,320	1/4	106,402	1/4	121,472	1/4	136,494
1/2	2,163	1/2	16,981	1/2	32,071	1/2	46,583	1/2	61,471	1/2	76,551	1/2	91,634	1/2	106,716	1/2	121,786	1/2	136,806
3/4	2,399	3/4	17,296	3/4	32,385	3/4	46,883	3/4	61,782	3/4	76,865	3/4	91,949	3/4	107,030	3/4	122,099	3/4	137,118
2	2,634	2	17,610	2	32,699	2	47,183	2	62,094	2	77,179	2	92,263	2	107,345	2	122,412	2	137,430
1/4	2,922	1/4	17,924	1/4	33,014	1/4	47,484	1/4	62,408	1/4	77,494	1/4	92,577	1/4	107,659	1/4	122,725	1/4	137,742
1/2	3,210	1/2	18,239	1/2	33,328	1/2	47,784	1/2	62,722	1/2	77,808	1/2	92,891	1/2	107,973	1/2	123,039	1/2	138,055
3/4	3,497	3/4	18,553	3/4	33,643	3/4	48,084	3/4	63,037	3/4	78,122	3/4	93,205	3/4	108,287	3/4	123,352	3/4	138,367
3	3,785	3	18,867	3	33,957	3	48,384	3	63,351	3	78,436	3	93,520	3	108,601	3	123,665	3	138,679
1/4	4,098	1/4	19,182	1/4	34,259	1/4	48,696	1/4	63,665	1/4	78,751	1/4	93,834	1/4	108,916	1/4	123,979	1/4	138,992
1/2	4,411	1/2	19,496	1/2	34,562	1/2	49,008	1/2	63,980	1/2	79,065	1/2	94,148	1/2	109,230	1/2	124,292	1/2	139,305
3/4	4,723	3/4	19,811	3/4	34,864	3/4	49,320	3/4	64,294	3/4	79,379	3/4	94,462	3/4	109,544	3/4	124,605	3/4	139,617
4	5,036	4	20,125	4	35,167	4	49,633	4	64,608	4	79,694	4	94,777	4	109,858	4	124,918	4	139,930
1/4	5,351	1/4	20,439	1/4	35,468	1/4	49,943	1/4	64,922	1/4	80,008	1/4	95,091	1/4	110,172	1/4	125,232	1/4	140,243
1/2	5,665	1/2	20,754	1/2	35,769	1/2	50,254	1/2	65,237	1/2	80,322	1/2	95,405	1/2	110,486	1/2	125,545	1/2	140,556
3/4	5,979	3/4	21,068	3/4	36,071	3/4	50,565	3/4	65,551	3/4	80,636	3/4	95,719	3/4	110,800	3/4	125,858	3/4	140,869
5	6,293	5	21,382	5	36,372	5	50,876	5	65,865	5	80,951	5	96,033	5	111,115	5	126,172	5	141,182
1/4	6,607	1/4	21,697	1/4	36,673	1/4	51,187	1/4	66,180	1/4	81,265	1/4	96,348	1/4	111,429	1/4	126,485	1/4	141,494
1/2	6,922	1/2	22,011	1/2	36,974	1/2	51,498	1/2	66,494	1/2	81,579	1/2	96,662	1/2	111,743	1/2	126,798	1/2	141,807
3/4	7,236	3/4	22,325	3/4	37,276	3/4	51,809	3/4	66,808	3/4	81,893	3/4	96,976	3/4	112,057	3/4	127,112	3/4	142,120
6	7,550	6	22,640	6	37,577	6	52,120	6	67,122	6	82,208	6	97,290	6	112,371	6	127,425	6	142,433
1/4	7,865	1/4	22,954	1/4	37,877	1/4	52,432	1/4	67,437	1/4	82,522	1/4	97,604	1/4	112,685	1/4	127,738	1/4	142,746
1/2	8,179	1/2	23,269	1/2	38,177	1/2	52,743	1/2	67,751	1/2	82,836	1/2	97,919	1/2	112,999	1/2	128,051	1/2	143,059
3/4	8,493	3/4	23,583	3/4	38,478	3/4	53,055	3/4	68,065	3/4	83,151	3/4	98,233	3/4	113,314	3/4	128,365	3/4	143,371
7	8,808	7	23,897	7	38,778	7	53,367	7	68,380	7	83,465	7	98,547	7	113,628	7	128,678	7	143,684
1/4	9,122	1/4	24,212	1/4	39,078	1/4	53,678	1/4	68,694	1/4	83,779	1/4	98,861	1/4	113,942	1/4	128,992	1/4	143,997
1/2	9,436	1/2	24,526	1/2	39,378	1/2	53,990	1/2	69,008	1/2	84,093	1/2	99,175	1/2	114,256	1/2	129,305	1/2	144,310
3/4	9,751	3/4	24,840	3/4	39,679	3/4	54,302	3/4	69,322	3/4	84,408	3/4	99,490	3/4	114,570	3/4	129,619	3/4	144,623
8	10,065	8	25,155	8	39,979	8	54,614	8	69,637	8	84,722	8	99,804	8	114,884	8	129,932	8	144,935
1/4	10,380	1/4	25,469	1/4	40,279	1/4	54,925	1/4	69,951	1/4	85,036	1/4	100,118	1/4	115,199	1/4	130,246	1/4	145,248
1/2	10,694	1/2	25,783	1/2	40,579	1/2	55,237	1/2	70,265	1/2	85,350	1/2	100,432	1/2	115,513	1/2	130,560	1/2	145,561
3/4	11,008	3/4	26,098	3/4	40,879	3/4	55,549	3/4	70,579	3/4	85,665	3/4	100,746	3/4	115,827	3/4	130,873	3/4	145,874
9	11,323	9	26,412	9	41,180	9	55,860	9	70,894	9	85,979	9	101,061	9	116,141	9	131,187	9	146,187
1/4	11,637	1/4	26,727	1/4	41,480	1/4	56,172	1/4	71,208	1/4	86,293	1/4	101,375	1/4	116,455	1/4	131,499	1/4	146,356
1/2	11,951	1/2	27,041	1/2	41,780	1/2	56,484	1/2	71,522	1/2	86,607	1/2	101,689	1/2	116,768	1/2	131,811	1/2	146,524
3/4	12,266	3/4	27,355	3/4	42,080	3/4	56,795	3/4	71,837	3/4	86,921	3/4	102,003	3/4	117,082	3/4	132,123	3/4	146,693
10	12,580	10	27,670	10	42,380	10	57,107	10	72,151	10	87,236	10	102,317	10	117,396	10	132,436	10	146,862
1/4	12,895	1/4	27,984	1/4	42,681	1/4	57,419	1/4	72,465	1/4	87,550	1/4	102,632	1/4	117,709	1/4	132,748	1/4	147,030
1/2	13,209	1/2	28,298	1/2	42,981	1/2	57,730	1/2	72,779	1/2	87,864	1/2	102,946	1/2	118,023	1/2	133,060	1/2	147,199
3/4	13,523	3/4	28,613	3/4	43,281	3/4	58,042	3/4	73,094	3/4	88,178	3/4	103,260	3/4	118,336	3/4	133,372	3/4	147,368
11	13,838	11	28,927	11	43,581	11	58,354	11	73,408	11	88,492	11	103,574	11	118,650	11	133,684	11	147,537
1/4	14,152	1/4	29,241	1/4	43,881	1/4	58,665	1/4	73,722	1/4	88,807	1/4	103,888	1/4	118,964	1/4	133,996	1/4	147,705
1/2	14,466	1/2	29,556	1/2	44,181	1/2	58,977	1/2	74,037	1/2	89,121	1/2	104,203	1/2	119,277	1/2	134,309	1/2	147,874
3/4	14,781	3/4	29,870	3/4	44,482	3/4	59,289	3/4	74,351	3/4	89,435	3/4	104,517	3/4	119,591	3/4	134,621	3/4	148,043

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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Pearland, Texas 77588

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BARGE "CBC 382"

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	148,212	0	156,311	0	164,410	0	172,509	0	180,575	0		0		0		0		0	
1/4	148,380	1/4	156,479	1/4	164,579	1/4	172,678	1/4	180,741	1/4		1/4		1/4		1/4		1/4	
1/2	148,549	1/2	156,648	1/2	164,747	1/2	172,846	1/2	180,908	1/2		1/2		1/2		1/2		1/2	
3/4	148,718	3/4	156,817	3/4	164,916	3/4	173,015	3/4	181,074	3/4		3/4		3/4		3/4		3/4	
1	148,886	1	156,986	1	165,085	1	173,184	1	181,241	1		1		1		1		1	
1/4	149,055	1/4	157,154	1/4	165,253	1/4	173,352	1/4	181,407	1/4		1/4		1/4		1/4		1/4	
1/2	149,224	1/2	157,323	1/2	165,422	1/2	173,520	1/2	181,574	1/2		1/2		1/2		1/2		1/2	
3/4	149,393	3/4	157,492	3/4	165,591	3/4	173,688	3/4	181,740	3/4		3/4		3/4		3/4		3/4	
2	149,561	2	157,661	2	165,760	2	173,856	2	181,907	2		2		2		2		2	
1/4	149,730	1/4	157,829	1/4	165,928	1/4	174,024	1/4	182,073	1/4		1/4		1/4		1/4		1/4	
1/2	149,899	1/2	157,998	1/2	166,097	1/2	174,193	1/2	182,240	1/2		1/2		1/2		1/2		1/2	
3/4	150,068	3/4	158,167	3/4	166,266	3/4	174,361	3/4	182,406	3/4		3/4		3/4		3/4		3/4	
3	150,236	3	158,335	3	166,435	3	174,529	3	182,572	3		3		3		3		3	
1/4	150,405	1/4	158,504	1/4	166,603	1/4	174,697	1/4	182,739	1/4		1/4		1/4		1/4		1/4	
1/2	150,574	1/2	158,673	1/2	166,772	1/2	174,865	1/2	182,905	1/2		1/2		1/2		1/2		1/2	
3/4	150,743	3/4	158,842	3/4	166,941	3/4	175,033	3/4	183,071	3/4		3/4		3/4		3/4		3/4	
4	150,911	4	159,010	4	167,109	4	175,201	4	183,237	4		4		4		4		4	
1/4	151,080	1/4	159,179	1/4	167,278	1/4	175,369	1/4	183,402	1/4		1/4		1/4		1/4		1/4	
1/2	151,249	1/2	159,348	1/2	167,447	1/2	175,538	1/2	183,567	1/2		1/2		1/2		1/2		1/2	
3/4	151,417	3/4	159,517	3/4	167,616	3/4	175,706	3/4	183,732	3/4		3/4		3/4		3/4		3/4	
5	151,586	5	159,685	5	167,784	5	175,874	5	183,897	5		5		5		5		5	
1/4	151,755	1/4	159,854	1/4	167,953	1/4	176,042	1/4	184,037	1/4		1/4		1/4		1/4		1/4	
1/2	151,924	1/2	160,023	1/2	168,122	1/2	176,210	1/2	184,177	1/2		1/2		1/2		1/2		1/2	
3/4	152,092	3/4	160,192	3/4	168,291	3/4	176,378	3/4	184,318	3/4		3/4		3/4		3/4		3/4	
6	152,261	6	160,360	6	168,459	6	176,546	6	184,458	6		6		6		6		6	
1/4	152,430	1/4	160,529	1/4	168,628	1/4	176,714	1/4	184,546	1/4		1/4		1/4		1/4		1/4	
1/2	152,599	1/2	160,698	1/2	168,797	1/2	176,882	1/2	184,633	1/2		1/2		1/2		1/2		1/2	
3/4	152,767	3/4	160,866	3/4	168,966	3/4	177,051	3/4	184,721	3/4		3/4		3/4		3/4		3/4	
7	152,936	7	161,035	7	169,134	7	177,219	7	184,809	7		7		7		7		7	
1/4	153,105	1/4	161,204	1/4	169,303	1/4	177,387	1/4	184,845	1/4		1/4		1/4		1/4		1/4	
1/2	153,274	1/2	161,373	1/2	169,472	1/2	177,555	1/2	184,881	1/2		1/2		1/2		1/2		1/2	
3/4	153,442	3/4	161,541	3/4	169,640	3/4	177,723	3/4	184,917	3/4		3/4		3/4		3/4		3/4	
8	153,611	8	161,710	8	169,809	8	177,891	8	184,953	8		8		8		8		8	
1/4	153,780	1/4	161,879	1/4	169,978	1/4	178,059	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153,948	1/2	162,048	1/2	170,147	1/2	178,227	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,117	3/4	162,216	3/4	170,315	3/4	178,396	3/4		3/4		3/4		3/4		3/4		3/4	
9	154,286	9	162,385	9	170,484	9	178,564	9		9		9		9		9		9	
1/4	154,455	1/4	162,554	1/4	170,653	1/4	178,732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154,623	1/2	162,722	1/2	170,822	1/2	178,900	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154,792	3/4	162,891	3/4	170,990	3/4	179,068	3/4		3/4		3/4		3/4		3/4		3/4	
10	154,961	10	163,060	10	171,159	10	179,236	10		10		10		10		10		10	
1/4	155,130	1/4	163,229	1/4	171,328	1/4	179,404	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,298	1/2	163,397	1/2	171,497	1/2	179,572	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	155,467	3/4	163,566	3/4	171,665	3/4	179,741	3/4		3/4		3/4		3/4		3/4		3/4	
11	155,636	11	163,735	11	171,834	11	179,909	11		11		11		11		11		11	
1/4	155,804	1/4	163,904	1/4	172,003	1/4	180,075	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155,973	1/2	164,072	1/2	172,171	1/2	180,242	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156,142	3/4	164,241	3/4	172,340	3/4	180,408	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
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BARGE "CBC 382"

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	- 00-1/8	00-1/8	- 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	- 00-1/8	00-1/8	- 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"

April 24, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "CBC 382"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	208,738	0	193,547	0	178,319	0	163,090	0	147,862	0	132,634	0	117,406	0	102,175
1/4		1/4		1/4	208,422	1/4	193,229	1/4	178,001	1/4	162,773	1/4	147,545	1/4	132,317	1/4	117,089	1/4	101,857
1/2		1/2	222,216	1/2	208,106	1/2	192,912	1/2	177,684	1/2	162,456	1/2	147,228	1/2	132,000	1/2	116,771	1/2	101,540
3/4		3/4	222,034	3/4	207,790	3/4	192,595	3/4	177,367	3/4	162,139	3/4	146,910	3/4	131,682	3/4	116,454	3/4	101,223
1		1	221,852	1	207,474	1	192,278	1	177,049	1	161,821	1	146,593	1	131,365	1	116,137	1	100,905
1/4		1/4	221,670	1/4	207,158	1/4	191,960	1/4	176,732	1/4	161,504	1/4	146,276	1/4	131,048	1/4	115,820	1/4	100,588
1/2		1/2	221,487	1/2	206,842	1/2	191,643	1/2	176,415	1/2	161,187	1/2	145,959	1/2	130,731	1/2	115,502	1/2	100,271
3/4		3/4	221,254	3/4	206,526	3/4	191,326	3/4	176,098	3/4	160,870	3/4	145,641	3/4	130,413	3/4	115,185	3/4	99,953
2		2	221,020	2	206,210	2	191,009	2	175,780	2	160,552	2	145,324	2	130,096	2	114,868	2	99,636
1/4		1/4	220,786	1/4	205,894	1/4	190,691	1/4	175,463	1/4	160,235	1/4	145,007	1/4	129,779	1/4	114,551	1/4	99,318
1/2		1/2	220,552	1/2	205,578	1/2	190,374	1/2	175,146	1/2	159,918	1/2	144,690	1/2	129,462	1/2	114,233	1/2	99,001
3/4		3/4	220,266	3/4	205,262	3/4	190,057	3/4	174,829	3/4	159,601	3/4	144,372	3/4	129,144	3/4	113,916	3/4	98,684
3		3	219,979	3	204,946	3	189,740	3	174,511	3	159,283	3	144,055	3	128,827	3	113,599	3	98,366
1/4		1/4	219,693	1/4	204,630	1/4	189,422	1/4	174,194	1/4	158,966	1/4	143,738	1/4	128,510	1/4	113,282	1/4	98,049
1/2		1/2	219,406	1/2	204,314	1/2	189,105	1/2	173,877	1/2	158,649	1/2	143,421	1/2	128,193	1/2	112,964	1/2	97,732
3/4		3/4	219,095	3/4	203,998	3/4	188,788	3/4	173,560	3/4	158,332	3/4	143,103	3/4	127,875	3/4	112,647	3/4	97,414
4		4	218,783	4	203,682	4	188,471	4	173,242	4	158,014	4	142,786	4	127,558	4	112,330	4	97,097
1/4		1/4	218,471	1/4	203,366	1/4	188,153	1/4	172,925	1/4	157,697	1/4	142,469	1/4	127,241	1/4	112,013	1/4	96,779
1/2		1/2	218,160	1/2	203,050	1/2	187,836	1/2	172,608	1/2	157,380	1/2	142,152	1/2	126,924	1/2	111,695	1/2	96,462
3/4		3/4	217,847	3/4	202,734	3/4	187,519	3/4	172,291	3/4	157,063	3/4	141,834	3/4	126,606	3/4	111,378	3/4	96,145
5		5	217,534	5	202,418	5	187,202	5	171,973	5	156,745	5	141,517	5	126,289	5	111,061	5	95,827
1/4		1/4	217,222	1/4	202,101	1/4	186,884	1/4	171,656	1/4	156,428	1/4	141,200	1/4	125,972	1/4	110,744	1/4	95,510
1/2		1/2	216,909	1/2	201,785	1/2	186,567	1/2	171,339	1/2	156,111	1/2	140,883	1/2	125,655	1/2	110,426	1/2	95,193
3/4		3/4	216,596	3/4	201,469	3/4	186,250	3/4	171,022	3/4	155,794	3/4	140,565	3/4	125,337	3/4	110,109	3/4	94,875
6		6	216,283	6	201,153	6	185,933	6	170,704	6	155,476	6	140,248	6	125,020	6	109,792	6	94,558
1/4		1/4	215,970	1/4	200,837	1/4	185,615	1/4	170,387	1/4	155,159	1/4	139,931	1/4	124,703	1/4	109,474	1/4	94,241
1/2		1/2	215,657	1/2	200,521	1/2	185,298	1/2	170,070	1/2	154,842	1/2	139,614	1/2	124,385	1/2	109,157	1/2	93,923
3/4		3/4	215,344	3/4	200,205	3/4	184,981	3/4	169,753	3/4	154,525	3/4	139,296	3/4	124,068	3/4	108,840	3/4	93,606
7		7	215,030	7	199,889	7	184,664	7	169,435	7	154,207	7	138,979	7	123,751	7	108,522	7	93,288
1/4		1/4	214,717	1/4	199,573	1/4	184,346	1/4	169,118	1/4	153,890	1/4	138,662	1/4	123,434	1/4	108,205	1/4	92,971
1/2		1/2	214,404	1/2	199,257	1/2	184,029	1/2	168,801	1/2	153,573	1/2	138,345	1/2	123,116	1/2	107,887	1/2	92,654
3/4		3/4	214,091	3/4	198,940	3/4	183,712	3/4	168,484	3/4	153,256	3/4	138,027	3/4	122,799	3/4	107,570	3/4	92,336
8		8	213,778	8	198,623	8	183,395	8	168,166	8	152,938	8	137,710	8	122,482	8	107,253	8	92,019
1/4		1/4	213,465	1/4	198,305	1/4	183,077	1/4	167,849	1/4	152,621	1/4	137,393	1/4	122,165	1/4	106,935	1/4	91,702
1/2		1/2	213,152	1/2	197,988	1/2	182,760	1/2	167,532	1/2	152,304	1/2	137,076	1/2	121,847	1/2	106,618	1/2	91,384
3/4		3/4	212,839	3/4	197,671	3/4	182,443	3/4	167,215	3/4	151,987	3/4	136,758	3/4	121,530	3/4	106,301	3/4	91,067
9		9	212,525	9	197,354	9	182,126	9	166,897	9	151,669	9	136,441	9	121,213	9	105,983	9	90,749
1/4		1/4	212,212	1/4	197,036	1/4	181,808	1/4	166,580	1/4	151,352	1/4	136,124	1/4	120,896	1/4	105,666	1/4	90,432
1/2		1/2	211,899	1/2	196,719	1/2	181,491	1/2	166,263	1/2	151,035	1/2	135,807	1/2	120,578	1/2	105,348	1/2	90,115
3/4		3/4	211,583	3/4	196,402	3/4	181,174	3/4	165,946	3/4	150,717	3/4	135,489	3/4	120,261	3/4	105,031	3/4	89,797
10		10	211,267	10	196,085	10	180,857	10	165,628	10	150,400	10	135,172	10	119,944	10	104,714	10	89,480
1/4		1/4	210,951	1/4	195,767	1/4	180,539	1/4	165,311	1/4	150,083	1/4	134,855	1/4	119,627	1/4	104,396	1/4	89,163
1/2		1/2	210,635	1/2	195,450	1/2	180,222	1/2	164,994	1/2	149,766	1/2	134,538	1/2	119,309	1/2	104,079	1/2	88,845
3/4		3/4	210,319	3/4	195,133	3/4	179,905	3/4	164,677	3/4	149,448	3/4	134,220	3/4	118,992	3/4	103,762	3/4	88,528
11		11	210,002	11	194,816	11	179,588	11	164,359	11	149,131	11	133,903	11	118,675	11	103,444	11	88,210
1/4		1/4	209,686	1/4	194,498	1/4	179,270	1/4	164,042	1/4	148,814	1/4	133,586	1/4	118,358	1/4	103,127	1/4	87,893
1/2		1/2	209,370	1/2	194,181	1/2	178,953	1/2	163,725	1/2	148,497	1/2	133,269	1/2	118,040	1/2	102,809	1/2	87,576
3/4		3/4	209,054	3/4	193,864	3/4	178,636	3/4	163,408	3/4	148,179	3/4	132,951	3/4	117,723	3/4	102,492	3/4	87,258

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 382"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,941	0	71,707	0	56,474	0	41,257	0	26,027	0	10,794	0		0		0		0	
1/4	86,624	1/4	71,390	1/4	56,156	1/4	40,940	1/4	25,710	1/4	10,477	1/4		1/4		1/4		1/4	
1/2	86,306	1/2	71,073	1/2	55,839	1/2	40,624	1/2	25,393	1/2	10,159	1/2		1/2		1/2		1/2	
3/4	85,989	3/4	70,755	3/4	55,521	3/4	40,307	3/4	25,075	3/4	9,842	3/4		3/4		3/4		3/4	
1	85,672	1	70,438	1	55,204	1	39,990	1	24,758	1	9,525	1		1		1		1	
1/4	85,354	1/4	70,120	1/4	54,887	1/4	39,673	1/4	24,440	1/4	9,207	1/4		1/4		1/4		1/4	
1/2	85,037	1/2	69,803	1/2	54,569	1/2	39,356	1/2	24,123	1/2	8,890	1/2		1/2		1/2		1/2	
3/4	84,719	3/4	69,486	3/4	54,252	3/4	39,039	3/4	23,806	3/4	8,573	3/4		3/4		3/4		3/4	
2	84,402	2	69,168	2	53,935	2	38,722	2	23,488	2	8,255	2		2		2		2	
1/4	84,085	1/4	68,851	1/4	53,617	1/4	38,404	1/4	23,171	1/4	7,938	1/4		1/4		1/4		1/4	
1/2	83,767	1/2	68,534	1/2	53,300	1/2	38,087	1/2	22,854	1/2	7,621	1/2		1/2		1/2		1/2	
3/4	83,450	3/4	68,216	3/4	52,982	3/4	37,769	3/4	22,536	3/4	7,303	3/4		3/4		3/4		3/4	
3	83,133	3	67,899	3	52,665	3	37,452	3	22,219	3	6,986	3		3		3		3	
1/4	82,815	1/4	67,581	1/4	52,348	1/4	37,135	1/4	21,902	1/4	6,669	1/4		1/4		1/4		1/4	
1/2	82,498	1/2	67,264	1/2	52,030	1/2	36,817	1/2	21,584	1/2	6,351	1/2		1/2		1/2		1/2	
3/4	82,180	3/4	66,947	3/4	51,714	3/4	36,500	3/4	21,267	3/4	6,034	3/4		3/4		3/4		3/4	
4	81,863	4	66,629	4	51,397	4	36,183	4	20,950	4	5,717	4		4		4		4	
1/4	81,546	1/4	66,312	1/4	51,080	1/4	35,865	1/4	20,632	1/4	5,401	1/4		1/4		1/4		1/4	
1/2	81,228	1/2	65,995	1/2	50,763	1/2	35,548	1/2	20,315	1/2	5,084	1/2		1/2		1/2		1/2	
3/4	80,911	3/4	65,677	3/4	50,446	3/4	35,231	3/4	19,997	3/4	4,768	3/4		3/4		3/4		3/4	
5	80,594	5	65,360	5	50,129	5	34,913	5	19,680	5	4,452	5		5		5		5	
1/4	80,276	1/4	65,043	1/4	49,812	1/4	34,596	1/4	19,363	1/4	4,136	1/4		1/4		1/4		1/4	
1/2	79,959	1/2	64,725	1/2	49,496	1/2	34,279	1/2	19,045	1/2	3,820	1/2		1/2		1/2		1/2	
3/4	79,642	3/4	64,408	3/4	49,179	3/4	33,961	3/4	18,728	3/4	3,529	3/4		3/4		3/4		3/4	
6	79,324	6	64,090	6	48,862	6	33,644	6	18,411	6	3,239	6		6		6		6	
1/4	79,007	1/4	63,773	1/4	48,545	1/4	33,326	1/4	18,093	1/4	2,948	1/4		1/4		1/4		1/4	
1/2	78,689	1/2	63,456	1/2	48,228	1/2	33,009	1/2	17,776	1/2	2,657	1/2		1/2		1/2		1/2	
3/4	78,372	3/4	63,138	3/4	47,911	3/4	32,692	3/4	17,459	3/4	2,419	3/4		3/4		3/4		3/4	
7	78,055	7	62,821	7	47,594	7	32,374	7	17,141	7	2,181	7		7		7		7	
1/4	77,737	1/4	62,504	1/4	47,278	1/4	32,057	1/4	16,824	1/4	1,943	1/4		1/4		1/4		1/4	
1/2	77,420	1/2	62,186	1/2	46,961	1/2	31,740	1/2	16,507	1/2	1,705	1/2		1/2		1/2		1/2	
3/4	77,103	3/4	61,869	3/4	46,644	3/4	31,422	3/4	16,189	3/4	1,520	3/4		3/4		3/4		3/4	
8	76,785	8	61,551	8	46,327	8	31,105	8	15,872	8	1,335	8		8		8		8	
1/4	76,468	1/4	61,234	1/4	46,010	1/4	30,788	1/4	15,554	1/4	1,150	1/4		1/4		1/4		1/4	
1/2	76,150	1/2	60,917	1/2	45,693	1/2	30,470	1/2	15,237	1/2	965	1/2		1/2		1/2		1/2	
3/4	75,833	3/4	60,599	3/4	45,376	3/4	30,153	3/4	14,920	3/4		3/4		3/4		3/4		3/4	
9	75,516	9	60,282	9	45,060	9	29,836	9	14,602	9		9		9		9		9	
1/4	75,198	1/4	59,965	1/4	44,743	1/4	29,518	1/4	14,285	1/4		1/4		1/4		1/4		1/4	
1/2	74,881	1/2	59,647	1/2	44,426	1/2	29,201	1/2	13,968	1/2		1/2		1/2		1/2		1/2	
3/4	74,564	3/4	59,330	3/4	44,109	3/4	28,883	3/4	13,650	3/4		3/4		3/4		3/4		3/4	
10	74,246	10	59,012	10	43,792	10	28,566	10	13,333	10		10		10		10		10	
1/4	73,929	1/4	58,695	1/4	43,475	1/4	28,249	1/4	13,016	1/4		1/4		1/4		1/4		1/4	
1/2	73,611	1/2	58,378	1/2	43,158	1/2	27,931	1/2	12,698	1/2		1/2		1/2		1/2		1/2	
3/4	73,294	3/4	58,060	3/4	42,842	3/4	27,614	3/4	12,381	3/4		3/4		3/4		3/4		3/4	
11	72,977	11	57,743	11	42,525	11	27,297	11	12,064	11		11		11		11		11	
1/4	72,659	1/4	57,426	1/4	42,208	1/4	26,979	1/4	11,746	1/4		1/4		1/4		1/4		1/4	
1/2	72,342	1/2	57,108	1/2	41,891	1/2	26,662	1/2	11,429	1/2		1/2		1/2		1/2		1/2	
3/4	72,025	3/4	56,791	3/4	41,574	3/4	26,345	3/4	11,111	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 382"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	209,416	0	194,218	0	178,980	0	163,743	0	148,506	0	133,269	0	118,031	0	102,791
1/4		1/4		1/4	209,100	1/4	193,900	1/4	178,663	1/4	163,426	1/4	148,188	1/4	132,951	1/4	117,714	1/4	102,474
1/2		1/2		1/2	208,783	1/2	193,583	1/2	178,346	1/2	163,108	1/2	147,871	1/2	132,634	1/2	117,396	1/2	102,156
3/4		3/4		3/4	208,467	3/4	193,265	3/4	178,028	3/4	162,791	3/4	147,554	3/4	132,316	3/4	117,079	3/4	101,839
1		1	222,269	1	208,151	1	192,948	1	177,711	1	162,473	1	147,236	1	131,999	1	116,762	1	101,521
1/4		1/4	222,087	1/4	207,835	1/4	192,630	1/4	177,393	1/4	162,156	1/4	146,919	1/4	131,681	1/4	116,444	1/4	101,204
1/2		1/2	221,905	1/2	207,518	1/2	192,313	1/2	177,076	1/2	161,839	1/2	146,601	1/2	131,364	1/2	116,127	1/2	100,886
3/4		3/4	221,722	3/4	207,202	3/4	191,996	3/4	176,758	3/4	161,521	3/4	146,284	3/4	131,047	3/4	115,809	3/4	100,568
2		2	221,540	2	206,886	2	191,678	2	176,441	2	161,204	2	145,966	2	130,729	2	115,492	2	100,251
1/4		1/4	221,306	1/4	206,570	1/4	191,361	1/4	176,123	1/4	160,886	1/4	145,649	1/4	130,412	1/4	115,174	1/4	99,933
1/2		1/2	221,072	1/2	206,254	1/2	191,043	1/2	175,806	1/2	160,569	1/2	145,331	1/2	130,094	1/2	114,857	1/2	99,616
3/4		3/4	220,839	3/4	205,937	3/4	190,726	3/4	175,489	3/4	160,251	3/4	145,014	3/4	129,777	3/4	114,540	3/4	99,298
3		3	220,605	3	205,621	3	190,408	3	175,171	3	159,934	3	144,697	3	129,459	3	114,222	3	98,981
1/4		1/4	220,318	1/4	205,305	1/4	190,091	1/4	174,854	1/4	159,616	1/4	144,379	1/4	129,142	1/4	113,905	1/4	98,663
1/2		1/2	220,031	1/2	204,989	1/2	189,773	1/2	174,536	1/2	159,299	1/2	144,062	1/2	128,824	1/2	113,587	1/2	98,345
3/4		3/4	219,744	3/4	204,672	3/4	189,456	3/4	174,219	3/4	158,982	3/4	143,744	3/4	128,507	3/4	113,270	3/4	98,028
4		4	219,458	4	204,356	4	189,139	4	173,901	4	158,664	4	143,427	4	128,190	4	112,952	4	97,710
1/4		1/4	219,146	1/4	204,040	1/4	188,821	1/4	173,584	1/4	158,347	1/4	143,109	1/4	127,872	1/4	112,635	1/4	97,393
1/2		1/2	218,834	1/2	203,724	1/2	188,504	1/2	173,266	1/2	158,029	1/2	142,792	1/2	127,555	1/2	112,317	1/2	97,075
3/4		3/4	218,522	3/4	203,408	3/4	188,186	3/4	172,949	3/4	157,712	3/4	142,474	3/4	127,237	3/4	112,000	3/4	96,758
5		5	218,210	5	203,091	5	187,869	5	172,632	5	157,394	5	142,157	5	126,920	5	111,683	5	96,440
1/4		1/4	217,898	1/4	202,775	1/4	187,551	1/4	172,314	1/4	157,077	1/4	141,840	1/4	126,602	1/4	111,365	1/4	96,123
1/2		1/2	217,585	1/2	202,459	1/2	187,234	1/2	171,997	1/2	156,759	1/2	141,522	1/2	126,285	1/2	111,048	1/2	95,805
3/4		3/4	217,272	3/4	202,143	3/4	186,916	3/4	171,679	3/4	156,442	3/4	141,205	3/4	125,967	3/4	110,730	3/4	95,487
6		6	216,959	6	201,827	6	186,599	6	171,362	6	156,125	6	140,887	6	125,650	6	110,413	6	95,170
1/4		1/4	216,646	1/4	201,510	1/4	186,282	1/4	171,044	1/4	155,807	1/4	140,570	1/4	125,333	1/4	110,095	1/4	94,852
1/2		1/2	216,332	1/2	201,194	1/2	185,964	1/2	170,727	1/2	155,490	1/2	140,252	1/2	125,015	1/2	109,778	1/2	94,535
3/4		3/4	216,019	3/4	200,878	3/4	185,647	3/4	170,409	3/4	155,172	3/4	139,935	3/4	124,698	3/4	109,460	3/4	94,217
7		7	215,706	7	200,562	7	185,329	7	170,092	7	154,855	7	139,617	7	124,380	7	109,143	7	93,900
1/4		1/4	215,393	1/4	200,245	1/4	185,012	1/4	169,775	1/4	154,537	1/4	139,300	1/4	124,063	1/4	108,825	1/4	93,582
1/2		1/2	215,079	1/2	199,929	1/2	184,694	1/2	169,457	1/2	154,220	1/2	138,983	1/2	123,745	1/2	108,507	1/2	93,265
3/4		3/4	214,766	3/4	199,613	3/4	184,377	3/4	169,140	3/4	153,902	3/4	138,665	3/4	123,428	3/4	108,190	3/4	92,947
8		8	214,453	8	199,297	8	184,060	8	168,822	8	153,585	8	138,348	8	123,110	8	107,872	8	92,629
1/4		1/4	214,139	1/4	198,979	1/4	183,742	1/4	168,505	1/4	153,268	1/4	138,030	1/4	122,793	1/4	107,555	1/4	92,312
1/2		1/2	213,826	1/2	198,662	1/2	183,425	1/2	168,187	1/2	152,950	1/2	137,713	1/2	122,476	1/2	107,237	1/2	91,994
3/4		3/4	213,513	3/4	198,344	3/4	183,107	3/4	167,870	3/4	152,633	3/4	137,395	3/4	122,158	3/4	106,920	3/4	91,677
9		9	213,200	9	198,027	9	182,790	9	167,552	9	152,315	9	137,078	9	121,841	9	106,602	9	91,359
1/4		1/4	212,886	1/4	197,710	1/4	182,472	1/4	167,235	1/4	151,998	1/4	136,761	1/4	121,523	1/4	106,284	1/4	91,042
1/2		1/2	212,573	1/2	197,392	1/2	182,155	1/2	166,918	1/2	151,680	1/2	136,443	1/2	121,206	1/2	105,967	1/2	90,724
3/4		3/4	212,260	3/4	197,075	3/4	181,837	3/4	166,600	3/4	151,363	3/4	136,126	3/4	120,888	3/4	105,649	3/4	90,406
10		10	211,946	10	196,757	10	181,520	10	166,283	10	151,045	10	135,808	10	120,571	10	105,332	10	90,089
1/4		1/4	211,630	1/4	196,440	1/4	181,203	1/4	165,965	1/4	150,728	1/4	135,491	1/4	120,253	1/4	105,014	1/4	89,771
1/2		1/2	211,314	1/2	196,122	1/2	180,885	1/2	165,648	1/2	150,411	1/2	135,173	1/2	119,936	1/2	104,697	1/2	89,454
3/4		3/4	210,997	3/4	195,805	3/4	180,568	3/4	165,330	3/4	150,093	3/4	134,856	3/4	119,619	3/4	104,379	3/4	89,136
11		11	210,681	11	195,487	11	180,250	11	165,013	11	149,776	11	134,538	11	119,301	11	104,062	11	88,819
1/4		1/4	210,365	1/4	195,170	1/4	179,933	1/4	164,695	1/4	149,458	1/4	134,221	1/4	118,984	1/4	103,744	1/4	88,501
1/2		1/2	210,048	1/2	194,853	1/2	179,615	1/2	164,378	1/2	149,141	1/2	133,904	1/2	118,666	1/2	103,426	1/2	88,184
3/4		3/4	209,732	3/4	194,535	3/4	179,298	3/4	164,061	3/4	148,823	3/4	133,586	3/4	118,349	3/4	103,109	3/4	87,866

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'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 382"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-09"

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	87,548	0	72,306	0	57,063	0	41,896	0	26,678	0	11,436	0		0		0		0	
1/4	87,231	1/4	71,988	1/4	56,745	1/4	41,581	1/4	26,360	1/4	11,118	1/4		1/4		1/4		1/4	
1/2	86,913	1/2	71,670	1/2	56,428	1/2	41,265	1/2	26,043	1/2	10,801	1/2		1/2		1/2		1/2	
3/4	86,596	3/4	71,353	3/4	56,110	3/4	40,950	3/4	25,725	3/4	10,483	3/4		3/4		3/4		3/4	
1	86,278	1	71,035	1	55,792	1	40,635	1	25,408	1	10,165	1		1		1		1	
1/4	85,961	1/4	70,718	1/4	55,475	1/4	40,319	1/4	25,090	1/4	9,848	1/4		1/4		1/4		1/4	
1/2	85,643	1/2	70,400	1/2	55,157	1/2	40,004	1/2	24,773	1/2	9,530	1/2		1/2		1/2		1/2	
3/4	85,326	3/4	70,083	3/4	54,840	3/4	39,689	3/4	24,455	3/4	9,213	3/4		3/4		3/4		3/4	
2	85,008	2	69,765	2	54,522	2	39,373	2	24,138	2	8,895	2		2		2		2	
1/4	84,690	1/4	69,448	1/4	54,205	1/4	39,057	1/4	23,820	1/4	8,578	1/4		1/4		1/4		1/4	
1/2	84,373	1/2	69,130	1/2	53,887	1/2	38,741	1/2	23,502	1/2	8,260	1/2		1/2		1/2		1/2	
3/4	84,055	3/4	68,812	3/4	53,570	3/4	38,425	3/4	23,185	3/4	7,943	3/4		3/4		3/4		3/4	
3	83,738	3	68,495	3	53,252	3	38,110	3	22,867	3	7,625	3		3		3		3	
1/4	83,420	1/4	68,177	1/4	52,936	1/4	37,792	1/4	22,550	1/4	7,308	1/4		1/4		1/4		1/4	
1/2	83,103	1/2	67,860	1/2	52,620	1/2	37,475	1/2	22,232	1/2	6,990	1/2		1/2		1/2		1/2	
3/4	82,785	3/4	67,542	3/4	52,304	3/4	37,157	3/4	21,915	3/4	6,673	3/4		3/4		3/4		3/4	
4	82,467	4	67,225	4	51,988	4	36,839	4	21,597	4	6,355	4		4		4		4	
1/4	82,150	1/4	66,907	1/4	51,673	1/4	36,522	1/4	21,280	1/4	6,038	1/4		1/4		1/4		1/4	
1/2	81,832	1/2	66,589	1/2	51,358	1/2	36,204	1/2	20,962	1/2	5,721	1/2		1/2		1/2		1/2	
3/4	81,515	3/4	66,272	3/4	51,042	3/4	35,887	3/4	20,645	3/4	5,404	3/4		3/4		3/4		3/4	
5	81,197	5	65,954	5	50,727	5	35,569	5	20,327	5	5,087	5		5		5		5	
1/4	80,880	1/4	65,637	1/4	50,411	1/4	35,252	1/4	20,009	1/4	4,771	1/4		1/4		1/4		1/4	
1/2	80,562	1/2	65,319	1/2	50,096	1/2	34,934	1/2	19,692	1/2	4,455	1/2		1/2		1/2		1/2	
3/4	80,245	3/4	65,002	3/4	49,781	3/4	34,617	3/4	19,374	3/4	4,139	3/4		3/4		3/4		3/4	
6	79,927	6	64,684	6	49,465	6	34,299	6	19,057	6	3,822	6		6		6		6	
1/4	79,609	1/4	64,367	1/4	49,150	1/4	33,981	1/4	18,739	1/4	3,531	1/4		1/4		1/4		1/4	
1/2	79,292	1/2	64,049	1/2	48,835	1/2	33,664	1/2	18,422	1/2	3,240	1/2		1/2		1/2		1/2	
3/4	78,974	3/4	63,731	3/4	48,519	3/4	33,346	3/4	18,104	3/4	2,950	3/4		3/4		3/4		3/4	
7	78,657	7	63,414	7	48,204	7	33,029	7	17,787	7	2,659	7		7		7		7	
1/4	78,339	1/4	63,096	1/4	47,888	1/4	32,711	1/4	17,469	1/4	2,420	1/4		1/4		1/4		1/4	
1/2	78,022	1/2	62,779	1/2	47,573	1/2	32,394	1/2	17,151	1/2	2,182	1/2		1/2		1/2		1/2	
3/4	77,704	3/4	62,461	3/4	47,258	3/4	32,076	3/4	16,834	3/4	1,944	3/4		3/4		3/4		3/4	
8	77,387	8	62,144	8	46,942	8	31,759	8	16,516	8	1,706	8		8		8		8	
1/4	77,069	1/4	61,826	1/4	46,627	1/4	31,441	1/4	16,199	1/4	1,521	1/4		1/4		1/4		1/4	
1/2	76,751	1/2	61,509	1/2	46,312	1/2	31,124	1/2	15,881	1/2	1,336	1/2		1/2		1/2		1/2	
3/4	76,434	3/4	61,191	3/4	45,996	3/4	30,806	3/4	15,564	3/4	1,150	3/4		3/4		3/4		3/4	
9	76,116	9	60,873	9	45,681	9	30,488	9	15,246	9	965	9		9		9		9	
1/4	75,799	1/4	60,556	1/4	45,365	1/4	30,171	1/4	14,929	1/4		1/4		1/4		1/4		1/4	
1/2	75,481	1/2	60,238	1/2	45,050	1/2	29,853	1/2	14,611	1/2		1/2		1/2		1/2		1/2	
3/4	75,164	3/4	59,921	3/4	44,735	3/4	29,536	3/4	14,294	3/4		3/4		3/4		3/4		3/4	
10	74,846	10	59,603	10	44,419	10	29,218	10	13,976	10		10		10		10		10	
1/4	74,528	1/4	59,286	1/4	44,104	1/4	28,901	1/4	13,658	1/4		1/4		1/4		1/4		1/4	
1/2	74,211	1/2	58,968	1/2	43,788	1/2	28,583	1/2	13,341	1/2		1/2		1/2		1/2		1/2	
3/4	73,893	3/4	58,651	3/4	43,473	3/4	28,266	3/4	13,023	3/4		3/4		3/4		3/4		3/4	
11	73,576	11	58,333	11	43,158	11	27,948	11	12,706	11		11		11		11		11	
1/4	73,258	1/4	58,015	1/4	42,842	1/4	27,631	1/4	12,388	1/4		1/4		1/4		1/4		1/4	
1/2	72,941	1/2	57,698	1/2	42,527	1/2	27,313	1/2	12,071	1/2		1/2		1/2		1/2		1/2	
3/4	72,623	3/4	57,380	3/4	42,212	3/4	26,995	3/4	11,753	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "CBC 382"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	208,012	0	192,874	0	177,699	0	162,523	0	147,348	0	132,173	0	116,998	0	101,820
1/4		1/4		1/4	207,697	1/4	192,558	1/4	177,382	1/4	162,207	1/4	147,032	1/4	131,857	1/4	116,682	1/4	101,503
1/2		1/2	221,443	1/2	207,382	1/2	192,241	1/2	177,066	1/2	161,891	1/2	146,716	1/2	131,541	1/2	116,365	1/2	101,187
3/4		3/4	221,261	3/4	207,067	3/4	191,925	3/4	176,750	3/4	161,575	3/4	146,400	3/4	131,224	3/4	116,049	3/4	100,871
1		1	221,080	1	206,753	1	191,609	1	176,434	1	161,259	1	146,084	1	130,908	1	115,733	1	100,554
1/4		1/4	220,898	1/4	206,438	1/4	191,293	1/4	176,118	1/4	160,943	1/4	145,767	1/4	130,592	1/4	115,417	1/4	100,238
1/2		1/2	220,717	1/2	206,123	1/2	190,977	1/2	175,802	1/2	160,626	1/2	145,451	1/2	130,276	1/2	115,101	1/2	99,922
3/4		3/4	220,484	3/4	205,808	3/4	190,661	3/4	175,485	3/4	160,310	3/4	145,135	3/4	129,960	3/4	114,785	3/4	99,606
2		2	220,251	2	205,493	2	190,344	2	175,169	2	159,994	2	144,819	2	129,644	2	114,469	2	99,289
1/4		1/4	220,018	1/4	205,178	1/4	190,028	1/4	174,853	1/4	159,678	1/4	144,503	1/4	129,328	1/4	114,152	1/4	98,973
1/2		1/2	219,785	1/2	204,863	1/2	189,712	1/2	174,537	1/2	159,362	1/2	144,187	1/2	129,011	1/2	113,836	1/2	98,657
3/4		3/4	219,500	3/4	204,548	3/4	189,396	3/4	174,221	3/4	159,046	3/4	143,870	3/4	128,695	3/4	113,520	3/4	98,341
3		3	219,214	3	204,233	3	189,080	3	173,905	3	158,730	3	143,554	3	128,379	3	113,204	3	98,024
1/4		1/4	218,928	1/4	203,918	1/4	188,764	1/4	173,589	1/4	158,413	1/4	143,238	1/4	128,063	1/4	112,888	1/4	97,708
1/2		1/2	218,643	1/2	203,603	1/2	188,448	1/2	173,272	1/2	158,097	1/2	142,922	1/2	127,747	1/2	112,572	1/2	97,392
3/4		3/4	218,332	3/4	203,288	3/4	188,131	3/4	172,956	3/4	157,781	3/4	142,606	3/4	127,431	3/4	112,255	3/4	97,076
4		4	218,022	4	202,973	4	187,815	4	172,640	4	157,465	4	142,290	4	127,115	4	111,939	4	96,759
1/4		1/4	217,711	1/4	202,658	1/4	187,499	1/4	172,324	1/4	157,149	1/4	141,974	1/4	126,798	1/4	111,623	1/4	96,443
1/2		1/2	217,401	1/2	202,344	1/2	187,183	1/2	172,008	1/2	156,833	1/2	141,657	1/2	126,482	1/2	111,307	1/2	96,127
3/4		3/4	217,089	3/4	202,029	3/4	186,867	3/4	171,692	3/4	156,516	3/4	141,341	3/4	126,166	3/4	110,991	3/4	95,810
5		5	216,778	5	201,714	5	186,551	5	171,376	5	156,200	5	141,025	5	125,850	5	110,675	5	95,494
1/4		1/4	216,466	1/4	201,399	1/4	186,235	1/4	171,059	1/4	155,884	1/4	140,709	1/4	125,534	1/4	110,359	1/4	95,178
1/2		1/2	216,154	1/2	201,084	1/2	185,918	1/2	170,743	1/2	155,568	1/2	140,393	1/2	125,218	1/2	110,042	1/2	94,862
3/4		3/4	215,842	3/4	200,769	3/4	185,602	3/4	170,427	3/4	155,252	3/4	140,077	3/4	124,901	3/4	109,726	3/4	94,545
6		6	215,530	6	200,454	6	185,286	6	170,111	6	154,936	6	139,761	6	124,585	6	109,410	6	94,229
1/4		1/4	215,219	1/4	200,139	1/4	184,970	1/4	169,795	1/4	154,620	1/4	139,444	1/4	124,269	1/4	109,094	1/4	93,913
1/2		1/2	214,907	1/2	199,824	1/2	184,654	1/2	169,479	1/2	154,303	1/2	139,128	1/2	123,953	1/2	108,777	1/2	93,597
3/4		3/4	214,595	3/4	199,509	3/4	184,338	3/4	169,162	3/4	153,987	3/4	138,812	3/4	123,637	3/4	108,461	3/4	93,280
7		7	214,283	7	199,194	7	184,022	7	168,846	7	153,671	7	138,496	7	123,321	7	108,145	7	92,964
1/4		1/4	213,970	1/4	198,879	1/4	183,705	1/4	168,530	1/4	153,355	1/4	138,180	1/4	123,005	1/4	107,829	1/4	92,648
1/2		1/2	213,658	1/2	198,564	1/2	183,389	1/2	168,214	1/2	153,039	1/2	137,864	1/2	122,688	1/2	107,512	1/2	92,332
3/4		3/4	213,346	3/4	198,248	3/4	183,073	3/4	167,898	3/4	152,723	3/4	137,547	3/4	122,372	3/4	107,196	3/4	92,015
8		8	213,034	8	197,932	8	182,757	8	167,582	8	152,407	8	137,231	8	122,056	8	106,880	8	91,699
1/4		1/4	212,722	1/4	197,616	1/4	182,441	1/4	167,266	1/4	152,090	1/4	136,915	1/4	121,740	1/4	106,564	1/4	91,383
1/2		1/2	212,410	1/2	197,300	1/2	182,125	1/2	166,949	1/2	151,774	1/2	136,599	1/2	121,424	1/2	106,247	1/2	91,066
3/4		3/4	212,098	3/4	196,984	3/4	181,808	3/4	166,633	3/4	151,458	3/4	136,283	3/4	121,108	3/4	105,931	3/4	90,750
9		9	211,786	9	196,667	9	181,492	9	166,317	9	151,142	9	135,967	9	120,792	9	105,615	9	90,434
1/4		1/4	211,474	1/4	196,351	1/4	181,176	1/4	166,001	1/4	150,826	1/4	135,651	1/4	120,475	1/4	105,298	1/4	90,118
1/2		1/2	211,162	1/2	196,035	1/2	180,860	1/2	165,685	1/2	150,510	1/2	135,334	1/2	120,159	1/2	104,982	1/2	89,801
3/4		3/4	210,847	3/4	195,719	3/4	180,544	3/4	165,369	3/4	150,193	3/4	135,018	3/4	119,843	3/4	104,666	3/4	89,485
10		10	210,532	10	195,403	10	180,228	10	165,053	10	149,877	10	134,702	10	119,527	10	104,350	10	89,169
1/4		1/4	210,217	1/4	195,087	1/4	179,912	1/4	164,736	1/4	149,561	1/4	134,386	1/4	119,211	1/4	104,033	1/4	88,853
1/2		1/2	209,902	1/2	194,771	1/2	179,595	1/2	164,420	1/2	149,245	1/2	134,070	1/2	118,895	1/2	103,717	1/2	88,536
3/4		3/4	209,587	3/4	194,454	3/4	179,279	3/4	164,104	3/4	148,929	3/4	133,754	3/4	118,578	3/4	103,401	3/4	88,220
11		11	209,272	11	194,138	11	178,963	11	163,788	11	148,613	11	133,438	11	118,262	11	103,085	11	87,904
1/4		1/4	208,957	1/4	193,822	1/4	178,647	1/4	163,472	1/4	148,297	1/4	133,121	1/4	117,946	1/4	102,768	1/4	87,588
1/2		1/2	208,642	1/2	193,506	1/2	178,331	1/2	163,156	1/2	147,980	1/2	132,805	1/2	117,630	1/2	102,452	1/2	87,271
3/4		3/4	208,327	3/4	193,190	3/4	178,015	3/4	162,839	3/4	147,664	3/4	132,489	3/4	117,314	3/4	102,136	3/4	86,955

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

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BARGE "CBC 382"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,639	0	71,458	0	56,277	0	41,114	0	25,937	0	10,757	0		0		0		0	
1/4	86,322	1/4	71,142	1/4	55,961	1/4	40,798	1/4	25,621	1/4	10,440	1/4		1/4		1/4		1/4	
1/2	86,006	1/2	70,825	1/2	55,645	1/2	40,482	1/2	25,304	1/2	10,124	1/2		1/2		1/2		1/2	
3/4	85,690	3/4	70,509	3/4	55,328	3/4	40,167	3/4	24,988	3/4	9,808	3/4		3/4		3/4		3/4	
1	85,374	1	70,193	1	55,012	1	39,851	1	24,672	1	9,492	1		1		1		1	
1/4	85,057	1/4	69,877	1/4	54,696	1/4	39,535	1/4	24,355	1/4	9,175	1/4		1/4		1/4		1/4	
1/2	84,741	1/2	69,560	1/2	54,380	1/2	39,219	1/2	24,039	1/2	8,859	1/2		1/2		1/2		1/2	
3/4	84,425	3/4	69,244	3/4	54,063	3/4	38,903	3/4	23,723	3/4	8,543	3/4		3/4		3/4		3/4	
2	84,109	2	68,928	2	53,747	2	38,587	2	23,407	2	8,227	2		2		2		2	
1/4	83,792	1/4	68,612	1/4	53,431	1/4	38,271	1/4	23,090	1/4	7,910	1/4		1/4		1/4		1/4	
1/2	83,476	1/2	68,295	1/2	53,115	1/2	37,954	1/2	22,774	1/2	7,594	1/2		1/2		1/2		1/2	
3/4	83,160	3/4	67,979	3/4	52,798	3/4	37,638	3/4	22,458	3/4	7,278	3/4		3/4		3/4		3/4	
3	82,844	3	67,663	3	52,482	3	37,322	3	22,142	3	6,962	3		3		3		3	
1/4	82,527	1/4	67,346	1/4	52,166	1/4	37,006	1/4	21,825	1/4	6,645	1/4		1/4		1/4		1/4	
1/2	82,211	1/2	67,030	1/2	51,849	1/2	36,689	1/2	21,509	1/2	6,329	1/2		1/2		1/2		1/2	
3/4	81,895	3/4	66,714	3/4	51,534	3/4	36,373	3/4	21,193	3/4	6,013	3/4		3/4		3/4		3/4	
4	81,578	4	66,398	4	51,218	4	36,057	4	20,877	4	5,698	4		4		4		4	
1/4	81,262	1/4	66,081	1/4	50,902	1/4	35,741	1/4	20,560	1/4	5,382	1/4		1/4		1/4		1/4	
1/2	80,946	1/2	65,765	1/2	50,586	1/2	35,424	1/2	20,244	1/2	5,066	1/2		1/2		1/2		1/2	
3/4	80,630	3/4	65,449	3/4	50,271	3/4	35,108	3/4	19,928	3/4	4,751	3/4		3/4		3/4		3/4	
5	80,313	5	65,133	5	49,955	5	34,792	5	19,612	5	4,436	5		5		5		5	
1/4	79,997	1/4	64,816	1/4	49,639	1/4	34,476	1/4	19,295	1/4	4,122	1/4		1/4		1/4		1/4	
1/2	79,681	1/2	64,500	1/2	49,323	1/2	34,159	1/2	18,979	1/2	3,807	1/2		1/2		1/2		1/2	
3/4	79,365	3/4	64,184	3/4	49,008	3/4	33,843	3/4	18,663	3/4	3,517	3/4		3/4		3/4		3/4	
6	79,048	6	63,868	6	48,692	6	33,527	6	18,347	6	3,227	6		6		6		6	
1/4	78,732	1/4	63,551	1/4	48,376	1/4	33,211	1/4	18,030	1/4	2,938	1/4		1/4		1/4		1/4	
1/2	78,416	1/2	63,235	1/2	48,060	1/2	32,894	1/2	17,714	1/2	2,648	1/2		1/2		1/2		1/2	
3/4	78,100	3/4	62,919	3/4	47,745	3/4	32,578	3/4	17,398	3/4	2,411	3/4		3/4		3/4		3/4	
7	77,783	7	62,603	7	47,429	7	32,262	7	17,082	7	2,173	7		7		7		7	
1/4	77,467	1/4	62,286	1/4	47,113	1/4	31,946	1/4	16,765	1/4	1,936	1/4		1/4		1/4		1/4	
1/2	77,151	1/2	61,970	1/2	46,797	1/2	31,629	1/2	16,449	1/2	1,699	1/2		1/2		1/2		1/2	
3/4	76,834	3/4	61,654	3/4	46,482	3/4	31,313	3/4	16,133	3/4	1,515	3/4		3/4		3/4		3/4	
8	76,518	8	61,337	8	46,166	8	30,997	8	15,817	8	1,330	8		8		8		8	
1/4	76,202	1/4	61,021	1/4	45,850	1/4	30,681	1/4	15,500	1/4	1,146	1/4		1/4		1/4		1/4	
1/2	75,886	1/2	60,705	1/2	45,534	1/2	30,364	1/2	15,184	1/2	961	1/2		1/2		1/2		1/2	
3/4	75,569	3/4	60,389	3/4	45,219	3/4	30,048	3/4	14,868	3/4		3/4		3/4		3/4		3/4	
9	75,253	9	60,072	9	44,903	9	29,732	9	14,552	9		9		9		9		9	
1/4	74,937	1/4	59,756	1/4	44,587	1/4	29,416	1/4	14,235	1/4		1/4		1/4		1/4		1/4	
1/2	74,621	1/2	59,440	1/2	44,271	1/2	29,099	1/2	13,919	1/2		1/2		1/2		1/2		1/2	
3/4	74,304	3/4	59,124	3/4	43,956	3/4	28,783	3/4	13,603	3/4		3/4		3/4		3/4		3/4	
10	73,988	10	58,807	10	43,640	10	28,467	10	13,287	10		10		10		10		10	
1/4	73,672	1/4	58,491	1/4	43,324	1/4	28,151	1/4	12,970	1/4		1/4		1/4		1/4		1/4	
1/2	73,356	1/2	58,175	1/2	43,008	1/2	27,834	1/2	12,654	1/2		1/2		1/2		1/2		1/2	
3/4	73,039	3/4	57,859	3/4	42,693	3/4	27,518	3/4	12,338	3/4		3/4		3/4		3/4		3/4	
11	72,723	11	57,542	11	42,377	11	27,202	11	12,022	11		11		11		11		11	
1/4	72,407	1/4	57,226	1/4	42,061	1/4	26,886	1/4	11,705	1/4		1/4		1/4		1/4		1/4	
1/2	72,090	1/2	56,910	1/2	41,745	1/2	26,569	1/2	11,389	1/2		1/2		1/2		1/2		1/2	
3/4	71,774	3/4	56,593	3/4	41,430	3/4	26,253	3/4	11,073	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 382"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	207,585	0	192,453	0	177,283	0	162,114	0	146,944	0	131,774	0	116,605	0	101,432
1/4		1/4		1/4	207,270	1/4	192,137	1/4	176,967	1/4	161,798	1/4	146,628	1/4	131,458	1/4	116,289	1/4	101,116
1/2		1/2		1/2	206,955	1/2	191,821	1/2	176,651	1/2	161,482	1/2	146,312	1/2	131,142	1/2	115,972	1/2	100,800
3/4		3/4		3/4	220,696	3/4	206,641	3/4	191,505	3/4	176,335	3/4	145,996	3/4	130,826	3/4	115,656	3/4	100,483
1		1		1	220,514	1	206,326	1	191,189	1	176,019	1	145,680	1	130,510	1	115,340	1	100,167
1/4		1/4		1/4	220,333	1/4	206,011	1/4	190,873	1/4	175,703	1/4	145,364	1/4	130,194	1/4	115,024	1/4	99,851
1/2		1/2		1/2	220,152	1/2	205,696	1/2	190,557	1/2	175,387	1/2	145,048	1/2	129,878	1/2	114,708	1/2	99,535
3/4		3/4		3/4	219,970	3/4	205,381	3/4	190,241	3/4	175,071	3/4	144,732	3/4	129,562	3/4	114,392	3/4	99,219
2		2		2	219,738	2	205,067	2	189,925	2	174,755	2	144,416	2	129,246	2	114,076	2	98,903
1/4		1/4		1/4	219,505	1/4	204,752	1/4	189,609	1/4	174,439	1/4	144,100	1/4	128,930	1/4	113,760	1/4	98,587
1/2		1/2		1/2	219,272	1/2	204,437	1/2	189,293	1/2	174,123	1/2	143,784	1/2	128,614	1/2	113,444	1/2	98,270
3/4		3/4		3/4	219,039	3/4	204,122	3/4	188,977	3/4	173,807	3/4	143,468	3/4	128,298	3/4	113,128	3/4	97,954
3		3		3	218,754	3	203,807	3	188,661	3	173,491	3	143,152	3	127,982	3	112,812	3	97,638
1/4		1/4		1/4	218,468	1/4	203,492	1/4	188,345	1/4	173,175	1/4	142,836	1/4	127,666	1/4	112,496	1/4	97,322
1/2		1/2		1/2	218,183	1/2	203,178	1/2	188,029	1/2	172,859	1/2	142,519	1/2	127,350	1/2	112,180	1/2	97,006
3/4		3/4		3/4	217,897	3/4	202,863	3/4	187,713	3/4	172,543	3/4	142,203	3/4	127,034	3/4	111,864	3/4	96,690
4		4		4	217,587	4	202,548	4	187,397	4	172,227	4	141,887	4	126,718	4	111,548	4	96,373
1/4		1/4		1/4	217,276	1/4	202,233	1/4	187,081	1/4	171,911	1/4	141,571	1/4	126,402	1/4	111,232	1/4	96,057
1/2		1/2		1/2	216,966	1/2	201,918	1/2	186,764	1/2	171,595	1/2	141,255	1/2	126,086	1/2	110,916	1/2	95,741
3/4		3/4		3/4	216,655	3/4	201,604	3/4	186,448	3/4	171,279	3/4	140,939	3/4	125,770	3/4	110,600	3/4	95,425
5		5		5	216,344	5	201,289	5	186,132	5	170,963	5	140,623	5	125,454	5	110,284	5	95,109
1/4		1/4		1/4	216,032	1/4	200,974	1/4	185,816	1/4	170,647	1/4	140,307	1/4	125,138	1/4	109,968	1/4	94,793
1/2		1/2		1/2	215,721	1/2	200,659	1/2	185,500	1/2	170,331	1/2	139,991	1/2	124,821	1/2	109,652	1/2	94,477
3/4		3/4		3/4	215,410	3/4	200,344	3/4	185,184	3/4	170,015	3/4	139,675	3/4	124,505	3/4	109,336	3/4	94,160
6		6		6	215,098	6	200,029	6	184,868	6	169,699	6	139,359	6	124,189	6	109,020	6	93,844
1/4		1/4		1/4	214,786	1/4	199,715	1/4	184,552	1/4	169,383	1/4	139,043	1/4	123,873	1/4	108,703	1/4	93,528
1/2		1/2		1/2	214,474	1/2	199,400	1/2	184,236	1/2	169,066	1/2	138,727	1/2	123,557	1/2	108,387	1/2	93,212
3/4		3/4		3/4	214,162	3/4	199,085	3/4	183,920	3/4	168,750	3/4	138,411	3/4	123,241	3/4	108,071	3/4	92,896
7		7		7	213,850	7	198,770	7	183,604	7	168,434	7	138,095	7	122,925	7	107,755	7	92,580
1/4		1/4		1/4	213,538	1/4	198,455	1/4	183,288	1/4	168,118	1/4	137,779	1/4	122,609	1/4	107,439	1/4	92,264
1/2		1/2		1/2	213,226	1/2	198,141	1/2	182,972	1/2	167,802	1/2	137,463	1/2	122,293	1/2	107,123	1/2	91,947
3/4		3/4		3/4	212,914	3/4	197,826	3/4	182,656	3/4	167,486	3/4	137,147	3/4	121,977	3/4	106,807	3/4	91,631
8		8		8	212,603	8	197,510	8	182,340	8	167,170	8	136,831	8	121,661	8	106,490	8	91,315
1/4		1/4		1/4	212,291	1/4	197,194	1/4	182,024	1/4	166,854	1/4	136,515	1/4	121,345	1/4	106,174	1/4	90,999
1/2		1/2		1/2	211,979	1/2	196,878	1/2	181,708	1/2	166,538	1/2	136,199	1/2	121,029	1/2	105,858	1/2	90,683
3/4		3/4		3/4	211,667	3/4	196,562	3/4	181,392	3/4	166,222	3/4	135,883	3/4	120,713	3/4	105,542	3/4	90,367
9		9		9	211,355	9	196,246	9	181,076	9	165,906	9	135,567	9	120,397	9	105,226	9	90,050
1/4		1/4		1/4	211,043	1/4	195,930	1/4	180,760	1/4	165,590	1/4	135,251	1/4	120,081	1/4	104,910	1/4	89,734
1/2		1/2		1/2	210,731	1/2	195,613	1/2	180,444	1/2	165,274	1/2	134,935	1/2	119,765	1/2	104,593	1/2	89,418
3/4		3/4		3/4	210,419	3/4	195,297	3/4	180,128	3/4	164,958	3/4	134,619	3/4	119,449	3/4	104,277	3/4	89,102
10		10		10	210,104	10	194,981	10	179,812	10	164,642	10	149,472	10	134,303	10	103,961	10	88,786
1/4		1/4		1/4	209,789	1/4	194,665	1/4	179,496	1/4	164,326	1/4	149,156	1/4	118,817	1/4	103,645	1/4	88,470
1/2		1/2		1/2	209,474	1/2	194,349	1/2	179,180	1/2	164,010	1/2	148,840	1/2	118,501	1/2	103,329	1/2	88,154
3/4		3/4		3/4	209,160	3/4	194,033	3/4	178,864	3/4	163,694	3/4	148,524	3/4	118,185	3/4	103,013	3/4	87,837
11		11		11	208,845	11	193,717	11	178,548	11	163,378	11	148,208	11	117,869	11	102,697	11	87,521
1/4		1/4		1/4	208,530	1/4	193,401	1/4	178,232	1/4	163,062	1/4	147,892	1/4	117,553	1/4	102,380	1/4	87,205
1/2		1/2		1/2	208,215	1/2	193,085	1/2	177,915	1/2	162,746	1/2	147,576	1/2	117,237	1/2	102,064	1/2	86,889
3/4		3/4		3/4	207,900	3/4	192,769	3/4	177,599	3/4	162,430	3/4	147,260	3/4	116,921	3/4	101,748	3/4	86,573

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 382"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

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	86,257	0	71,081	0	55,906	0	41,262	0	26,244	0	11,069	0		0		0		0	
1/4	85,940	1/4	70,765	1/4	55,590	1/4	40,960	1/4	25,927	1/4	10,753	1/4		1/4		1/4		1/4	
1/2	85,624	1/2	70,449	1/2	55,274	1/2	40,658	1/2	25,611	1/2	10,437	1/2		1/2		1/2		1/2	
3/4	85,308	3/4	70,133	3/4	54,958	3/4	40,357	3/4	25,295	3/4	10,120	3/4		3/4		3/4		3/4	
1	84,992	1	69,817	1	54,641	1	40,055	1	24,979	1	9,804	1		1		1		1	
1/4	84,676	1/4	69,501	1/4	54,325	1/4	39,753	1/4	24,663	1/4	9,488	1/4		1/4		1/4		1/4	
1/2	84,360	1/2	69,184	1/2	54,009	1/2	39,451	1/2	24,347	1/2	9,172	1/2		1/2		1/2		1/2	
3/4	84,044	3/4	68,868	3/4	53,693	3/4	39,150	3/4	24,031	3/4	8,856	3/4		3/4		3/4		3/4	
2	83,727	2	68,552	2	53,377	2	38,847	2	23,714	2	8,540	2		2		2		2	
1/4	83,411	1/4	68,236	1/4	53,061	1/4	38,545	1/4	23,398	1/4	8,224	1/4		1/4		1/4		1/4	
1/2	83,095	1/2	67,920	1/2	52,744	1/2	38,243	1/2	23,082	1/2	7,907	1/2		1/2		1/2		1/2	
3/4	82,779	3/4	67,604	3/4	52,428	3/4	37,941	3/4	22,766	3/4	7,591	3/4		3/4		3/4		3/4	
3	82,463	3	67,287	3	52,126	3	37,625	3	22,450	3	7,275	3		3		3		3	
1/4	82,147	1/4	66,971	1/4	51,824	1/4	37,308	1/4	22,134	1/4	6,959	1/4		1/4		1/4		1/4	
1/2	81,830	1/2	66,655	1/2	51,522	1/2	36,992	1/2	21,818	1/2	6,643	1/2		1/2		1/2		1/2	
3/4	81,514	3/4	66,339	3/4	51,219	3/4	36,676	3/4	21,501	3/4	6,327	3/4		3/4		3/4		3/4	
4	81,198	4	66,023	4	50,918	4	36,360	4	21,185	4	6,011	4		4		4		4	
1/4	80,882	1/4	65,707	1/4	50,616	1/4	36,044	1/4	20,869	1/4	5,696	1/4		1/4		1/4		1/4	
1/2	80,566	1/2	65,391	1/2	50,314	1/2	35,728	1/2	20,553	1/2	5,380	1/2		1/2		1/2		1/2	
3/4	80,250	3/4	65,074	3/4	50,012	3/4	35,412	3/4	20,237	3/4	5,064	3/4		3/4		3/4		3/4	
5	79,934	5	64,758	5	49,711	5	35,095	5	19,921	5	4,749	5		5		5		5	
1/4	79,617	1/4	64,442	1/4	49,409	1/4	34,779	1/4	19,605	1/4	4,435	1/4		1/4		1/4		1/4	
1/2	79,301	1/2	64,126	1/2	49,107	1/2	34,463	1/2	19,288	1/2	4,120	1/2		1/2		1/2		1/2	
3/4	78,985	3/4	63,810	3/4	48,805	3/4	34,147	3/4	18,972	3/4	3,806	3/4		3/4		3/4		3/4	
6	78,669	6	63,494	6	48,504	6	33,831	6	18,656	6	3,516	6		6		6		6	
1/4	78,353	1/4	63,177	1/4	48,202	1/4	33,515	1/4	18,340	1/4	3,226	1/4		1/4		1/4		1/4	
1/2	78,037	1/2	62,861	1/2	47,900	1/2	33,199	1/2	18,024	1/2	2,936	1/2		1/2		1/2		1/2	
3/4	77,720	3/4	62,545	3/4	47,598	3/4	32,882	3/4	17,708	3/4	2,647	3/4		3/4		3/4		3/4	
7	77,404	7	62,229	7	47,297	7	32,566	7	17,392	7	2,410	7		7		7		7	
1/4	77,088	1/4	61,913	1/4	46,995	1/4	32,250	1/4	17,075	1/4	2,173	1/4		1/4		1/4		1/4	
1/2	76,772	1/2	61,597	1/2	46,693	1/2	31,934	1/2	16,759	1/2	1,936	1/2		1/2		1/2		1/2	
3/4	76,456	3/4	61,281	3/4	46,391	3/4	31,618	3/4	16,443	3/4	1,698	3/4		3/4		3/4		3/4	
8	76,140	8	60,964	8	46,090	8	31,302	8	16,127	8	1,514	8		8		8		8	
1/4	75,824	1/4	60,648	1/4	45,788	1/4	30,986	1/4	15,811	1/4	1,330	1/4		1/4		1/4		1/4	
1/2	75,507	1/2	60,332	1/2	45,486	1/2	30,669	1/2	15,495	1/2	1,145	1/2		1/2		1/2		1/2	
3/4	75,191	3/4	60,016	3/4	45,184	3/4	30,353	3/4	15,179	3/4	961	3/4		3/4		3/4		3/4	
9	74,875	9	59,700	9	44,883	9	30,037	9	14,863	9		9		9		9		9	
1/4	74,559	1/4	59,384	1/4	44,581	1/4	29,721	1/4	14,546	1/4		1/4		1/4		1/4		1/4	
1/2	74,243	1/2	59,068	1/2	44,279	1/2	29,405	1/2	14,230	1/2		1/2		1/2		1/2		1/2	
3/4	73,927	3/4	58,751	3/4	43,978	3/4	29,089	3/4	13,914	3/4		3/4		3/4		3/4		3/4	
10	73,611	10	58,435	10	43,676	10	28,773	10	13,598	10		10		10		10		10	
1/4	73,294	1/4	58,119	1/4	43,374	1/4	28,457	1/4	13,282	1/4		1/4		1/4		1/4		1/4	
1/2	72,978	1/2	57,803	1/2	43,072	1/2	28,140	1/2	12,966	1/2		1/2		1/2		1/2		1/2	
3/4	72,662	3/4	57,487	3/4	42,771	3/4	27,824	3/4	12,650	3/4		3/4		3/4		3/4		3/4	
11	72,346	11	57,171	11	42,469	11	27,508	11	12,333	11		11		11		11		11	
1/4	72,030	1/4	56,854	1/4	42,167	1/4	27,192	1/4	12,017	1/4		1/4		1/4		1/4		1/4	
1/2	71,714	1/2	56,538	1/2	41,865	1/2	26,876	1/2	11,701	1/2		1/2		1/2		1/2		1/2	
3/4	71,397	3/4	56,222	3/4	41,564	3/4	26,560	3/4	11,385	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 382"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	179,414	0	171,303	0	163,174	0	155,044	0	146,627	0	131,593	0	116,507	0	101,395
1/4		1/4		1/4	179,245	1/4	171,134	1/4	163,004	1/4	154,875	1/4	146,313	1/4	131,279	1/4	116,192	1/4	101,080
1/2		1/2	186,168	1/2	179,076	1/2	170,964	1/2	162,835	1/2	154,706	1/2	146,000	1/2	130,965	1/2	115,877	1/2	100,765
3/4		3/4	186,131	3/4	178,908	3/4	170,795	3/4	162,665	3/4	154,536	3/4	145,686	3/4	130,651	3/4	115,562	3/4	100,450
1		1	186,095	1	178,739	1	170,625	1	162,496	1	154,367	1	145,373	1	130,336	1	115,248	1	100,135
1/4		1/4	186,058	1/4	178,570	1/4	170,456	1/4	162,327	1/4	154,197	1/4	145,059	1/4	130,022	1/4	114,933	1/4	99,820
1/2		1/2	186,022	1/2	178,401	1/2	170,287	1/2	162,157	1/2	154,028	1/2	144,746	1/2	129,708	1/2	114,618	1/2	99,505
3/4		3/4	185,933	3/4	178,233	3/4	170,117	3/4	161,988	3/4	153,859	3/4	144,432	3/4	129,393	3/4	114,303	3/4	99,190
2		2	185,845	2	178,064	2	169,948	2	161,819	2	153,689	2	144,119	2	129,079	2	113,988	2	98,876
1/4		1/4	185,756	1/4	177,895	1/4	169,779	1/4	161,649	1/4	153,520	1/4	143,805	1/4	128,765	1/4	113,674	1/4	98,561
1/2		1/2	185,668	1/2	177,726	1/2	169,609	1/2	161,480	1/2	153,351	1/2	143,492	1/2	128,451	1/2	113,359	1/2	98,246
3/4		3/4	185,527	3/4	177,558	3/4	169,440	3/4	161,311	3/4	153,181	3/4	143,178	3/4	128,136	3/4	113,044	3/4	97,931
3		3	185,386	3	177,389	3	169,271	3	161,141	3	153,012	3	142,865	3	127,822	3	112,729	3	97,616
1/4		1/4	185,245	1/4	177,220	1/4	169,101	1/4	160,972	1/4	152,843	1/4	142,551	1/4	127,508	1/4	112,414	1/4	97,301
1/2		1/2	185,105	1/2	177,051	1/2	168,932	1/2	160,803	1/2	152,673	1/2	142,238	1/2	127,194	1/2	112,100	1/2	96,986
3/4		3/4	184,939	3/4	176,883	3/4	168,762	3/4	160,633	3/4	152,504	3/4	141,924	3/4	126,879	3/4	111,785	3/4	96,672
4		4	184,773	4	176,714	4	168,593	4	160,464	4	152,334	4	141,611	4	126,565	4	111,470	4	96,357
1/4		1/4	184,608	1/4	176,545	1/4	168,424	1/4	160,294	1/4	152,165	1/4	141,297	1/4	126,251	1/4	111,155	1/4	96,042
1/2		1/2	184,442	1/2	176,376	1/2	168,254	1/2	160,125	1/2	151,996	1/2	140,984	1/2	125,936	1/2	110,840	1/2	95,727
3/4		3/4	184,275	3/4	176,208	3/4	168,085	3/4	159,956	3/4	151,826	3/4	140,670	3/4	125,622	3/4	110,526	3/4	95,412
5		5	184,109	5	176,039	5	167,916	5	159,786	5	151,657	5	140,357	5	125,308	5	110,211	5	95,097
1/4		1/4	183,942	1/4	175,870	1/4	167,746	1/4	159,617	1/4	151,488	1/4	140,043	1/4	124,994	1/4	109,896	1/4	94,782
1/2		1/2	183,775	1/2	175,701	1/2	167,577	1/2	159,448	1/2	151,318	1/2	139,730	1/2	124,679	1/2	109,581	1/2	94,467
3/4		3/4	183,608	3/4	175,533	3/4	167,408	3/4	159,278	3/4	151,149	3/4	139,417	3/4	124,365	3/4	109,266	3/4	94,153
6		6	183,441	6	175,364	6	167,238	6	159,109	6	150,980	6	139,104	6	124,051	6	108,951	6	93,838
1/4		1/4	183,274	1/4	175,195	1/4	167,069	1/4	158,940	1/4	150,810	1/4	138,791	1/4	123,737	1/4	108,636	1/4	93,523
1/2		1/2	183,107	1/2	175,026	1/2	166,900	1/2	158,770	1/2	150,641	1/2	138,479	1/2	123,422	1/2	108,322	1/2	93,208
3/4		3/4	182,940	3/4	174,858	3/4	166,730	3/4	158,601	3/4	150,472	3/4	138,166	3/4	123,108	3/4	108,007	3/4	92,893
7		7	182,773	7	174,689	7	166,561	7	158,431	7	150,302	7	137,853	7	122,794	7	107,692	7	92,578
1/4		1/4	182,606	1/4	174,520	1/4	166,391	1/4	158,262	1/4	150,133	1/4	137,540	1/4	122,479	1/4	107,377	1/4	92,263
1/2		1/2	182,438	1/2	174,351	1/2	166,222	1/2	158,093	1/2	149,963	1/2	137,227	1/2	122,165	1/2	107,062	1/2	91,949
3/4		3/4	182,271	3/4	174,182	3/4	166,053	3/4	157,923	3/4	149,794	3/4	136,914	3/4	121,851	3/4	106,747	3/4	91,634
8		8	182,104	8	174,013	8	165,883	8	157,754	8	149,625	8	136,602	8	121,537	8	106,432	8	91,319
1/4		1/4	181,937	1/4	173,843	1/4	165,714	1/4	157,585	1/4	149,455	1/4	136,289	1/4	121,222	1/4	106,118	1/4	91,004
1/2		1/2	181,770	1/2	173,674	1/2	165,545	1/2	157,415	1/2	149,286	1/2	135,976	1/2	120,908	1/2	105,803	1/2	90,689
3/4		3/4	181,603	3/4	173,505	3/4	165,375	3/4	157,246	3/4	149,117	3/4	135,663	3/4	120,594	3/4	105,488	3/4	90,374
9		9	181,436	9	173,335	9	165,206	9	157,077	9	148,947	9	135,350	9	120,280	9	105,173	9	90,059
1/4		1/4	181,268	1/4	173,166	1/4	165,037	1/4	156,907	1/4	148,778	1/4	135,037	1/4	119,965	1/4	104,858	1/4	89,744
1/2		1/2	181,101	1/2	172,996	1/2	164,867	1/2	156,738	1/2	148,609	1/2	134,725	1/2	119,651	1/2	104,543	1/2	89,430
3/4		3/4	180,933	3/4	172,827	3/4	164,698	3/4	156,569	3/4	148,439	3/4	134,412	3/4	119,337	3/4	104,228	3/4	89,115
10		10	180,764	10	172,658	10	164,528	10	156,399	10	148,270	10	134,099	10	119,022	10	103,913	10	88,800
1/4		1/4	180,595	1/4	172,488	1/4	164,359	1/4	156,230	1/4	148,100	1/4	133,786	1/4	118,708	1/4	103,599	1/4	88,485
1/2		1/2	180,426	1/2	172,319	1/2	164,190	1/2	156,060	1/2	147,931	1/2	133,473	1/2	118,394	1/2	103,284	1/2	88,170
3/4		3/4	180,258	3/4	172,150	3/4	164,020	3/4	155,891	3/4	147,762	3/4	133,160	3/4	118,080	3/4	102,969	3/4	87,855
11		11	180,089	11	171,980	11	163,851	11	155,722	11	147,592	11	132,848	11	117,765	11	102,654	11	87,540
1/4		1/4	179,920	1/4	171,811	1/4	163,682	1/4	155,552	1/4	147,423	1/4	132,535	1/4	117,451	1/4	102,339	1/4	87,226
1/2		1/2	179,751	1/2	171,642	1/2	163,512	1/2	155,383	1/2	147,254	1/2	132,222	1/2	117,137	1/2	102,024	1/2	86,911
3/4		3/4	179,583	3/4	171,472	3/4	163,343	3/4	155,214	3/4	146,940	3/4	131,908	3/4	116,822	3/4	101,709	3/4	86,596

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 382"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,281	0	71,164	0	56,047	0	40,942	0	25,828	0	10,712	0		0		0		0	
1/4	85,966	1/4	70,849	1/4	55,732	1/4	40,627	1/4	25,513	1/4	10,397	1/4		1/4		1/4		1/4	
1/2	85,651	1/2	70,534	1/2	55,417	1/2	40,313	1/2	25,199	1/2	10,082	1/2		1/2		1/2		1/2	
3/4	85,336	3/4	70,219	3/4	55,102	3/4	39,998	3/4	24,884	3/4	9,767	3/4		3/4		3/4		3/4	
1	85,021	1	69,904	1	54,787	1	39,683	1	24,569	1	9,452	1		1		1		1	
1/4	84,706	1/4	69,589	1/4	54,472	1/4	39,369	1/4	24,254	1/4	9,137	1/4		1/4		1/4		1/4	
1/2	84,391	1/2	69,274	1/2	54,157	1/2	39,054	1/2	23,939	1/2	8,822	1/2		1/2		1/2		1/2	
3/4	84,076	3/4	68,959	3/4	53,842	3/4	38,740	3/4	23,624	3/4	8,507	3/4		3/4		3/4		3/4	
2	83,762	2	68,644	2	53,527	2	38,425	2	23,309	2	8,192	2		2		2		2	
1/4	83,447	1/4	68,329	1/4	53,212	1/4	38,110	1/4	22,994	1/4	7,877	1/4		1/4		1/4		1/4	
1/2	83,132	1/2	68,014	1/2	52,897	1/2	37,796	1/2	22,679	1/2	7,562	1/2		1/2		1/2		1/2	
3/4	82,817	3/4	67,699	3/4	52,582	3/4	37,481	3/4	22,364	3/4	7,248	3/4		3/4		3/4		3/4	
3	82,502	3	67,384	3	52,267	3	37,166	3	22,049	3	6,933	3		3		3		3	
1/4	82,187	1/4	67,070	1/4	51,952	1/4	36,851	1/4	21,734	1/4	6,618	1/4		1/4		1/4		1/4	
1/2	81,872	1/2	66,755	1/2	51,637	1/2	36,536	1/2	21,419	1/2	6,303	1/2		1/2		1/2		1/2	
3/4	81,557	3/4	66,440	3/4	51,322	3/4	36,221	3/4	21,104	3/4	5,988	3/4		3/4		3/4		3/4	
4	81,242	4	66,125	4	51,008	4	35,906	4	20,790	4	5,674	4		4		4		4	
1/4	80,927	1/4	65,810	1/4	50,693	1/4	35,591	1/4	20,475	1/4	5,359	1/4		1/4		1/4		1/4	
1/2	80,612	1/2	65,495	1/2	50,378	1/2	35,276	1/2	20,160	1/2	5,045	1/2		1/2		1/2		1/2	
3/4	80,297	3/4	65,180	3/4	50,063	3/4	34,961	3/4	19,845	3/4	4,731	3/4		3/4		3/4		3/4	
5	79,982	5	64,865	5	49,749	5	34,646	5	19,530	5	4,418	5		5		5		5	
1/4	79,667	1/4	64,550	1/4	49,434	1/4	34,332	1/4	19,215	1/4	4,105	1/4		1/4		1/4		1/4	
1/2	79,352	1/2	64,235	1/2	49,120	1/2	34,017	1/2	18,900	1/2	3,791	1/2		1/2		1/2		1/2	
3/4	79,037	3/4	63,920	3/4	48,805	3/4	33,702	3/4	18,585	3/4	3,503	3/4		3/4		3/4		3/4	
6	78,722	6	63,605	6	48,491	6	33,387	6	18,270	6	3,214	6		6		6		6	
1/4	78,407	1/4	63,290	1/4	48,176	1/4	33,072	1/4	17,955	1/4	2,925	1/4		1/4		1/4		1/4	
1/2	78,093	1/2	62,975	1/2	47,862	1/2	32,757	1/2	17,640	1/2	2,637	1/2		1/2		1/2		1/2	
3/4	77,778	3/4	62,660	3/4	47,547	3/4	32,442	3/4	17,325	3/4	2,401	3/4		3/4		3/4		3/4	
7	77,463	7	62,345	7	47,233	7	32,127	7	17,010	7	2,164	7		7		7		7	
1/4	77,148	1/4	62,030	1/4	46,918	1/4	31,812	1/4	16,695	1/4	1,928	1/4		1/4		1/4		1/4	
1/2	76,833	1/2	61,715	1/2	46,603	1/2	31,497	1/2	16,380	1/2	1,692	1/2		1/2		1/2		1/2	
3/4	76,518	3/4	61,401	3/4	46,289	3/4	31,182	3/4	16,066	3/4	1,508	3/4		3/4		3/4		3/4	
8	76,203	8	61,086	8	45,974	8	30,867	8	15,751	8	1,325	8		8		8		8	
1/4	75,888	1/4	60,771	1/4	45,660	1/4	30,552	1/4	15,436	1/4	1,141	1/4		1/4		1/4		1/4	
1/2	75,573	1/2	60,456	1/2	45,345	1/2	30,237	1/2	15,121	1/2	957	1/2		1/2		1/2		1/2	
3/4	75,258	3/4	60,141	3/4	45,031	3/4	29,922	3/4	14,806	3/4		3/4		3/4		3/4		3/4	
9	74,943	9	59,826	9	44,716	9	29,608	9	14,491	9		9		9		9		9	
1/4	74,628	1/4	59,511	1/4	44,402	1/4	29,293	1/4	14,176	1/4		1/4		1/4		1/4		1/4	
1/2	74,313	1/2	59,196	1/2	44,087	1/2	28,978	1/2	13,861	1/2		1/2		1/2		1/2		1/2	
3/4	73,998	3/4	58,881	3/4	43,773	3/4	28,663	3/4	13,546	3/4		3/4		3/4		3/4		3/4	
10	73,683	10	58,566	10	43,458	10	28,348	10	13,231	10		10		10		10		10	
1/4	73,368	1/4	58,251	1/4	43,143	1/4	28,033	1/4	12,916	1/4		1/4		1/4		1/4		1/4	
1/2	73,053	1/2	57,936	1/2	42,829	1/2	27,718	1/2	12,601	1/2		1/2		1/2		1/2		1/2	
3/4	72,739	3/4	57,621	3/4	42,514	3/4	27,403	3/4	12,286	3/4		3/4		3/4		3/4		3/4	
11	72,424	11	57,306	11	42,200	11	27,088	11	11,971	11		11		11		11		11	
1/4	72,109	1/4	56,991	1/4	41,885	1/4	26,773	1/4	11,657	1/4		1/4		1/4		1/4		1/4	
1/2	71,794	1/2	56,676	1/2	41,571	1/2	26,458	1/2	11,342	1/2		1/2		1/2		1/2		1/2	
3/4	71,479	3/4	56,361	3/4	41,256	3/4	26,143	3/4	11,027	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

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



BARGE "CBC 382"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	178,227	0	170,147	0	162,048	0	153,948	0	145,561	0	130,560	0	115,513	0	100,432
1/4		1/4		1/4	178,059	1/4	169,978	1/4	161,879	1/4	153,780	1/4	145,248	1/4	130,246	1/4	115,199	1/4	100,118
1/2		1/2	184,953	1/2	177,891	1/2	169,809	1/2	161,710	1/2	153,611	1/2	144,935	1/2	129,932	1/2	114,884	1/2	99,804
3/4		3/4	184,917	3/4	177,723	3/4	169,640	3/4	161,541	3/4	153,442	3/4	144,623	3/4	129,619	3/4	114,570	3/4	99,490
1		1	184,881	1	177,555	1	169,472	1	161,373	1	153,274	1	144,310	1	129,305	1	114,256	1	99,175
1/4		1/4	184,845	1/4	177,387	1/4	169,303	1/4	161,204	1/4	153,105	1/4	143,997	1/4	128,992	1/4	113,942	1/4	98,861
1/2		1/2	184,809	1/2	177,219	1/2	169,134	1/2	161,035	1/2	152,936	1/2	143,684	1/2	128,678	1/2	113,628	1/2	98,547
3/4		3/4	184,721	3/4	177,051	3/4	168,966	3/4	160,866	3/4	152,767	3/4	143,371	3/4	128,365	3/4	113,314	3/4	98,233
2		2	184,633	2	176,882	2	168,797	2	160,698	2	152,599	2	143,059	2	128,051	2	112,999	2	97,919
1/4		1/4	184,546	1/4	176,714	1/4	168,628	1/4	160,529	1/4	152,430	1/4	142,746	1/4	127,738	1/4	112,685	1/4	97,604
1/2		1/2	184,458	1/2	176,546	1/2	168,459	1/2	160,360	1/2	152,261	1/2	142,433	1/2	127,425	1/2	112,371	1/2	97,290
3/4		3/4	184,318	3/4	176,378	3/4	168,291	3/4	160,192	3/4	152,092	3/4	142,120	3/4	127,112	3/4	112,057	3/4	96,976
3		3	184,177	3	176,210	3	168,122	3	160,023	3	151,924	3	141,807	3	126,798	3	111,743	3	96,662
1/4		1/4	184,037	1/4	176,042	1/4	167,953	1/4	159,854	1/4	151,755	1/4	141,494	1/4	126,485	1/4	111,429	1/4	96,348
1/2		1/2	183,897	1/2	175,874	1/2	167,784	1/2	159,685	1/2	151,586	1/2	141,182	1/2	126,172	1/2	111,115	1/2	96,033
3/4		3/4	183,732	3/4	175,706	3/4	167,616	3/4	159,517	3/4	151,417	3/4	140,869	3/4	125,858	3/4	110,800	3/4	95,719
4		4	183,567	4	175,538	4	167,447	4	159,348	4	151,249	4	140,556	4	125,545	4	110,486	4	95,405
1/4		1/4	183,402	1/4	175,369	1/4	167,278	1/4	159,179	1/4	151,080	1/4	140,243	1/4	125,232	1/4	110,172	1/4	95,091
1/2		1/2	183,237	1/2	175,201	1/2	167,109	1/2	159,010	1/2	150,911	1/2	139,930	1/2	124,918	1/2	109,858	1/2	94,777
3/4		3/4	183,071	3/4	175,033	3/4	166,941	3/4	158,842	3/4	150,743	3/4	139,617	3/4	124,605	3/4	109,544	3/4	94,462
5		5	182,905	5	174,865	5	166,772	5	158,673	5	150,574	5	139,305	5	124,292	5	109,230	5	94,148
1/4		1/4	182,739	1/4	174,697	1/4	166,603	1/4	158,504	1/4	150,405	1/4	138,992	1/4	123,979	1/4	108,916	1/4	93,834
1/2		1/2	182,572	1/2	174,529	1/2	166,435	1/2	158,335	1/2	150,236	1/2	138,679	1/2	123,665	1/2	108,601	1/2	93,520
3/4		3/4	182,406	3/4	174,361	3/4	166,266	3/4	158,167	3/4	150,068	3/4	138,367	3/4	123,352	3/4	108,287	3/4	93,205
6		6	182,240	6	174,193	6	166,097	6	157,998	6	149,899	6	138,055	6	123,039	6	107,973	6	92,891
1/4		1/4	182,073	1/4	174,024	1/4	165,928	1/4	157,829	1/4	149,730	1/4	137,742	1/4	122,725	1/4	107,659	1/4	92,577
1/2		1/2	181,907	1/2	173,856	1/2	165,760	1/2	157,661	1/2	149,561	1/2	137,430	1/2	122,412	1/2	107,345	1/2	92,263
3/4		3/4	181,740	3/4	173,688	3/4	165,591	3/4	157,492	3/4	149,393	3/4	137,118	3/4	122,099	3/4	107,030	3/4	91,949
7		7	181,574	7	173,520	7	165,422	7	157,323	7	149,224	7	136,806	7	121,786	7	106,716	7	91,634
1/4		1/4	181,407	1/4	173,352	1/4	165,253	1/4	157,154	1/4	149,055	1/4	136,494	1/4	121,472	1/4	106,402	1/4	91,320
1/2		1/2	181,241	1/2	173,184	1/2	165,085	1/2	156,986	1/2	148,886	1/2	136,182	1/2	121,159	1/2	106,088	1/2	91,006
3/4		3/4	181,074	3/4	173,015	3/4	164,916	3/4	156,817	3/4	148,718	3/4	135,869	3/4	120,845	3/4	105,774	3/4	90,692
8		8	180,908	8	172,846	8	164,747	8	156,648	8	148,549	8	135,557	8	120,532	8	105,459	8	90,378
1/4		1/4	180,741	1/4	172,678	1/4	164,579	1/4	156,479	1/4	148,380	1/4	135,245	1/4	120,218	1/4	105,145	1/4	90,063
1/2		1/2	180,575	1/2	172,509	1/2	164,410	1/2	156,311	1/2	148,212	1/2	134,933	1/2	119,905	1/2	104,831	1/2	89,749
3/4		3/4	180,408	3/4	172,340	3/4	164,241	3/4	156,142	3/4	148,043	3/4	134,621	3/4	119,591	3/4	104,517	3/4	89,435
9		9	180,242	9	172,171	9	164,072	9	155,973	9	147,874	9	134,309	9	119,277	9	104,203	9	89,121
1/4		1/4	180,075	1/4	172,003	1/4	163,904	1/4	155,804	1/4	147,705	1/4	133,996	1/4	118,964	1/4	103,888	1/4	88,807
1/2		1/2	179,909	1/2	171,834	1/2	163,735	1/2	155,636	1/2	147,537	1/2	133,684	1/2	118,650	1/2	103,574	1/2	88,492
3/4		3/4	179,741	3/4	171,665	3/4	163,566	3/4	155,467	3/4	147,368	3/4	133,372	3/4	118,336	3/4	103,260	3/4	88,178
10		10	179,572	10	171,497	10	163,397	10	155,298	10	147,199	10	133,060	10	118,023	10	102,946	10	87,864
1/4		1/4	179,404	1/4	171,328	1/4	163,229	1/4	155,130	1/4	147,030	1/4	132,748	1/4	117,709	1/4	102,632	1/4	87,550
1/2		1/2	179,236	1/2	171,159	1/2	163,060	1/2	154,961	1/2	146,862	1/2	132,436	1/2	117,396	1/2	102,317	1/2	87,236
3/4		3/4	179,068	3/4	170,990	3/4	162,891	3/4	154,792	3/4	146,693	3/4	132,123	3/4	117,082	3/4	102,003	3/4	86,921
11		11	178,900	11	170,822	11	162,722	11	154,623	11	146,524	11	131,811	11	116,768	11	101,689	11	86,607
1/4		1/4	178,732	1/4	170,653	1/4	162,554	1/4	154,455	1/4	146,356	1/4	131,499	1/4	116,455	1/4	101,375	1/4	86,293
1/2		1/2	178,564	1/2	170,484	1/2	162,385	1/2	154,286	1/2	146,187	1/2	131,187	1/2	116,141	1/2	101,061	1/2	85,979
3/4		3/4	178,396	3/4	170,315	3/4	162,216	3/4	154,117	3/4	145,874	3/4	130,873	3/4	115,827	3/4	100,746	3/4	85,665

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
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BARGE "CBC 382"

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	85,350	0	70,265	0	55,237	0	40,579	0	25,783	0	10,694	0		0		0		0	
1/4	85,036	1/4	69,951	1/4	54,925	1/4	40,279	1/4	25,469	1/4	10,380	1/4		1/4		1/4		1/4	
1/2	84,722	1/2	69,637	1/2	54,614	1/2	39,979	1/2	25,155	1/2	10,065	1/2		1/2		1/2		1/2	
3/4	84,408	3/4	69,322	3/4	54,302	3/4	39,679	3/4	24,840	3/4	9,751	3/4		3/4		3/4		3/4	
1	84,093	1	69,008	1	53,990	1	39,378	1	24,526	1	9,436	1		1		1		1	
1/4	83,779	1/4	68,694	1/4	53,678	1/4	39,078	1/4	24,212	1/4	9,122	1/4		1/4		1/4		1/4	
1/2	83,465	1/2	68,380	1/2	53,367	1/2	38,778	1/2	23,897	1/2	8,808	1/2		1/2		1/2		1/2	
3/4	83,151	3/4	68,065	3/4	53,055	3/4	38,478	3/4	23,583	3/4	8,493	3/4		3/4		3/4		3/4	
2	82,836	2	67,751	2	52,743	2	38,177	2	23,269	2	8,179	2		2		2		2	
1/4	82,522	1/4	67,437	1/4	52,432	1/4	37,877	1/4	22,954	1/4	7,865	1/4		1/4		1/4		1/4	
1/2	82,208	1/2	67,122	1/2	52,120	1/2	37,577	1/2	22,640	1/2	7,550	1/2		1/2		1/2		1/2	
3/4	81,893	3/4	66,808	3/4	51,809	3/4	37,276	3/4	22,325	3/4	7,236	3/4		3/4		3/4		3/4	
3	81,579	3	66,494	3	51,498	3	36,974	3	22,011	3	6,922	3		3		3		3	
1/4	81,265	1/4	66,180	1/4	51,187	1/4	36,673	1/4	21,697	1/4	6,607	1/4		1/4		1/4		1/4	
1/2	80,951	1/2	65,865	1/2	50,876	1/2	36,372	1/2	21,382	1/2	6,293	1/2		1/2		1/2		1/2	
3/4	80,636	3/4	65,551	3/4	50,565	3/4	36,071	3/4	21,068	3/4	5,979	3/4		3/4		3/4		3/4	
4	80,322	4	65,237	4	50,254	4	35,769	4	20,754	4	5,665	4		4		4		4	
1/4	80,008	1/4	64,922	1/4	49,943	1/4	35,468	1/4	20,439	1/4	5,351	1/4		1/4		1/4		1/4	
1/2	79,694	1/2	64,608	1/2	49,633	1/2	35,167	1/2	20,125	1/2	5,036	1/2		1/2		1/2		1/2	
3/4	79,379	3/4	64,294	3/4	49,320	3/4	34,864	3/4	19,811	3/4	4,723	3/4		3/4		3/4		3/4	
5	79,065	5	63,980	5	49,008	5	34,562	5	19,496	5	4,411	5		5		5		5	
1/4	78,751	1/4	63,665	1/4	48,696	1/4	34,259	1/4	19,182	1/4	4,098	1/4		1/4		1/4		1/4	
1/2	78,436	1/2	63,351	1/2	48,384	1/2	33,957	1/2	18,867	1/2	3,785	1/2		1/2		1/2		1/2	
3/4	78,122	3/4	63,037	3/4	48,084	3/4	33,643	3/4	18,553	3/4	3,497	3/4		3/4		3/4		3/4	
6	77,808	6	62,722	6	47,784	6	33,328	6	18,239	6	3,210	6		6		6		6	
1/4	77,494	1/4	62,408	1/4	47,484	1/4	33,014	1/4	17,924	1/4	2,922	1/4		1/4		1/4		1/4	
1/2	77,179	1/2	62,094	1/2	47,183	1/2	32,699	1/2	17,610	1/2	2,634	1/2		1/2		1/2		1/2	
3/4	76,865	3/4	61,782	3/4	46,883	3/4	32,385	3/4	17,296	3/4	2,399	3/4		3/4		3/4		3/4	
7	76,551	7	61,471	7	46,583	7	32,071	7	16,981	7	2,163	7		7		7		7	
1/4	76,236	1/4	61,159	1/4	46,283	1/4	31,756	1/4	16,667	1/4	1,927	1/4		1/4		1/4		1/4	
1/2	75,922	1/2	60,847	1/2	45,983	1/2	31,442	1/2	16,353	1/2	1,692	1/2		1/2		1/2		1/2	
3/4	75,608	3/4	60,536	3/4	45,682	3/4	31,128	3/4	16,038	3/4	1,508	3/4		3/4		3/4		3/4	
8	75,294	8	60,224	8	45,382	8	30,813	8	15,724	8	1,324	8		8		8		8	
1/4	74,979	1/4	59,912	1/4	45,082	1/4	30,499	1/4	15,409	1/4	1,141	1/4		1/4		1/4		1/4	
1/2	74,665	1/2	59,600	1/2	44,782	1/2	30,185	1/2	15,095	1/2	957	1/2		1/2		1/2		1/2	
3/4	74,351	3/4	59,289	3/4	44,482	3/4	29,870	3/4	14,781	3/4		3/4		3/4		3/4		3/4	
9	74,037	9	58,977	9	44,181	9	29,556	9	14,466	9		9		9		9		9	
1/4	73,722	1/4	58,665	1/4	43,881	1/4	29,241	1/4	14,152	1/4		1/4		1/4		1/4		1/4	
1/2	73,408	1/2	58,354	1/2	43,581	1/2	28,927	1/2	13,838	1/2		1/2		1/2		1/2		1/2	
3/4	73,094	3/4	58,042	3/4	43,281	3/4	28,613	3/4	13,523	3/4		3/4		3/4		3/4		3/4	
10	72,779	10	57,730	10	42,981	10	28,298	10	13,209	10		10		10		10		10	
1/4	72,465	1/4	57,419	1/4	42,681	1/4	27,984	1/4	12,895	1/4		1/4		1/4		1/4		1/4	
1/2	72,151	1/2	57,107	1/2	42,380	1/2	27,670	1/2	12,580	1/2		1/2		1/2		1/2		1/2	
3/4	71,837	3/4	56,795	3/4	42,080	3/4	27,355	3/4	12,266	3/4		3/4		3/4		3/4		3/4	
11	71,522	11	56,484	11	41,780	11	27,041	11	11,951	11		11		11		11		11	
1/4	71,208	1/4	56,172	1/4	41,480	1/4	26,727	1/4	11,637	1/4		1/4		1/4		1/4		1/4	
1/2	70,894	1/2	55,860	1/2	41,180	1/2	26,412	1/2	11,323	1/2		1/2		1/2		1/2		1/2	
3/4	70,579	3/4	55,549	3/4	40,879	3/4	26,098	3/4	11,008	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/24/2013 CL - SW
CALCULATED: 04/24/2013 CL
PRINTED: 04/24/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2013

PRECISION MEASUREMENT
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