

BARGE "CBC 314"

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	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8
1 STBD	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8
2 PORT	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/4	-00-1/4	00-3/8	-00-3/8	00-3/8	-00-3/8	00-1/2	-00-1/2
2 STBD	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/4	-00-1/4	00-3/8	-00-3/8	00-3/8	-00-3/8	00-1/2	-00-1/2
3 PORT	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8
3 STBD	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-03"

February 26, 2013

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

<http://www.pmacorp.net>



BARGE CBC 314"

1 POR. INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	13,229	0	28,404	0	44,021	0	59,714	0	75,423	0	91,131	0	106,840	0	122,548	0	138,255	0
1/4	1/4	13,530	1/4	28,731	1/4	44,345	1/4	60,041	1/4	75,750	1/4	91,458	1/4	107,167	1/4	122,875	1/4	138,582	1/4
1/2	1/2	13,830	1/2	29,058	1/2	44,670	1/2	60,369	1/2	76,077	1/2	91,786	1/2	107,494	1/2	123,203	1/2	138,910	1/2
3/4	3/4	14,131	3/4	29,385	3/4	44,994	3/4	60,696	3/4	76,404	3/4	92,113	3/4	107,821	3/4	123,530	3/4	139,237	3/4
1	1	14,432	1	29,713	1	45,319	1	61,023	1	76,732	1	92,440	1	108,149	1	123,857	1	139,564	1
1/4	1/4	14,736	1/4	30,040	1/4	45,646	1/4	61,350	1/4	77,059	1/4	92,767	1/4	108,476	1/4	124,184	1/4	139,891	1/4
1/2	1/2	15,041	1/2	30,367	1/2	45,972	1/2	61,678	1/2	77,386	1/2	93,085	1/2	108,803	1/2	124,512	1/2	140,218	1/2
3/4	3/4	15,345	3/4	30,694	3/4	46,299	3/4	62,000	3/4	77,713	3/4	93,422	3/4	109,130	3/4	124,839	3/4	140,545	3/4
2	2	15,649	2	31,022	2	46,625	2	62,332	2	78,041	2	93,749	2	109,458	2	125,166	2	140,873	2
1/4	1/4	15,957	1/4	31,349	1/4	46,952	1/4	62,659	1/4	78,368	1/4	94,076	1/4	109,785	1/4	125,494	1/4	141,200	1/4
1/2	1/2	16,265	1/2	31,676	1/2	47,279	1/2	62,987	1/2	78,695	1/2	94,404	1/2	110,112	1/2	125,821	1/2	141,527	1/2
3/4	3/4	16,572	3/4	32,003	3/4	47,606	3/4	63,314	3/4	79,022	3/4	94,731	3/4	110,440	3/4	126,148	3/4	141,854	3/4
3	3	16,880	3	32,331	3	47,933	3	63,641	3	79,350	3	95,058	3	110,767	3	126,475	3	142,181	3
1/4	1/4	17,191	1/4	32,656	1/4	48,260	1/4	63,968	1/4	79,677	1/4	95,386	1/4	111,094	1/4	126,803	1/4	142,509	1/4
1/2	1/2	17,502	1/2	32,982	1/2	48,587	1/2	64,296	1/2	80,004	1/2	95,713	1/2	111,421	1/2	127,130	1/2	142,836	1/2
3/4	3/4	17,813	3/4	33,307	3/4	48,914	3/4	64,623	3/4	80,332	3/4	96,040	3/4	111,749	3/4	127,457	3/4	143,163	3/4
4	4	18,124	4	33,633	4	49,242	4	64,950	4	80,659	4	96,367	4	112,076	4	127,784	4	143,490	4
1/4	1/4	18,439	1/4	33,958	1/4	49,569	1/4	65,277	1/4	80,986	1/4	96,695	1/4	112,403	1/4	128,112	1/4	143,817	1/4
1/2	1/2	18,753	1/2	34,283	1/2	49,896	1/2	65,605	1/2	81,313	1/2	97,022	1/2	112,730	1/2	128,439	1/2	144,145	1/2
3/4	3/4	19,068	3/4	34,608	3/4	50,223	3/4	65,932	3/4	81,641	3/4	97,349	3/4	113,058	3/4	128,766	3/4	144,472	3/4
5	5	19,382	5	34,934	5	50,551	5	66,259	5	81,968	5	97,676	5	113,385	5	129,093	5	144,799	5
1/4	1/4	19,700	1/4	35,258	1/4	50,878	1/4	66,587	1/4	82,295	1/4	98,004	1/4	113,712	1/4	129,421	1/4	145,126	1/4
1/2	1/2	20,016	1/2	35,583	1/2	51,205	1/2	66,914	1/2	82,622	1/2	98,331	1/2	114,039	1/2	129,748	1/2	145,453	1/2
3/4	3/4	20,336	3/4	35,907	3/4	51,533	3/4	67,241	3/4	82,950	3/4	98,658	3/4	114,367	3/4	130,075	3/4	145,780	3/4
6	6	20,654	6	36,232	6	51,860	6	67,568	6	83,277	6	98,985	6	114,694	6	130,402	6	146,108	6
1/4	1/4	20,975	1/4	36,557	1/4	52,187	1/4	67,896	1/4	83,604	1/4	99,313	1/4	115,021	1/4	130,730	1/4	146,435	1/4
1/2	1/2	21,296	1/2	36,881	1/2	52,514	1/2	68,223	1/2	83,931	1/2	99,640	1/2	115,348	1/2	131,057	1/2	146,762	1/2
3/4	3/4	21,617	3/4	37,206	3/4	52,842	3/4	68,550	3/4	84,259	3/4	99,967	3/4	115,676	3/4	131,384	3/4	147,089	3/4
7	7	21,939	7	37,530	7	53,169	7	68,877	7	84,586	7	100,294	7	116,003	7	131,711	7	147,416	7
1/4	1/4	22,256	1/4	37,855	1/4	53,496	1/4	69,205	1/4	84,913	1/4	100,622	1/4	116,330	1/4	132,039	1/4	147,744	1/4
1/2	1/2	22,573	1/2	38,179	1/2	53,823	1/2	69,532	1/2	85,240	1/2	100,949	1/2	116,657	1/2	132,366	1/2	148,071	1/2
3/4	3/4	22,890	3/4	38,504	3/4	54,151	3/4	69,859	3/4	85,568	3/4	101,276	3/4	116,985	3/4	132,693	3/4	148,398	3/4
8	8	23,207	8	38,828	8	54,478	8	70,186	8	85,895	8	101,603	8	117,312	8	133,020	8	148,725	8
1/4	1/4	23,526	1/4	39,153	1/4	54,805	1/4	70,514	1/4	86,222	1/4	101,931	1/4	117,639	1/4	133,347	1/4	149,052	1/4
1/2	1/2	23,844	1/2	39,477	1/2	55,132	1/2	70,841	1/2	86,549	1/2	102,258	1/2	117,967	1/2	133,675	1/2	149,379	1/2
3/4	3/4	24,162	3/4	39,802	3/4	55,460	3/4	71,168	3/4	86,877	3/4	102,585	3/4	118,294	3/4	134,002	3/4	149,707	3/4
9	9	24,481	9	40,126	9	55,787	9	71,495	9	87,204	9	102,913	9	118,621	9	134,329	9	150,034	9
1/4	1/4	24,807	1/4	40,451	1/4	56,114	1/4	71,823	1/4	87,531	1/4	103,240	1/4	118,948	1/4	134,656	1/4	150,361	1/4
1/2	1/2	25,133	1/2	40,776	1/2	56,441	1/2	72,150	1/2	87,859	1/2	103,567	1/2	119,276	1/2	134,983	1/2	150,688	1/2
3/4	3/4	25,459	3/4	41,100	3/4	56,769	3/4	72,477	3/4	88,186	3/4	103,894	3/4	119,603	3/4	135,311	3/4	151,015	3/4
10	10	25,786	10	41,425	10	57,096	10	72,804	10	88,513	10	104,222	10	119,930	10	135,638	10	151,343	10
1/4	1/4	26,113	1/4	41,749	1/4	57,423	1/4	73,132	1/4	88,840	1/4	104,549	1/4	120,257	1/4	135,965	1/4	151,670	1/4
1/2	1/2	26,440	1/2	42,074	1/2	57,750	1/2	73,459	1/2	89,168	1/2	104,876	1/2	120,585	1/2	136,292	1/2	151,997	1/2
3/4	3/4	26,767	3/4	42,398	3/4	58,078	3/4	73,786	3/4	89,495	3/4	105,203	3/4	120,912	3/4	136,619	3/4	152,324	3/4
11	11	27,095	11	42,723	11	58,405	11	74,114	11	89,822	11	105,531	11	121,239	11	136,946	11	152,651	11
1/4	1/4	27,422	1/4	43,047	1/4	58,732	1/4	74,441	1/4	90,149	1/4	105,858	1/4	121,566	1/4	137,274	1/4	152,978	1/4
1/2	1/2	27,749	1/2	43,372	1/2	59,060	1/2	74,768	1/2	90,477	1/2	106,185	1/2	121,894	1/2	137,601	1/2	153,306	1/2
3/4	3/4	28,076	3/4	43,696	3/4	59,387	3/4	75,095	3/4	90,804	3/4	106,512	3/4	122,221	3/4	137,928	3/4	153,633	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MIMC" VALVE.
 GAUGE POINT: (MIMC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2082
 Pearland, Texas 77668
<http://www.pimacorp.net>



BARGE JBC 314"

1 POR. INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	153,960	0	169,665	0	185,298	0	200,915	0	216,444	0	231,884	0	247,334	0	262,794	0	278,264	0	293,744
1/4	154,287	1/4	170,319	1/4	185,948	1/4	201,565	1/4	217,071	1/4	232,587	1/4	248,113	1/4	263,639	1/4	279,165	1/4	294,691
1/2	154,614	1/2	170,319	1/2	185,948	1/2	201,565	1/2	217,071	1/2	232,587	1/2	248,113	1/2	263,639	1/2	279,165	1/2	294,691
3/4	154,942	3/4	170,646	3/4	186,274	3/4	201,891	3/4	217,384	3/4	232,920	3/4	248,458	3/4	263,946	3/4	279,484	3/4	295,022
1	155,269	1	170,974	1	186,599	1	202,216	1	217,698	1	233,180	1	248,662	1	264,144	1	279,626	1	295,104
1/4	155,596	1/4	171,301	1/4	186,924	1/4	202,541	1/4	218,021	1/4	233,511	1/4	249,003	1/4	264,484	1/4	280,006	1/4	295,351
1/2	155,923	1/2	171,628	1/2	187,250	1/2	202,867	1/2	218,344	1/2	233,840	1/2	249,329	1/2	264,810	1/2	280,332	1/2	295,628
3/4	156,250	3/4	171,955	3/4	187,575	3/4	203,192	3/4	218,671	3/4	234,171	3/4	249,659	3/4	265,147	3/4	280,659	3/4	295,905
2	156,577	2	172,282	2	187,900	2	203,518	2	219,000	2	234,500	2	250,000	2	265,500	2	281,000	2	296,250
1/4	156,905	1/4	172,608	1/4	188,226	1/4	203,843	1/4	219,327	1/4	234,827	1/4	250,327	1/4	265,827	1/4	281,327	1/4	296,527
1/2	157,232	1/2	172,932	1/2	188,551	1/2	204,168	1/2	219,654	1/2	235,154	1/2	250,654	1/2	266,154	1/2	281,654	1/2	296,804
3/4	157,559	3/4	173,259	3/4	188,876	3/4	204,494	3/4	219,980	3/4	235,480	3/4	250,980	3/4	266,480	3/4	281,980	3/4	297,080
3	157,886	3	173,585	3	189,202	3	204,819	3	220,305	3	235,805	3	251,305	3	266,805	3	282,305	3	297,385
1/4	158,213	1/4	173,910	1/4	189,527	1/4	205,144	1/4	220,630	1/4	236,130	1/4	251,630	1/4	267,130	1/4	282,630	1/4	297,685
1/2	158,541	1/2	174,235	1/2	189,853	1/2	205,470	1/2	220,955	1/2	236,455	1/2	251,955	1/2	267,455	1/2	282,955	1/2	297,985
3/4	158,868	3/4	174,561	3/4	190,178	3/4	205,795	3/4	221,280	3/4	236,780	3/4	252,280	3/4	267,780	3/4	283,280	3/4	298,285
4	159,195	4	174,886	4	190,503	4	206,120	4	221,605	4	237,105	4	252,605	4	268,105	4	283,605	4	298,585
1/4	159,522	1/4	175,211	1/4	190,829	1/4	206,446	1/4	221,930	1/4	237,430	1/4	252,930	1/4	268,430	1/4	283,930	1/4	298,885
1/2	159,849	1/2	175,537	1/2	191,154	1/2	206,771	1/2	222,255	1/2	237,755	1/2	253,255	1/2	268,755	1/2	284,255	1/2	299,185
3/4	160,176	3/4	175,862	3/4	191,479	3/4	207,097	3/4	222,580	3/4	238,080	3/4	253,580	3/4	269,080	3/4	284,580	3/4	299,485
5	160,504	5	176,187	5	191,805	5	207,422	5	222,905	5	238,405	5	253,905	5	269,405	5	284,905	5	299,785
1/4	160,831	1/4	176,512	1/4	192,130	1/4	207,747	1/4	223,230	1/4	238,730	1/4	254,230	1/4	269,730	1/4	285,230	1/4	300,085
1/2	161,158	1/2	176,838	1/2	192,455	1/2	208,073	1/2	223,555	1/2	239,055	1/2	254,555	1/2	270,055	1/2	285,555	1/2	300,385
3/4	161,485	3/4	177,164	3/4	192,781	3/4	208,398	3/4	223,880	3/4	239,380	3/4	254,880	3/4	270,380	3/4	285,880	3/4	300,685
6	161,812	6	177,489	6	193,106	6	208,723	6	224,205	6	239,705	6	255,205	6	270,705	6	286,205	6	300,985
1/4	162,140	1/4	177,814	1/4	193,431	1/4	209,049	1/4	224,530	1/4	240,030	1/4	255,530	1/4	271,030	1/4	286,530	1/4	301,285
1/2	162,467	1/2	178,140	1/2	193,757	1/2	209,374	1/2	224,855	1/2	240,355	1/2	255,855	1/2	271,355	1/2	286,855	1/2	301,585
3/4	162,794	3/4	178,465	3/4	194,082	3/4	209,699	3/4	225,180	3/4	240,680	3/4	256,180	3/4	271,680	3/4	287,180	3/4	301,885
7	163,121	7	178,790	7	194,408	7	210,025	7	225,505	7	241,005	7	256,505	7	272,005	7	287,505	7	302,185
1/4	163,448	1/4	179,116	1/4	194,733	1/4	210,347	1/4	225,830	1/4	241,330	1/4	256,830	1/4	272,330	1/4	287,830	1/4	302,485
1/2	163,775	1/2	179,441	1/2	195,058	1/2	210,669	1/2	226,155	1/2	241,655	1/2	257,155	1/2	272,655	1/2	288,155	1/2	302,785
3/4	164,103	3/4	179,766	3/4	195,384	3/4	210,992	3/4	226,480	3/4	241,980	3/4	257,480	3/4	272,980	3/4	288,480	3/4	303,085
8	164,430	8	180,092	8	195,709	8	211,314	8	226,805	8	242,305	8	257,805	8	273,305	8	288,805	8	303,385
1/4	164,757	1/4	180,417	1/4	196,034	1/4	211,635	1/4	227,130	1/4	242,630	1/4	258,130	1/4	273,630	1/4	289,130	1/4	303,685
1/2	165,084	1/2	180,742	1/2	196,360	1/2	211,957	1/2	227,455	1/2	242,955	1/2	258,455	1/2	273,955	1/2	289,455	1/2	303,985
3/4	165,411	3/4	181,068	3/4	196,685	3/4	212,279	3/4	227,780	3/4	243,280	3/4	258,780	3/4	274,280	3/4	289,780	3/4	304,285
9	165,739	9	181,393	9	197,010	9	212,600	9	228,105	9	243,605	9	259,105	9	274,605	9	290,105	9	304,585
1/4	166,066	1/4	181,719	1/4	197,336	1/4	212,922	1/4	228,430	1/4	243,930	1/4	259,430	1/4	274,930	1/4	290,430	1/4	304,885
1/2	166,393	1/2	182,044	1/2	197,661	1/2	213,243	1/2	228,755	1/2	244,255	1/2	259,755	1/2	275,255	1/2	290,755	1/2	305,185
3/4	166,720	3/4	182,369	3/4	197,986	3/4	213,564	3/4	229,080	3/4	244,580	3/4	260,080	3/4	275,580	3/4	291,080	3/4	305,485
10	167,047	10	182,695	10	198,312	10	213,885	10	229,405	10	244,905	10	260,405	10	275,905	10	291,405	10	305,785
1/4	167,375	1/4	183,020	1/4	198,637	1/4	214,206	1/4	229,730	1/4	245,230	1/4	260,730	1/4	276,230	1/4	291,730	1/4	306,085
1/2	167,702	1/2	183,345	1/2	198,963	1/2	214,526	1/2	230,055	1/2	245,555	1/2	261,055	1/2	276,555	1/2	292,055	1/2	306,385
3/4	168,029	3/4	183,671	3/4	199,288	3/4	214,847	3/4	230,380	3/4	245,880	3/4	261,380	3/4	276,880	3/4	292,380	3/4	306,685
11	168,356	11	183,996	11	199,613	11	215,167	11	230,705	11	246,205	11	261,705	11	277,205	11	292,705	11	306,985
1/4	168,683	1/4	184,321	1/4	199,939	1/4	215,486	1/4	231,030	1/4	246,530	1/4	262,030	1/4	277,530	1/4	293,030	1/4	307,285
1/2	169,010	1/2	184,647	1/2	200,264	1/2	215,806	1/2	231,355	1/2	246,855	1/2	262,355	1/2	277,855	1/2	293,355	1/2	307,585
3/4	169,338	3/4	184,972	3/4	200,589	3/4	216,125	3/4	231,680	3/4	247,180	3/4	262,680	3/4	278,180	3/4	293,680	3/4	307,885

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77568
<http://www.pmacorp.net>



BARGE JBC 314"

1 STBL

INNAGE TABLE

GAUGE HEIGHT 16'-04 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	584	0	13,228	0	28,403	0	44,073	0	59,775	0	75,484	0	91,192	0	106,901	0	122,609	0	138,316
1/4	719	1/4	13,529	1/4	28,731	1/4	44,399	1/4	60,102	1/4	75,811	1/4	91,519	1/4	107,228	1/4	122,936	1/4	138,643
1/2	854	1/2	13,830	1/2	29,088	1/2	44,726	1/2	60,430	1/2	76,138	1/2	91,847	1/2	107,555	1/2	123,264	1/2	138,971
3/4	989	3/4	14,131	3/4	29,385	3/4	45,052	3/4	60,757	3/4	76,465	3/4	92,174	3/4	107,882	3/4	123,591	3/4	139,288
1	1,123	1	14,432	1	29,712	1	45,379	1	61,084	1	76,793	1	92,501	1	108,210	1	123,918	1	139,625
1/4	1,336	1/4	14,736	1/4	30,039	1/4	45,706	1/4	61,411	1/4	77,120	1/4	92,828	1/4	108,537	1/4	124,245	1/4	139,952
1/2	1,548	1/2	15,040	1/2	30,366	1/2	46,033	1/2	61,739	1/2	77,447	1/2	93,156	1/2	108,864	1/2	124,573	1/2	140,279
3/4	1,760	3/4	15,345	3/4	30,693	3/4	46,359	3/4	62,066	3/4	77,774	3/4	93,483	3/4	109,191	3/4	124,900	3/4	140,606
2	1,972	2	15,649	2	31,020	2	46,686	2	62,393	2	78,102	2	93,810	2	109,519	2	125,227	2	140,934
1/4	2,233	1/4	15,957	1/4	31,346	1/4	47,013	1/4	62,720	1/4	78,429	1/4	94,137	1/4	109,846	1/4	125,554	1/4	141,261
1/2	2,493	1/2	16,264	1/2	31,673	1/2	47,340	1/2	63,048	1/2	78,756	1/2	94,465	1/2	110,173	1/2	125,882	1/2	141,588
3/4	2,753	3/4	16,572	3/4	32,000	3/4	47,667	3/4	63,375	3/4	79,083	3/4	94,792	3/4	110,500	3/4	126,209	3/4	141,915
3	3,013	3	16,880	3	32,327	3	47,994	3	63,702	3	79,411	3	95,119	3	110,828	3	126,536	3	142,242
1/4	3,283	1/4	17,191	1/4	32,654	1/4	48,321	1/4	64,029	1/4	79,738	1/4	95,446	1/4	111,155	1/4	126,864	1/4	142,570
1/2	3,553	1/2	17,502	1/2	32,980	1/2	48,648	1/2	64,357	1/2	80,065	1/2	95,774	1/2	111,482	1/2	127,191	1/2	142,897
3/4	3,822	3/4	17,813	3/4	33,307	3/4	48,975	3/4	64,684	3/4	80,392	3/4	96,101	3/4	111,810	3/4	127,518	3/4	143,224
4	4,092	4	18,124	4	33,634	4	49,303	4	65,011	4	80,720	4	96,428	4	112,137	4	127,845	4	143,551
1/4	4,365	1/4	18,438	1/4	33,961	1/4	49,630	1/4	65,338	1/4	81,047	1/4	96,756	1/4	112,464	1/4	128,173	1/4	143,878
1/2	4,639	1/2	18,753	1/2	34,287	1/2	49,957	1/2	65,666	1/2	81,374	1/2	97,083	1/2	112,791	1/2	128,500	1/2	144,205
3/4	4,912	3/4	19,067	3/4	34,614	3/4	50,284	3/4	65,993	3/4	81,702	3/4	97,410	3/4	113,119	3/4	128,827	3/4	144,533
5	5,186	5	19,382	5	34,941	5	50,612	5	66,320	5	82,029	5	97,737	5	113,446	5	129,154	5	144,860
1/4	5,463	1/4	19,700	1/4	35,267	1/4	50,939	1/4	66,647	1/4	82,356	1/4	98,066	1/4	113,773	1/4	129,482	1/4	145,187
1/2	5,740	1/2	20,018	1/2	35,593	1/2	51,266	1/2	66,975	1/2	82,683	1/2	98,392	1/2	114,100	1/2	129,809	1/2	145,514
3/4	6,017	3/4	20,335	3/4	35,919	3/4	51,593	3/4	67,302	3/4	83,011	3/4	98,719	3/4	114,428	3/4	130,136	3/4	145,841
6	6,294	6	20,653	6	36,246	6	51,921	6	67,629	6	83,338	6	99,046	6	114,755	6	130,463	6	146,169
1/4	6,574	1/4	20,975	1/4	36,572	1/4	52,248	1/4	67,957	1/4	83,665	1/4	99,374	1/4	115,082	1/4	130,791	1/4	146,496
1/2	6,855	1/2	21,296	1/2	36,898	1/2	52,575	1/2	68,284	1/2	83,992	1/2	99,701	1/2	115,409	1/2	131,118	1/2	146,823
3/4	7,135	3/4	21,617	3/4	37,224	3/4	52,903	3/4	68,611	3/4	84,320	3/4	100,028	3/4	115,737	3/4	131,445	3/4	147,150
7	7,416	7	21,938	7	37,550	7	53,230	7	68,938	7	84,647	7	100,355	7	116,064	7	131,772	7	147,477
1/4	7,699	1/4	22,256	1/4	37,876	1/4	53,557	1/4	69,266	1/4	84,974	1/4	100,683	1/4	116,391	1/4	132,100	1/4	147,804
1/2	7,983	1/2	22,573	1/2	38,202	1/2	53,884	1/2	69,593	1/2	85,301	1/2	101,010	1/2	116,718	1/2	132,427	1/2	148,132
3/4	8,267	3/4	22,890	3/4	38,528	3/4	54,212	3/4	69,920	3/4	85,629	3/4	101,337	3/4	117,046	3/4	132,754	3/4	148,459
8	8,551	8	23,207	8	38,854	8	54,539	8	70,247	8	85,956	8	101,664	8	117,373	8	133,081	8	148,786
1/4	8,838	1/4	23,525	1/4	39,180	1/4	54,866	1/4	70,575	1/4	86,283	1/4	101,992	1/4	117,700	1/4	133,408	1/4	149,113
1/2	9,125	1/2	23,844	1/2	39,506	1/2	55,193	1/2	70,902	1/2	86,610	1/2	102,319	1/2	118,027	1/2	133,736	1/2	149,440
3/4	9,413	3/4	24,162	3/4	39,832	3/4	55,521	3/4	71,229	3/4	86,938	3/4	102,646	3/4	118,355	3/4	134,063	3/4	149,768
9	9,700	9	24,481	9	40,158	9	55,848	9	71,556	9	87,265	9	102,973	9	118,682	9	134,390	9	150,095
1/4	9,991	1/4	24,807	1/4	40,484	1/4	56,175	1/4	71,884	1/4	87,592	1/4	103,301	1/4	119,009	1/4	134,717	1/4	150,422
1/2	10,281	1/2	25,133	1/2	40,811	1/2	56,502	1/2	72,211	1/2	87,919	1/2	103,628	1/2	119,337	1/2	135,044	1/2	150,749
3/4	10,572	3/4	25,459	3/4	41,137	3/4	56,830	3/4	72,538	3/4	88,247	3/4	103,955	3/4	119,664	3/4	135,372	3/4	151,076
10	10,862	10	25,785	10	41,463	10	57,157	10	72,865	10	88,574	10	104,283	10	119,991	10	135,699	10	151,403
1/4	11,156	1/4	26,112	1/4	41,789	1/4	57,484	1/4	73,193	1/4	88,901	1/4	104,610	1/4	120,318	1/4	136,026	1/4	151,731
1/2	11,451	1/2	26,440	1/2	42,115	1/2	57,811	1/2	73,520	1/2	89,229	1/2	104,937	1/2	120,646	1/2	136,353	1/2	152,058
3/4	11,745	3/4	26,767	3/4	42,441	3/4	58,139	3/4	73,847	3/4	89,556	3/4	105,264	3/4	120,973	3/4	136,680	3/4	152,385
11	12,039	11	27,094	11	42,767	11	58,466	11	74,175	11	89,883	11	105,592	11	121,300	11	137,007	11	152,712
1/4	12,336	1/4	27,421	1/4	43,093	1/4	58,793	1/4	74,502	1/4	90,210	1/4	105,919	1/4	121,627	1/4	137,335	1/4	153,039
1/2	12,634	1/2	27,749	1/2	43,420	1/2	59,120	1/2	74,829	1/2	90,538	1/2	106,246	1/2	121,955	1/2	137,662	1/2	153,367
3/4	12,931	3/4	28,076	3/4	43,746	3/4	59,448	3/4	75,156	3/4	90,865	3/4	106,573	3/4	122,282	3/4	137,989	3/4	153,694

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 THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE JBC 314"

1 STBL

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N
0	0	169,726	0	185,358	0	200,976	0	216,505	0	232,034	0	247,563	0	263,092	0	278,621	0	294,150	0
1/4	1/4	154,348	1/4	185,684	1/4	201,301	1/4	216,818	1/4	232,335	1/4	247,852	1/4	263,369	1/4	278,886	1/4	294,403	1/4
1/2	1/2	154,675	1/2	186,009	1/2	201,626	1/2	217,132	1/2	232,641	1/2	248,147	1/2	263,653	1/2	279,159	1/2	294,671	1/2
3/4	3/4	155,003	3/4	170,707	3/4	201,952	3/4	217,445	3/4	232,968	3/4	248,474	3/4	263,969	3/4	279,466	3/4	294,982	3/4
1	1	155,330	1	171,034	1	202,277	1	217,759	1	233,280	1	248,775	1	264,271	1	279,753	1	295,289	1
1/4	1/4	155,657	1/4	171,362	1/4	202,602	1/4	218,032	1/4	233,601	1/4	249,096	1/4	264,588	1/4	280,063	1/4	295,596	1/4
1/2	1/2	155,984	1/2	171,689	1/2	202,928	1/2	218,305	1/2	233,920	1/2	249,369	1/2	264,905	1/2	280,336	1/2	295,903	1/2
3/4	3/4	156,311	3/4	172,016	3/4	203,253	3/4	218,578	3/4	234,241	3/4	249,642	3/4	265,212	3/4	280,603	3/4	296,210	3/4
2	2	156,638	2	172,343	2	203,579	2	218,851	2	234,563	2	249,915	2	265,529	2	280,870	2	296,517	2
1/4	1/4	156,966	1/4	172,669	1/4	203,904	1/4	219,071	1/4	234,836	1/4	250,188	1/4	265,846	1/4	281,137	1/4	296,824	1/4
1/2	1/2	157,293	1/2	172,994	1/2	204,229	1/2	219,290	1/2	235,109	1/2	250,461	1/2	266,163	1/2	281,400	1/2	297,131	1/2
3/4	3/4	157,620	3/4	173,320	3/4	204,555	3/4	219,510	3/4	235,380	3/4	250,734	3/4	266,480	3/4	281,663	3/4	297,438	3/4
3	3	157,947	3	173,646	3	204,880	3	219,730	3	235,701	3	251,007	3	266,797	3	281,926	3	297,745	3
1/4	1/4	158,274	1/4	173,971	1/4	205,205	1/4	219,895	1/4	236,022	1/4	251,280	1/4	267,114	1/4	282,189	1/4	298,052	1/4
1/2	1/2	158,602	1/2	174,296	1/2	205,531	1/2	220,060	1/2	236,343	1/2	251,553	1/2	267,431	1/2	282,452	1/2	298,359	1/2
3/4	3/4	158,929	3/4	174,622	3/4	205,856	3/4	220,333	3/4	236,664	3/4	251,826	3/4	267,748	3/4	282,715	3/4	298,666	3/4
4	4	159,256	4	174,947	4	206,181	4	220,606	4	236,985	4	252,101	4	268,065	4	282,978	4	298,973	4
1/4	1/4	159,583	1/4	175,272	1/4	206,507	1/4	220,879	1/4	237,306	1/4	252,374	1/4	268,382	1/4	283,241	1/4	299,280	1/4
1/2	1/2	159,910	1/2	175,598	1/2	206,832	1/2	221,152	1/2	237,627	1/2	252,647	1/2	268,699	1/2	283,504	1/2	299,587	1/2
3/4	3/4	160,237	3/4	175,923	3/4	207,157	3/4	221,425	3/4	237,948	3/4	252,920	3/4	269,016	3/4	283,767	3/4	299,894	3/4
5	5	160,565	5	176,248	5	207,483	5	221,698	5	238,269	5	253,193	5	269,333	5	284,030	5	300,201	5
1/4	1/4	160,892	1/4	176,574	1/4	207,808	1/4	221,971	1/4	238,590	1/4	253,466	1/4	269,650	1/4	284,293	1/4	300,508	1/4
1/2	1/2	161,219	1/2	176,899	1/2	208,134	1/2	222,244	1/2	238,911	1/2	253,739	1/2	269,967	1/2	284,556	1/2	300,815	1/2
3/4	3/4	161,546	3/4	177,224	3/4	208,459	3/4	222,517	3/4	239,232	3/4	254,012	3/4	270,284	3/4	284,819	3/4	301,122	3/4
6	6	161,873	6	177,550	6	208,784	6	222,790	6	239,553	6	254,285	6	270,601	6	285,082	6	301,429	6
1/4	1/4	162,201	1/4	177,875	1/4	209,110	1/4	223,063	1/4	239,874	1/4	254,558	1/4	270,918	1/4	285,345	1/4	301,736	1/4
1/2	1/2	162,528	1/2	178,201	1/2	209,435	1/2	223,336	1/2	240,195	1/2	254,831	1/2	271,235	1/2	285,608	1/2	302,043	1/2
3/4	3/4	162,855	3/4	178,526	3/4	209,760	3/4	223,609	3/4	240,516	3/4	255,104	3/4	271,552	3/4	285,871	3/4	302,350	3/4
7	7	163,182	7	178,851	7	210,086	7	223,882	7	240,837	7	255,377	7	271,869	7	286,134	7	302,657	7
1/4	1/4	163,509	1/4	179,177	1/4	210,408	1/4	224,159	1/4	241,158	1/4	255,650	1/4	272,186	1/4	286,397	1/4	302,964	1/4
1/2	1/2	163,836	1/2	179,502	1/2	210,730	1/2	224,431	1/2	241,479	1/2	255,923	1/2	272,503	1/2	286,660	1/2	303,271	1/2
3/4	3/4	164,164	3/4	179,827	3/4	211,052	3/4	224,704	3/4	241,800	3/4	256,196	3/4	272,820	3/4	286,923	3/4	303,578	3/4
8	8	164,491	8	180,153	8	211,375	8	224,975	8	242,121	8	256,469	8	273,137	8	287,186	8	303,885	8
1/4	1/4	164,818	1/4	180,478	1/4	211,696	1/4	225,248	1/4	242,442	1/4	256,742	1/4	273,454	1/4	287,449	1/4	304,192	1/4
1/2	1/2	165,145	1/2	180,803	1/2	212,018	1/2	225,521	1/2	242,763	1/2	257,015	1/2	273,771	1/2	287,712	1/2	304,500	1/2
3/4	3/4	165,472	3/4	181,129	3/4	212,340	3/4	225,794	3/4	243,084	3/4	257,288	3/4	274,088	3/4	287,975	3/4	304,807	3/4
9	9	165,800	9	181,454	9	212,661	9	226,067	9	243,405	9	257,561	9	274,405	9	288,238	9	305,114	9
1/4	1/4	166,127	1/4	181,780	1/4	212,983	1/4	226,339	1/4	243,726	1/4	257,834	1/4	274,722	1/4	288,501	1/4	305,421	1/4
1/2	1/2	166,454	1/2	182,105	1/2	213,304	1/2	226,612	1/2	244,047	1/2	258,107	1/2	275,039	1/2	288,764	1/2	305,728	1/2
3/4	3/4	166,781	3/4	182,430	3/4	213,625	3/4	226,885	3/4	244,368	3/4	258,380	3/4	275,356	3/4	289,027	3/4	306,035	3/4
10	10	167,108	10	182,756	10	213,946	10	227,161	10	244,689	10	258,653	10	275,673	10	289,290	10	306,342	10
1/4	1/4	167,435	1/4	183,081	1/4	214,267	1/4	227,434	1/4	245,010	1/4	258,926	1/4	275,990	1/4	289,553	1/4	306,649	1/4
1/2	1/2	167,763	1/2	183,406	1/2	214,587	1/2	227,707	1/2	245,331	1/2	259,199	1/2	276,307	1/2	289,816	1/2	306,956	1/2
3/4	3/4	168,090	3/4	183,732	3/4	214,908	3/4	228,028	3/4	245,652	3/4	259,472	3/4	276,624	3/4	290,079	3/4	307,263	3/4
11	11	168,417	11	184,057	11	215,228	11	228,349	11	245,973	11	259,745	11	276,941	11	290,342	11	307,570	11
1/4	1/4	168,744	1/4	184,382	1/4	215,547	1/4	228,670	1/4	246,294	1/4	260,018	1/4	277,258	1/4	290,605	1/4	307,877	1/4
1/2	1/2	169,071	1/2	184,708	1/2	215,866	1/2	228,991	1/2	246,615	1/2	260,291	1/2	277,575	1/2	290,868	1/2	308,184	1/2
3/4	3/4	169,399	3/4	185,033	3/4	216,186	3/4	229,312	3/4	246,936	3/4	260,564	3/4	277,892	3/4	291,131	3/4	308,491	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77586
<http://www.pmacorp.net>



BARGE JBC 314"

2 PORT

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	593	0	15,004	0	30,153	0	45,122	0	60,192	0	75,341	0	90,491	0	105,640	0	120,790	0	135,938
1/4	780	1/4	15,319	1/4	30,468	1/4	45,431	1/4	60,507	1/4	75,657	1/4	90,806	1/4	105,956	1/4	121,105	1/4	136,253
1/2	967	1/2	15,635	1/2	30,784	1/2	45,740	1/2	60,823	1/2	75,973	1/2	91,122	1/2	106,271	1/2	121,421	1/2	136,569
3/4	1,155	3/4	15,950	3/4	31,099	3/4	46,049	3/4	61,139	3/4	76,288	3/4	91,438	3/4	106,587	3/4	121,736	3/4	136,884
1	1,342	1	16,266	1	31,415	1	46,358	1	61,454	1	76,604	1	91,753	1	106,903	1	122,052	1	137,200
1/4	1,608	1/4	16,582	1/4	31,731	1/4	46,667	1/4	61,770	1/4	76,919	1/4	92,069	1/4	107,218	1/4	122,368	1/4	137,515
1/2	1,875	1/2	16,897	1/2	32,046	1/2	46,977	1/2	62,086	1/2	77,235	1/2	92,384	1/2	107,534	1/2	122,683	1/2	137,831
3/4	2,141	3/4	17,213	3/4	32,362	3/4	47,286	3/4	62,401	3/4	77,551	3/4	92,700	3/4	107,849	3/4	122,999	3/4	138,146
2	2,407	2	17,528	2	32,677	2	47,595	2	62,717	2	77,866	2	93,016	2	108,165	2	123,315	2	138,462
1/4	2,717	1/4	17,844	1/4	32,993	1/4	47,905	1/4	63,032	1/4	78,182	1/4	93,331	1/4	108,481	1/4	123,630	1/4	138,777
1/2	3,026	1/2	18,160	1/2	33,309	1/2	48,214	1/2	63,348	1/2	78,497	1/2	93,647	1/2	108,796	1/2	123,946	1/2	139,093
3/4	3,335	3/4	18,475	3/4	33,624	3/4	48,523	3/4	63,664	3/4	78,813	3/4	93,962	3/4	109,112	3/4	124,261	3/4	139,408
3	3,645	3	18,791	3	33,940	3	48,833	3	63,979	3	79,129	3	94,278	3	109,428	3	124,577	3	139,724
1/4	3,960	1/4	19,106	1/4	34,255	1/4	49,148	1/4	64,295	1/4	79,444	1/4	94,594	1/4	109,743	1/4	124,893	1/4	140,040
1/2	4,275	1/2	19,422	1/2	34,571	1/2	49,463	1/2	64,610	1/2	79,760	1/2	94,909	1/2	110,059	1/2	125,208	1/2	140,355
3/4	4,590	3/4	19,738	3/4	34,887	3/4	49,777	3/4	64,926	3/4	80,075	3/4	95,225	3/4	110,374	3/4	125,524	3/4	140,671
4	4,905	4	20,053	4	35,202	4	50,092	4	65,242	4	80,391	4	95,541	4	110,690	4	125,839	4	140,986
1/4	5,220	1/4	20,369	1/4	35,518	1/4	50,408	1/4	65,557	1/4	80,707	1/4	95,856	1/4	111,006	1/4	126,155	1/4	141,302
1/2	5,536	1/2	20,684	1/2	35,833	1/2	50,723	1/2	65,873	1/2	81,022	1/2	96,172	1/2	111,321	1/2	126,471	1/2	141,617
3/4	5,851	3/4	21,000	3/4	36,149	3/4	51,039	3/4	66,188	3/4	81,338	3/4	96,487	3/4	111,637	3/4	126,786	3/4	141,933
5	6,167	5	21,316	5	36,465	5	51,355	5	66,504	5	81,654	5	96,803	5	111,952	5	127,102	5	142,248
1/4	6,482	1/4	21,631	1/4	36,775	1/4	51,670	1/4	66,820	1/4	81,969	1/4	97,119	1/4	112,268	1/4	127,417	1/4	142,564
1/2	6,798	1/2	21,947	1/2	37,084	1/2	51,986	1/2	67,135	1/2	82,285	1/2	97,434	1/2	112,584	1/2	127,733	1/2	142,879
3/4	7,114	3/4	22,263	3/4	37,394	3/4	52,302	3/4	67,451	3/4	82,600	3/4	97,750	3/4	112,899	3/4	128,049	3/4	143,195
6	7,429	6	22,578	6	37,704	6	52,617	6	67,767	6	82,916	6	98,055	6	113,215	6	128,364	6	143,510
1/4	7,745	1/4	22,894	1/4	38,013	1/4	52,933	1/4	68,082	1/4	83,232	1/4	98,381	1/4	113,531	1/4	128,680	1/4	143,826
1/2	8,060	1/2	23,209	1/2	38,322	1/2	53,248	1/2	68,398	1/2	83,547	1/2	98,697	1/2	113,846	1/2	128,996	1/2	144,141
3/4	8,376	3/4	23,525	3/4	38,631	3/4	53,564	3/4	68,713	3/4	83,863	3/4	99,012	3/4	114,162	3/4	129,311	3/4	144,457
7	8,692	7	23,841	7	38,940	7	53,880	7	69,029	7	84,178	7	99,328	7	114,477	7	129,627	7	144,773
1/4	9,007	1/4	24,156	1/4	39,250	1/4	54,195	1/4	69,345	1/4	84,494	1/4	99,644	1/4	114,793	1/4	129,942	1/4	145,088
1/2	9,323	1/2	24,472	1/2	39,559	1/2	54,511	1/2	69,660	1/2	84,810	1/2	99,959	1/2	115,109	1/2	130,258	1/2	145,404
3/4	9,638	3/4	24,787	3/4	39,868	3/4	54,826	3/4	69,976	3/4	85,125	3/4	100,275	3/4	115,424	3/4	130,573	3/4	145,719
8	9,954	8	25,103	8	40,177	8	55,142	8	70,291	8	85,441	8	100,590	8	115,740	8	130,889	8	146,035
1/4	10,270	1/4	25,419	1/4	40,486	1/4	55,458	1/4	70,607	1/4	85,757	1/4	100,906	1/4	116,055	1/4	131,205	1/4	146,350
1/2	10,585	1/2	25,734	1/2	40,795	1/2	55,773	1/2	70,923	1/2	86,072	1/2	101,222	1/2	116,371	1/2	131,520	1/2	146,666
3/4	10,901	3/4	26,050	3/4	41,104	3/4	56,089	3/4	71,238	3/4	86,388	3/4	101,537	3/4	116,687	3/4	131,836	3/4	146,981
9	11,216	9	26,365	9	41,413	9	56,404	9	71,554	9	86,703	9	101,853	9	117,002	9	132,151	9	147,297
1/4	11,532	1/4	26,681	1/4	41,722	1/4	56,720	1/4	71,870	1/4	87,019	1/4	102,168	1/4	117,318	1/4	132,467	1/4	147,612
1/2	11,848	1/2	26,997	1/2	42,031	1/2	57,036	1/2	72,185	1/2	87,335	1/2	102,484	1/2	117,633	1/2	132,782	1/2	147,928
3/4	12,163	3/4	27,312	3/4	42,340	3/4	57,351	3/4	72,501	3/4	87,650	3/4	102,800	3/4	117,949	3/4	133,098	3/4	148,243
10	12,479	10	27,628	10	42,649	10	57,667	10	72,816	10	87,966	10	103,115	10	118,265	10	133,413	10	148,559
1/4	12,794	1/4	27,943	1/4	42,958	1/4	57,983	1/4	73,132	1/4	88,281	1/4	103,431	1/4	118,580	1/4	133,729	1/4	148,874
1/2	13,110	1/2	28,259	1/2	43,267	1/2	58,298	1/2	73,448	1/2	88,597	1/2	103,746	1/2	118,896	1/2	134,044	1/2	149,190
3/4	13,426	3/4	28,575	3/4	43,576	3/4	58,614	3/4	73,763	3/4	88,913	3/4	104,062	3/4	119,212	3/4	134,360	3/4	149,506
11	13,741	11	28,890	11	43,885	11	58,929	11	74,079	11	89,228	11	104,378	11	119,527	11	134,675	11	149,821
1/4	14,057	1/4	29,206	1/4	44,194	1/4	59,245	1/4	74,394	1/4	89,544	1/4	104,693	1/4	119,843	1/4	134,991	1/4	150,137
1/2	14,372	1/2	29,521	1/2	44,503	1/2	59,561	1/2	74,710	1/2	89,860	1/2	105,009	1/2	120,158	1/2	135,306	1/2	150,452
3/4	14,688	3/4	29,837	3/4	44,813	3/4	59,876	3/4	75,026	3/4	90,175	3/4	105,325	3/4	120,474	3/4	135,622	3/4	150,768

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPIMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net



BARGE JBC 314"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
0	151,083	0	166,229	0	181,303	0	196,361	0	211,332	0	211,332	0	0	0	0	0	0	0	0	0	0
1/4	151,399	1/4	166,544	1/4	181,616	1/4	196,675	1/4	211,634	1/4	211,634	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,714	1/2	166,860	1/2	181,930	1/2	196,988	1/2	211,936	1/2	211,936	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,030	3/4	167,176	3/4	182,244	3/4	197,302	3/4	212,238	3/4	212,238	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,345	1	167,491	1	182,557	1	197,616	1	212,540	1	212,540	1	1	1	1	1	1	1	1	1	1
1/4	152,661	1/4	167,807	1/4	182,871	1/4	197,929	1/4	212,803	1/4	212,803	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,976	1/2	168,122	1/2	183,185	1/2	198,243	1/2	213,067	1/2	213,067	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,292	3/4	168,438	3/4	183,499	3/4	198,557	3/4	213,330	3/4	213,330	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,608	2	168,753	2	183,812	2	198,870	2	213,593	2	213,593	2	2	2	2	2	2	2	2	2	2
1/4	153,923	1/4	169,067	1/4	184,126	1/4	199,184	1/4	213,805	1/4	213,805	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,239	1/2	169,381	1/2	184,440	1/2	199,498	1/2	214,016	1/2	214,016	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,554	3/4	169,695	3/4	184,753	3/4	199,812	3/4	214,228	3/4	214,228	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,870	3	170,009	3	185,067	3	200,125	3	214,440	3	214,440	3	3	3	3	3	3	3	3	3	3
1/4	155,185	1/4	170,323	1/4	185,381	1/4	200,439	1/4	214,599	1/4	214,599	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,501	1/2	170,636	1/2	185,695	1/2	200,753	1/2	214,758	1/2	214,758	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,816	3/4	170,950	3/4	186,008	3/4	201,066	3/4	214,917	3/4	214,917	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,132	4	171,264	4	186,322	4	201,380	4	215,076	4	215,076	4	4	4	4	4	4	4	4	4	4
1/4	156,447	1/4	171,578	1/4	186,636	1/4	201,694	1/4	215,235	1/4	215,235	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,763	1/2	171,891	1/2	186,949	1/2	202,008	1/2	215,394	1/2	215,394	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,078	3/4	172,205	3/4	187,263	3/4	202,321	3/4	215,553	3/4	215,553	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,394	5	172,519	5	187,577	5	202,635	5	215,712	5	215,712	5	5	5	5	5	5	5	5	5	5
1/4	157,709	1/4	172,832	1/4	187,891	1/4	202,949	1/4	215,871	1/4	215,871	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,025	1/2	173,146	1/2	188,204	1/2	203,262	1/2	216,030	1/2	216,030	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,341	3/4	173,460	3/4	188,518	3/4	203,576	3/4	216,189	3/4	216,189	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,656	6	173,774	6	188,832	6	203,890	6	216,348	6	216,348	6	6	6	6	6	6	6	6	6	6
1/4	158,972	1/4	174,087	1/4	189,145	1/4	204,204	1/4	216,507	1/4	216,507	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,287	1/2	174,401	1/2	189,459	1/2	204,517	1/2	216,666	1/2	216,666	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,603	3/4	174,715	3/4	189,773	3/4	204,831	3/4	216,825	3/4	216,825	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,918	7	175,028	7	190,087	7	205,145	7	216,984	7	216,984	7	7	7	7	7	7	7	7	7	7
1/4	160,234	1/4	175,342	1/4	190,400	1/4	205,458	1/4	217,143	1/4	217,143	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,549	1/2	175,656	1/2	190,714	1/2	205,772	1/2	217,302	1/2	217,302	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,865	3/4	175,970	3/4	191,028	3/4	206,086	3/4	217,461	3/4	217,461	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,180	8	176,283	8	191,341	8	206,399	8	217,620	8	217,620	8	8	8	8	8	8	8	8	8	8
1/4	161,496	1/4	176,597	1/4	191,655	1/4	206,713	1/4	217,779	1/4	217,779	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,811	1/2	176,911	1/2	191,969	1/2	207,027	1/2	217,938	1/2	217,938	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,127	3/4	177,224	3/4	192,283	3/4	207,341	3/4	218,097	3/4	218,097	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,443	9	177,538	9	192,596	9	207,654	9	218,256	9	218,256	9	9	9	9	9	9	9	9	9	9
1/4	162,758	1/4	177,852	1/4	192,910	1/4	207,968	1/4	218,415	1/4	218,415	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,074	1/2	178,166	1/2	193,224	1/2	208,282	1/2	218,574	1/2	218,574	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,389	3/4	178,479	3/4	193,537	3/4	208,596	3/4	218,733	3/4	218,733	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,705	10	178,793	10	193,851	10	208,910	10	218,892	10	218,892	10	10	10	10	10	10	10	10	10	10
1/4	164,020	1/4	179,107	1/4	194,165	1/4	209,224	1/4	219,051	1/4	219,051	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,336	1/2	179,420	1/2	194,479	1/2	209,538	1/2	219,210	1/2	219,210	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,651	3/4	179,734	3/4	194,793	3/4	209,852	3/4	219,369	3/4	219,369	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	164,967	11	180,048	11	195,106	11	210,101	11	219,528	11	219,528	11	11	11	11	11	11	11	11	11	11
1/4	165,282	1/4	180,361	1/4	195,420	1/4	210,409	1/4	219,687	1/4	219,687	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,598	1/2	180,675	1/2	195,733	1/2	210,717	1/2	219,846	1/2	219,846	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,913	3/4	180,989	3/4	196,047	3/4	211,024	3/4	219,999	3/4	219,999	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

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



BARGE CBC 314"

2 STBL

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	593	0	15,011	0	30,167	0	45,038	0	60,143	0	75,300	0	90,456	0	105,613	0	120,770	0	135,926
1/4	780	1/4	15,327	1/4	30,483	1/4	45,346	1/4	60,458	1/4	75,615	1/4	90,772	1/4	105,929	1/4	121,086	1/4	136,241
1/2	968	1/2	15,643	1/2	30,799	1/2	45,663	1/2	60,774	1/2	75,931	1/2	91,088	1/2	106,245	1/2	121,402	1/2	136,557
3/4	1,155	3/4	15,958	3/4	31,115	3/4	45,961	3/4	61,090	3/4	76,247	3/4	91,404	3/4	106,561	3/4	121,718	3/4	136,873
1	1,343	1	16,274	1	31,430	1	46,268	1	61,405	1	76,563	1	91,720	1	106,876	1	122,033	1	137,188
1/4	1,609	1/4	16,590	1/4	31,746	1/4	46,581	1/4	61,722	1/4	76,878	1/4	92,035	1/4	107,192	1/4	122,349	1/4	137,504
1/2	1,876	1/2	16,906	1/2	32,062	1/2	46,894	1/2	62,037	1/2	77,194	1/2	92,351	1/2	107,508	1/2	122,665	1/2	137,820
3/4	2,142	3/4	17,221	3/4	32,378	3/4	47,207	3/4	62,353	3/4	77,510	3/4	92,667	3/4	107,824	3/4	122,981	3/4	138,135
2	2,408	2	17,537	2	32,694	2	47,523	2	62,669	2	77,826	2	92,983	2	108,139	2	123,296	2	138,451
1/4	2,718	1/4	17,853	1/4	33,009	1/4	47,834	1/4	62,985	1/4	78,141	1/4	93,298	1/4	108,455	1/4	123,612	1/4	138,767
1/2	3,027	1/2	18,169	1/2	33,325	1/2	48,148	1/2	63,300	1/2	78,457	1/2	93,614	1/2	108,771	1/2	123,928	1/2	139,083
3/4	3,337	3/4	18,484	3/4	33,641	3/4	48,462	3/4	63,616	3/4	78,773	3/4	93,930	3/4	109,087	3/4	124,244	3/4	139,398
3	3,646	3	18,800	3	33,957	3	48,776	3	63,932	3	79,089	3	94,246	3	109,403	3	124,559	3	139,714
1/4	3,952	1/4	19,116	1/4	34,266	1/4	49,091	1/4	64,248	1/4	79,405	1/4	94,561	1/4	109,718	1/4	124,875	1/4	140,030
1/2	4,277	1/2	19,432	1/2	34,575	1/2	49,407	1/2	64,563	1/2	79,720	1/2	94,877	1/2	110,034	1/2	125,191	1/2	140,346
3/4	4,592	3/4	19,747	3/4	34,884	3/4	49,723	3/4	64,879	3/4	80,036	3/4	95,193	3/4	110,350	3/4	125,507	3/4	140,661
4	4,907	4	20,063	4	35,193	4	50,038	4	65,195	4	80,352	4	95,509	4	110,666	4	125,823	4	140,977
1/4	5,223	1/4	20,379	1/4	35,502	1/4	50,354	1/4	65,511	1/4	80,668	1/4	95,825	1/4	110,981	1/4	126,138	1/4	141,292
1/2	5,538	1/2	20,695	1/2	35,810	1/2	50,670	1/2	65,826	1/2	80,983	1/2	96,140	1/2	111,297	1/2	126,454	1/2	141,608
3/4	5,854	3/4	21,010	3/4	36,118	3/4	50,985	3/4	66,142	3/4	81,299	3/4	96,456	3/4	111,613	3/4	126,770	3/4	141,924
5	6,170	5	21,326	5	36,426	5	51,301	5	66,468	5	81,615	5	96,772	5	111,929	5	127,086	5	142,239
1/4	6,486	1/4	21,642	1/4	36,734	1/4	51,617	1/4	66,774	1/4	81,931	1/4	97,088	1/4	112,244	1/4	127,401	1/4	142,555
1/2	6,801	1/2	21,958	1/2	37,042	1/2	51,933	1/2	67,090	1/2	82,246	1/2	97,403	1/2	112,560	1/2	127,717	1/2	142,871
3/4	7,117	3/4	22,273	3/4	37,349	3/4	52,248	3/4	67,405	3/4	82,562	3/4	97,719	3/4	112,876	3/4	128,033	3/4	143,187
6	7,433	6	22,589	6	37,657	6	52,564	6	67,721	6	82,878	6	98,035	6	113,192	6	128,349	6	143,502
1/4	7,749	1/4	22,905	1/4	37,964	1/4	52,880	1/4	68,037	1/4	83,194	1/4	98,351	1/4	113,508	1/4	128,664	1/4	143,818
1/2	8,064	1/2	23,221	1/2	38,272	1/2	53,196	1/2	68,353	1/2	83,510	1/2	98,666	1/2	113,823	1/2	128,980	1/2	144,134
3/4	8,380	3/4	23,537	3/4	38,580	3/4	53,512	3/4	68,668	3/4	83,825	3/4	98,982	3/4	114,139	3/4	129,296	3/4	144,449
7	8,696	7	23,852	7	38,887	7	53,827	7	68,984	7	84,141	7	99,298	7	114,455	7	129,612	7	144,765
1/4	9,012	1/4	24,168	1/4	39,195	1/4	54,143	1/4	69,300	1/4	84,457	1/4	99,614	1/4	114,771	1/4	129,927	1/4	145,081
1/2	9,327	1/2	24,484	1/2	39,502	1/2	54,459	1/2	69,616	1/2	84,773	1/2	99,930	1/2	115,086	1/2	130,243	1/2	145,396
3/4	9,643	3/4	24,800	3/4	39,810	3/4	54,775	3/4	69,931	3/4	85,088	3/4	100,245	3/4	115,402	3/4	130,559	3/4	145,712
8	9,959	8	25,115	8	40,117	8	55,090	8	70,247	8	85,404	8	100,561	8	115,718	8	130,875	8	146,028
1/4	10,275	1/4	25,431	1/4	40,425	1/4	55,406	1/4	70,563	1/4	85,720	1/4	100,877	1/4	116,034	1/4	131,190	1/4	146,343
1/2	10,590	1/2	25,747	1/2	40,732	1/2	55,722	1/2	70,879	1/2	86,036	1/2	101,193	1/2	116,349	1/2	131,506	1/2	146,659
3/4	10,906	3/4	26,063	3/4	41,040	3/4	56,038	3/4	71,195	3/4	86,351	3/4	101,508	3/4	116,665	3/4	131,822	3/4	146,975
9	11,222	9	26,378	9	41,347	9	56,353	9	71,510	9	86,667	9	101,824	9	116,981	9	132,137	9	147,290
1/4	11,538	1/4	26,694	1/4	41,655	1/4	56,669	1/4	71,826	1/4	86,983	1/4	102,140	1/4	117,297	1/4	132,453	1/4	147,606
1/2	11,853	1/2	27,010	1/2	41,963	1/2	56,985	1/2	72,142	1/2	87,299	1/2	102,456	1/2	117,613	1/2	132,769	1/2	147,922
3/4	12,169	3/4	27,326	3/4	42,270	3/4	57,301	3/4	72,458	3/4	87,615	3/4	102,771	3/4	117,928	3/4	133,084	3/4	148,238
10	12,485	10	27,641	10	42,578	10	57,617	10	72,773	10	87,930	10	103,087	10	118,244	10	133,400	10	148,553
1/4	12,801	1/4	27,957	1/4	42,885	1/4	57,932	1/4	73,089	1/4	88,246	1/4	103,403	1/4	118,560	1/4	133,716	1/4	148,869
1/2	13,116	1/2	28,273	1/2	43,193	1/2	58,248	1/2	73,405	1/2	88,562	1/2	103,719	1/2	118,876	1/2	134,031	1/2	149,185
3/4	13,432	3/4	28,589	3/4	43,500	3/4	58,564	3/4	73,721	3/4	88,878	3/4	104,035	3/4	119,191	3/4	134,347	3/4	149,500
11	13,748	11	28,904	11	43,808	11	58,880	11	74,036	11	89,193	11	104,350	11	119,507	11	134,663	11	149,816
1/4	14,064	1/4	29,220	1/4	44,115	1/4	59,195	1/4	74,352	1/4	89,509	1/4	104,666	1/4	119,823	1/4	134,979	1/4	150,132
1/2	14,379	1/2	29,536	1/2	44,423	1/2	59,511	1/2	74,668	1/2	89,825	1/2	104,982	1/2	120,139	1/2	135,294	1/2	150,447
3/4	14,695	3/4	29,852	3/4	44,730	3/4	59,827	3/4	74,984	3/4	90,141	3/4	105,298	3/4	120,454	3/4	135,610	3/4	150,763

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 THREADS ON "MIMC" VALVE.
 GAUGE POINT: (MIMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE JBC 314"

2 STBL INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	151,079	0	166,232	0	181,313	0	196,379	0	211,357	0	226,257	0	241,088	0	255,850	0	270,543	0	285,167
1/4	151,394	1/4	166,548	1/4	181,627	1/4	196,693	1/4	211,659	1/4	226,559	1/4	241,390	1/4	256,152	1/4	270,845	1/4	285,469
1/2	151,710	1/2	166,863	1/2	181,941	1/2	197,006	1/2	211,962	1/2	226,874	1/2	241,705	1/2	256,467	1/2	271,160	1/2	285,784
3/4	152,026	3/4	167,179	3/4	182,255	3/4	197,320	3/4	212,264	3/4	227,192	3/4	242,039	3/4	256,781	3/4	271,515	3/4	286,100
1	152,342	1	167,495	1	182,569	1	197,634	1	212,566	1	227,517	1	242,372	1	257,123	1	271,910	1	286,415
1/4	152,657	1/4	167,810	1/4	182,882	1/4	197,948	1/4	212,829	1/4	227,780	1/4	242,639	1/4	257,383	1/4	272,217	1/4	286,730
1/2	152,973	1/2	168,126	1/2	183,196	1/2	198,262	1/2	213,093	1/2	228,092	1/2	242,900	1/2	257,636	1/2	272,522	1/2	287,045
3/4	153,289	3/4	168,442	3/4	183,510	3/4	198,576	3/4	213,356	3/4	228,420	3/4	243,159	3/4	257,889	3/4	272,829	3/4	287,360
2	153,604	2	168,757	2	183,824	2	198,890	2	213,619	2	228,734	2	243,418	2	258,142	2	273,134	2	287,675
1/4	153,920	1/4	169,072	1/4	184,138	1/4	199,203	1/4	213,831	1/4	229,048	1/4	243,677	1/4	258,395	1/4	273,439	1/4	287,990
1/2	154,236	1/2	169,386	1/2	184,452	1/2	199,517	1/2	214,043	1/2	229,362	1/2	243,936	1/2	258,648	1/2	273,744	1/2	288,305
3/4	154,551	3/4	169,700	3/4	184,766	3/4	199,831	3/4	214,255	3/4	229,676	3/4	244,195	3/4	258,901	3/4	274,049	3/4	288,620
3	154,867	3	170,014	3	185,079	3	200,145	3	214,467	3	229,989	3	244,454	3	259,154	3	274,354	3	288,935
1/4	155,183	1/4	170,328	1/4	185,393	1/4	200,459	1/4	214,626	1/4	230,303	1/4	244,713	1/4	259,407	1/4	274,659	1/4	289,250
1/2	155,498	1/2	170,642	1/2	185,707	1/2	200,773	1/2	214,785	1/2	230,617	1/2	244,972	1/2	259,660	1/2	274,964	1/2	289,565
3/4	155,814	3/4	170,955	3/4	186,021	3/4	201,087	3/4	214,944	3/4	230,931	3/4	245,231	3/4	259,913	3/4	275,269	3/4	289,880
4	156,130	4	171,269	4	186,335	4	201,401	4	215,103	4	231,245	4	245,490	4	260,166	4	275,574	4	290,195
1/4	156,446	1/4	171,583	1/4	186,649	1/4	201,714	1/4	215,262	1/4	231,559	1/4	245,749	1/4	260,419	1/4	275,879	1/4	290,510
1/2	156,761	1/2	171,897	1/2	186,963	1/2	202,028	1/2	215,421	1/2	231,873	1/2	246,008	1/2	260,672	1/2	276,184	1/2	290,825
3/4	157,077	3/4	172,211	3/4	187,277	3/4	202,342	3/4	215,580	3/4	232,187	3/4	246,267	3/4	260,925	3/4	276,489	3/4	291,140
5	157,393	5	172,525	5	187,590	5	202,656	5	215,738	5	232,501	5	246,526	5	261,178	5	276,794	5	291,455
1/4	157,708	1/4	172,839	1/4	187,904	1/4	202,970	1/4	215,897	1/4	232,815	1/4	246,785	1/4	261,431	1/4	277,099	1/4	291,770
1/2	158,024	1/2	173,153	1/2	188,218	1/2	203,284	1/2	216,056	1/2	233,129	1/2	247,044	1/2	261,684	1/2	277,404	1/2	292,085
3/4	158,340	3/4	173,466	3/4	188,532	3/4	203,598	3/4	216,215	3/4	233,443	3/4	247,303	3/4	261,937	3/4	277,709	3/4	292,400
6	158,655	6	173,780	6	188,846	6	203,911	6	216,374	6	233,757	6	247,562	6	262,190	6	278,014	6	292,715
1/4	158,971	1/4	174,094	1/4	189,160	1/4	204,225	1/4	216,535	1/4	234,071	1/4	247,821	1/4	262,443	1/4	278,319	1/4	293,030
1/2	159,287	1/2	174,408	1/2	189,474	1/2	204,539	1/2	216,696	1/2	234,385	1/2	248,080	1/2	262,696	1/2	278,624	1/2	293,345
3/4	159,602	3/4	174,722	3/4	189,787	3/4	204,853	3/4	216,857	3/4	234,699	3/4	248,339	3/4	262,949	3/4	278,929	3/4	293,660
7	159,918	7	175,036	7	190,101	7	205,167	7	217,018	7	235,013	7	248,598	7	263,202	7	279,234	7	293,975
1/4	160,234	1/4	175,350	1/4	190,415	1/4	205,478	1/4	217,179	1/4	235,327	1/4	248,857	1/4	263,455	1/4	279,539	1/4	294,290
1/2	160,550	1/2	175,663	1/2	190,729	1/2	205,788	1/2	217,340	1/2	235,641	1/2	249,116	1/2	263,708	1/2	279,844	1/2	294,605
3/4	160,865	3/4	175,977	3/4	191,043	3/4	206,099	3/4	217,501	3/4	235,955	3/4	249,375	3/4	263,961	3/4	280,149	3/4	294,920
8	161,181	8	176,291	8	191,357	8	206,410	8	217,662	8	236,269	8	249,634	8	264,214	8	280,454	8	295,235
1/4	161,497	1/4	176,605	1/4	191,671	1/4	206,720	1/4	217,823	1/4	236,583	1/4	249,893	1/4	264,467	1/4	280,759	1/4	295,550
1/2	161,812	1/2	176,919	1/2	191,985	1/2	207,030	1/2	217,984	1/2	236,897	1/2	250,152	1/2	264,720	1/2	281,064	1/2	295,865
3/4	162,128	3/4	177,233	3/4	192,298	3/4	207,341	3/4	218,145	3/4	237,211	3/4	250,411	3/4	264,973	3/4	281,369	3/4	296,180
9	162,444	9	177,547	9	192,612	9	207,651	9	218,306	9	237,525	9	250,670	9	265,226	9	281,674	9	296,495
1/4	162,759	1/4	177,861	1/4	192,926	1/4	207,960	1/4	218,467	1/4	237,839	1/4	250,929	1/4	265,479	1/4	281,979	1/4	296,810
1/2	163,075	1/2	178,174	1/2	193,240	1/2	208,270	1/2	218,628	1/2	238,153	1/2	251,188	1/2	265,732	1/2	282,284	1/2	297,125
3/4	163,391	3/4	178,488	3/4	193,554	3/4	208,580	3/4	218,789	3/4	238,467	3/4	251,447	3/4	265,985	3/4	282,589	3/4	297,440
10	163,706	10	178,802	10	193,868	10	208,890	10	218,948	10	238,781	10	251,706	10	266,238	10	282,894	10	297,755
1/4	164,022	1/4	179,116	1/4	194,182	1/4	209,199	1/4	219,109	1/4	239,095	1/4	251,965	1/4	266,491	1/4	283,199	1/4	298,070
1/2	164,338	1/2	179,430	1/2	194,495	1/2	209,508	1/2	219,270	1/2	239,409	1/2	252,224	1/2	266,744	1/2	283,504	1/2	298,385
3/4	164,653	3/4	179,744	3/4	194,809	3/4	209,817	3/4	219,431	3/4	239,723	3/4	252,483	3/4	266,997	3/4	283,809	3/4	298,700
11	164,969	11	180,058	11	195,123	11	210,126	11	219,592	11	240,037	11	252,742	11	267,250	11	284,114	11	299,015
1/4	165,285	1/4	180,371	1/4	195,437	1/4	210,434	1/4	219,753	1/4	240,351	1/4	253,001	1/4	267,503	1/4	284,419	1/4	299,330
1/2	165,601	1/2	180,685	1/2	195,751	1/2	210,741	1/2	219,914	1/2	240,665	1/2	253,260	1/2	267,756	1/2	284,724	1/2	299,645
3/4	165,916	3/4	180,999	3/4	196,065	3/4	211,049	3/4	220,074	3/4	240,979	3/4	253,519	3/4	268,009	3/4	285,029	3/4	299,960

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77586
 http://www.pmacorp.net



BARGE JBC 314"

3 POR. INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	15,474	0	31,091	0	46,434	0	61,852	0	77,435	0	93,016	0	108,547	0	124,116	0	139,687	0
1/4	804	15,800	1/4	31,416	1/4	46,750	1/4	62,177	1/4	77,760	1/4	93,340	1/4	108,871	1/4	124,440	1/4	140,011	1/4
1/2	997	16,125	1/2	31,740	1/2	47,067	1/2	62,501	1/2	78,085	1/2	93,663	1/2	109,195	1/2	124,764	1/2	140,336	1/2
3/4	1,190	16,451	3/4	32,065	3/4	47,383	3/4	62,826	3/4	78,409	3/4	93,987	3/4	109,520	3/4	125,089	3/4	140,660	3/4
1	1,384	16,776	1	32,389	1	47,699	1	63,151	1	78,734	1	94,310	1	109,844	1	125,413	1	140,984	1
1/4	1,578	17,102	1/4	32,714	1/4	48,015	1/4	63,475	1/4	79,059	1/4	94,634	1/4	110,168	1/4	125,738	1/4	141,309	1/4
1/2	1,772	17,427	1/2	33,038	1/2	48,332	1/2	63,800	1/2	79,383	1/2	94,957	1/2	110,492	1/2	126,062	1/2	141,633	1/2
3/4	1,966	17,753	3/4	33,363	3/4	48,648	3/4	64,125	3/4	79,708	3/4	95,281	3/4	110,816	3/4	126,386	3/4	141,957	3/4
1	2,160	18,078	1	33,687	1	48,965	1	64,449	1	80,033	1	95,605	1	111,140	1	126,711	1	142,282	1
1/4	2,354	18,404	1/4	34,012	1/4	49,281	1/4	64,774	1/4	80,357	1/4	95,928	1/4	111,464	1/4	127,035	1/4	142,606	1/4
1/2	2,548	18,729	1/2	34,336	1/2	49,598	1/2	65,099	1/2	80,682	1/2	96,252	1/2	111,789	1/2	127,360	1/2	142,931	1/2
3/4	2,742	19,055	3/4	34,661	3/4	49,914	3/4	65,423	3/4	81,007	3/4	96,575	3/4	112,113	3/4	127,684	3/4	143,255	3/4
1	2,936	19,380	1	34,985	1	50,231	1	65,748	1	81,331	1	96,899	1	112,437	1	128,009	1	143,579	1
1/4	3,130	19,706	1/4	35,310	1/4	50,547	1/4	66,073	1/4	81,656	1/4	97,222	1/4	112,761	1/4	128,333	1/4	143,904	1/4
1/2	3,324	20,031	1/2	35,634	1/2	50,864	1/2	66,397	1/2	81,981	1/2	97,546	1/2	113,086	1/2	128,657	1/2	144,228	1/2
3/4	3,518	20,357	3/4	35,959	3/4	51,181	3/4	66,722	3/4	82,305	3/4	97,870	3/4	113,410	3/4	128,982	3/4	144,552	3/4
1	3,712	20,682	1	36,283	1	51,498	1	67,046	1	82,630	1	98,193	1	113,734	1	129,306	1	144,877	1
1/4	3,906	21,008	1/4	36,608	1/4	51,814	1/4	67,371	1/4	82,955	1/4	98,517	1/4	114,059	1/4	129,631	1/4	145,201	1/4
1/2	4,100	21,334	1/2	36,933	1/2	52,131	1/2	67,695	1/2	83,279	1/2	98,840	1/2	114,383	1/2	129,955	1/2	145,524	1/2
3/4	4,294	21,659	3/4	37,257	3/4	52,448	3/4	68,020	3/4	83,604	3/4	99,164	3/4	114,708	3/4	130,279	3/4	145,848	3/4
1	4,488	21,985	1	37,582	1	52,765	1	68,344	1	83,929	1	99,487	1	115,032	1	130,604	1	146,172	1
1/4	4,682	22,310	1/4	37,908	1/4	53,088	1/4	68,669	1/4	84,254	1/4	99,811	1/4	115,356	1/4	130,928	1/4	146,496	1/4
1/2	4,876	22,636	1/2	38,215	1/2	53,412	1/2	68,994	1/2	84,578	1/2	100,135	1/2	115,681	1/2	131,253	1/2	146,819	1/2
3/4	5,070	22,961	3/4	38,532	3/4	53,736	3/4	69,318	3/4	84,903	3/4	100,458	3/4	116,005	3/4	131,577	3/4	147,142	3/4
1	5,264	23,287	1	38,849	1	54,060	1	69,643	1	85,228	1	100,782	1	116,330	1	131,901	1	147,466	1
1/4	5,458	23,612	1/4	39,165	1/4	54,384	1/4	69,968	1/4	85,552	1/4	101,105	1/4	116,654	1/4	132,226	1/4	147,789	1/4
1/2	5,652	23,938	1/2	39,481	1/2	54,709	1/2	70,292	1/2	85,877	1/2	101,429	1/2	116,979	1/2	132,550	1/2	148,112	1/2
3/4	5,846	24,263	3/4	39,797	3/4	55,034	3/4	70,617	3/4	86,202	3/4	101,752	3/4	117,303	3/4	132,875	3/4	148,436	3/4
1	6,040	24,589	1	40,113	1	55,358	1	70,942	1	86,526	1	102,076	1	117,627	1	133,199	1	148,759	1
1/4	6,234	24,914	1/4	40,429	1/4	55,683	1/4	71,266	1/4	86,851	1/4	102,400	1/4	117,952	1/4	133,523	1/4	149,082	1/4
1/2	6,428	25,240	1/2	40,745	1/2	56,008	1/2	71,591	1/2	87,176	1/2	102,723	1/2	118,276	1/2	133,848	1/2	149,406	1/2
3/4	6,622	25,565	3/4	41,061	3/4	56,332	3/4	71,916	3/4	87,500	3/4	103,047	3/4	118,601	3/4	134,172	3/4	149,729	3/4
1	6,816	25,891	1	41,377	1	56,657	1	72,240	1	87,825	1	103,370	1	118,926	1	134,497	1	150,052	1
1/4	7,010	26,216	1/4	41,693	1/4	56,982	1/4	72,565	1/4	88,150	1/4	103,694	1/4	119,249	1/4	134,821	1/4	150,375	1/4
1/2	7,204	26,542	1/2	42,009	1/2	57,306	1/2	72,890	1/2	88,474	1/2	104,017	1/2	119,574	1/2	135,145	1/2	150,698	1/2
3/4	7,398	26,867	3/4	42,325	3/4	57,631	3/4	73,214	3/4	88,799	3/4	104,341	3/4	119,898	3/4	135,470	3/4	151,021	3/4
1	7,592	27,193	1	42,641	1	57,956	1	73,539	1	89,124	1	104,665	1	120,223	1	135,794	1	151,344	1
1/4	7,786	27,518	1/4	42,957	1/4	58,280	1/4	73,864	1/4	89,448	1/4	104,988	1/4	120,547	1/4	136,119	1/4	151,666	1/4
1/2	7,980	27,844	1/2	43,274	1/2	58,605	1/2	74,188	1/2	89,773	1/2	105,311	1/2	120,871	1/2	136,443	1/2	151,987	1/2
3/4	8,174	28,169	3/4	43,590	3/4	58,930	3/4	74,513	3/4	90,098	3/4	105,635	3/4	121,196	3/4	136,767	3/4	152,309	3/4
1	8,368	28,495	1	43,906	1	59,254	1	74,838	1	90,422	1	105,958	1	121,520	1	137,092	1	152,630	1
1/4	8,562	28,820	1/4	44,222	1/4	59,579	1/4	75,163	1/4	90,747	1/4	106,281	1/4	121,845	1/4	137,416	1/4	152,953	1/4
1/2	8,756	29,144	1/2	44,538	1/2	59,904	1/2	75,487	1/2	91,072	1/2	106,604	1/2	122,169	1/2	137,740	1/2	153,275	1/2
3/4	8,950	29,469	3/4	44,854	3/4	60,228	3/4	75,812	3/4	91,396	3/4	106,928	3/4	122,494	3/4	138,065	3/4	153,597	3/4
1	9,144	29,793	1	45,170	1	60,553	1	76,137	1	91,721	1	107,251	1	122,818	1	138,389	1	153,919	1
1/4	9,338	30,118	1/4	45,486	1/4	60,878	1/4	76,461	1/4	92,045	1/4	107,575	1/4	123,142	1/4	138,714	1/4	154,240	1/4
1/2	9,532	30,442	1/2	45,802	1/2	61,202	1/2	76,786	1/2	92,369	1/2	107,899	1/2	123,467	1/2	139,038	1/2	154,560	1/2
3/4	9,726	30,767	3/4	46,118	3/4	61,527	3/4	77,111	3/4	92,692	3/4	108,223	3/4	123,791	3/4	139,362	3/4	154,880	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
<http://www.pmacorp.net>



BARGE JBC 314"

3 POR. INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	155,080	0	167,391	0	179,337	0	191,272	0	203,139	0	215,006	0	226,873	0	238,740	0	250,607	0	262,474
1/4	155,368	1/4	167,641	1/4	179,586	1/4	191,520	1/4	203,378	1/4	215,245	1/4	227,112	1/4	238,979	1/4	250,846	1/4	262,713
1/2	155,655	1/2	167,891	1/2	179,834	1/2	191,769	1/2	203,618	1/2	215,498	1/2	227,365	1/2	239,232	1/2	251,113	1/2	262,980
3/4	155,942	3/4	168,141	3/4	180,083	3/4	192,018	3/4	203,857	3/4	215,786	3/4	227,653	3/4	239,519	3/4	251,386	3/4	263,267
1	156,230	1	168,391	1	180,332	1	192,266	1	204,097	1	215,925	1	227,792	1	239,659	1	251,524	1	263,505
1/4	156,505	1/4	168,641	1/4	180,580	1/4	192,515	1/4	204,305	1/4	216,172	1/4	228,039	1/4	239,906	1/4	251,774	1/4	263,774
1/2	156,780	1/2	168,891	1/2	180,829	1/2	192,763	1/2	204,514	1/2	216,386	1/2	228,254	1/2	240,120	1/2	252,003	1/2	264,043
3/4	157,055	3/4	169,141	3/4	181,077	3/4	193,012	3/4	204,723	3/4	216,597	3/4	228,465	3/4	240,331	3/4	252,212	3/4	264,312
2	157,330	2	169,391	2	181,326	2	193,261	2	204,931	2	216,806	2	228,674	2	240,540	2	252,421	2	264,581
1/4	157,592	1/4	169,640	1/4	181,575	1/4	193,509	1/4	205,099	1/4	217,015	1/4	228,883	1/4	240,749	1/4	252,630	1/4	264,850
1/2	157,854	1/2	169,888	1/2	181,823	1/2	193,758	1/2	205,267	1/2	217,224	1/2	229,092	1/2	240,958	1/2	252,839	1/2	265,119
3/4	158,116	3/4	170,137	3/4	182,072	3/4	194,007	3/4	205,435	3/4	217,433	3/4	229,301	3/4	241,167	3/4	253,048	3/4	265,388
3	158,379	3	170,386	3	182,321	3	194,255	3	205,603	3	217,642	3	229,510	3	241,376	3	253,257	3	265,657
1/4	158,632	1/4	170,635	1/4	182,569	1/4	194,504	1/4	205,772	1/4	217,851	1/4	229,719	1/4	241,585	1/4	253,466	1/4	265,926
1/2	158,884	1/2	170,883	1/2	182,818	1/2	194,753	1/2	205,955	1/2	218,060	1/2	230,028	1/2	241,794	1/2	253,675	1/2	266,195
3/4	159,137	3/4	171,132	3/4	183,067	3/4	195,001	3/4	206,123	3/4	218,269	3/4	230,237	3/4	242,003	3/4	253,884	3/4	266,464
4	159,390	4	171,381	4	183,315	4	195,250	4	206,291	4	218,478	4	230,446	4	242,212	4	254,093	4	266,733
1/4	159,640	1/4	171,629	1/4	183,564	1/4	195,499	1/4	206,460	1/4	218,687	1/4	230,655	1/4	242,421	1/4	254,302	1/4	267,002
1/2	159,890	1/2	171,878	1/2	183,812	1/2	195,747	1/2	206,628	1/2	218,896	1/2	230,864	1/2	242,630	1/2	254,511	1/2	267,271
3/4	160,140	3/4	172,126	3/4	184,061	3/4	195,996	3/4	206,797	3/4	219,105	3/4	231,073	3/4	242,839	3/4	254,720	3/4	267,540
5	160,390	5	172,375	5	184,310	5	196,244	5	206,965	5	219,314	5	231,282	5	243,048	5	254,929	5	267,809
1/4	160,641	1/4	172,624	1/4	184,558	1/4	196,493	1/4	207,133	1/4	219,523	1/4	231,491	1/4	243,257	1/4	255,138	1/4	268,078
1/2	160,891	1/2	172,872	1/2	184,807	1/2	196,742	1/2	207,301	1/2	219,732	1/2	231,700	1/2	243,466	1/2	255,347	1/2	268,347
3/4	161,141	3/4	173,121	3/4	185,056	3/4	196,991	3/4	207,470	3/4	220,041	3/4	231,909	3/4	243,675	3/4	255,556	3/4	268,616
6	161,391	6	173,370	6	185,304	6	197,239	6	207,638	6	220,250	6	232,118	6	243,884	6	255,765	6	268,885
1/4	161,641	1/4	173,618	1/4	185,553	1/4	197,488	1/4	207,806	1/4	220,459	1/4	232,327	1/4	244,093	1/4	255,974	1/4	269,154
1/2	161,891	1/2	173,867	1/2	185,802	1/2	197,736	1/2	207,975	1/2	220,668	1/2	232,536	1/2	244,302	1/2	256,183	1/2	269,423
3/4	162,141	3/4	174,116	3/4	186,050	3/4	197,985	3/4	208,143	3/4	220,877	3/4	232,745	3/4	244,511	3/4	256,392	3/4	269,692
7	162,391	7	174,364	7	186,299	7	198,234	7	208,311	7	221,086	7	232,954	7	244,720	7	256,601	7	269,961
1/4	162,641	1/4	174,613	1/4	186,548	1/4	198,483	1/4	208,479	1/4	221,295	1/4	233,163	1/4	244,929	1/4	256,810	1/4	270,230
1/2	162,891	1/2	174,862	1/2	186,796	1/2	198,732	1/2	208,648	1/2	221,504	1/2	233,372	1/2	245,138	1/2	257,019	1/2	270,499
3/4	163,141	3/4	175,110	3/4	187,045	3/4	198,977	3/4	208,816	3/4	221,713	3/4	233,581	3/4	245,347	3/4	257,228	3/4	270,768
8	163,391	8	175,359	8	187,293	8	199,219	8	208,985	8	221,922	8	233,790	8	245,556	8	257,437	8	271,037
1/4	163,641	1/4	175,607	1/4	187,542	1/4	199,464	1/4	209,153	1/4	222,131	1/4	234,000	1/4	245,765	1/4	257,646	1/4	271,306
1/2	163,891	1/2	175,856	1/2	187,791	1/2	199,710	1/2	209,321	1/2	222,340	1/2	234,209	1/2	245,974	1/2	257,855	1/2	271,575
3/4	164,141	3/4	176,105	3/4	188,039	3/4	199,956	3/4	209,490	3/4	222,549	3/4	234,418	3/4	246,183	3/4	258,064	3/4	271,844
9	164,391	9	176,353	9	188,288	9	200,202	9	209,659	9	222,758	9	234,627	9	246,392	9	258,273	9	272,113
1/4	164,641	1/4	176,602	1/4	188,537	1/4	200,447	1/4	209,828	1/4	222,967	1/4	234,836	1/4	246,601	1/4	258,482	1/4	272,382
1/2	164,891	1/2	176,851	1/2	188,785	1/2	200,693	1/2	210,000	1/2	223,176	1/2	235,045	1/2	246,810	1/2	258,691	1/2	272,651
3/4	165,141	3/4	177,099	3/4	189,034	3/4	200,938	3/4	210,169	3/4	223,385	3/4	235,254	3/4	247,019	3/4	258,900	3/4	272,920
10	165,391	10	177,348	10	189,283	10	201,184	10	210,338	10	223,594	10	235,463	10	247,228	10	259,109	10	273,189
1/4	165,641	1/4	177,597	1/4	189,531	1/4	201,428	1/4	210,507	1/4	223,803	1/4	235,672	1/4	247,437	1/4	259,318	1/4	273,458
1/2	165,891	1/2	177,845	1/2	189,780	1/2	201,673	1/2	210,676	1/2	224,012	1/2	235,881	1/2	247,646	1/2	259,527	1/2	273,727
3/4	166,141	3/4	178,094	3/4	190,028	3/4	201,918	3/4	210,845	3/4	224,221	3/4	236,090	3/4	247,855	3/4	259,736	3/4	274,000
11	166,391	11	178,342	11	190,277	11	202,163	11	211,019	11	224,430	11	236,300	11	248,064	11	259,945	11	274,269
1/4	166,641	1/4	178,591	1/4	190,526	1/4	202,407	1/4	211,188	1/4	224,639	1/4	236,509	1/4	248,273	1/4	260,154	1/4	274,538
1/2	166,891	1/2	178,840	1/2	190,774	1/2	202,651	1/2	211,357	1/2	224,848	1/2	236,718	1/2	248,482	1/2	260,363	1/2	274,807
3/4	167,141	3/4	179,088	3/4	191,023	3/4	202,895	3/4	211,526	3/4	225,057	3/4	236,927	3/4	248,691	3/4	260,572	3/4	275,076

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

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



BARGE JBC 314"

3 STBL

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	610	0	15,465	0	31,072	0	46,212	0	61,488	0	77,062	0	92,633	0	108,154	0	123,713	0	139,274
1/4	803	1/4	15,790	1/4	31,396	1/4	46,521	1/4	61,812	1/4	77,386	1/4	92,956	1/4	108,478	1/4	124,037	1/4	139,599
1/2	997	1/2	16,115	1/2	31,721	1/2	46,830	1/2	62,137	1/2	77,710	1/2	93,279	1/2	108,802	1/2	124,361	1/2	139,923
3/4	1,190	3/4	16,441	3/4	32,045	3/4	47,139	3/4	62,461	3/4	78,035	3/4	93,603	3/4	109,126	3/4	124,685	3/4	140,247
1	1,383	1	16,766	1	32,369	1	47,448	1	62,766	1	78,359	1	93,926	1	109,450	1	125,010	1	140,571
1/4	1,657	1/4	17,091	1/4	32,694	1/4	47,758	1/4	63,110	1/4	78,684	1/4	94,249	1/4	109,774	1/4	125,334	1/4	140,895
1/2	1,932	1/2	17,416	1/2	33,018	1/2	48,067	1/2	63,435	1/2	79,008	1/2	94,573	1/2	110,098	1/2	125,658	1/2	141,219
3/4	2,206	3/4	17,742	3/4	33,342	3/4	48,376	3/4	63,759	3/4	79,333	3/4	94,896	3/4	110,422	3/4	125,982	3/4	141,544
2	2,481	2	18,067	2	33,667	2	48,686	2	64,084	2	79,657	2	95,220	2	110,746	2	126,307	2	141,868
1/4	2,800	1/4	18,392	1/4	33,991	1/4	48,996	1/4	64,408	1/4	79,982	1/4	95,543	1/4	111,070	1/4	126,631	1/4	142,192
1/2	3,118	1/2	18,718	1/2	34,315	1/2	49,306	1/2	64,733	1/2	80,306	1/2	95,866	1/2	111,394	1/2	126,955	1/2	142,516
3/4	3,437	3/4	19,043	3/4	34,639	3/4	49,616	3/4	65,057	3/4	80,631	3/4	96,190	3/4	111,717	3/4	127,279	3/4	142,840
3	3,756	3	19,368	3	34,964	3	49,926	3	65,382	3	80,955	3	96,513	3	112,041	3	127,603	3	143,165
1/4	4,081	1/4	19,694	1/4	35,288	1/4	50,236	1/4	65,706	1/4	81,280	1/4	96,836	1/4	112,366	1/4	127,928	1/4	143,489
1/2	4,406	1/2	20,019	1/2	35,612	1/2	50,547	1/2	66,030	1/2	81,604	1/2	97,160	1/2	112,690	1/2	128,252	1/2	143,813
3/4	4,730	3/4	20,344	3/4	35,937	3/4	50,857	3/4	66,355	3/4	81,929	3/4	97,483	3/4	113,014	3/4	128,576	3/4	144,137
4	5,055	4	20,670	4	36,261	4	51,168	4	66,679	4	82,253	4	97,807	4	113,338	4	128,900	4	144,461
1/4	5,380	1/4	20,995	1/4	36,585	1/4	51,478	1/4	67,003	1/4	82,578	1/4	98,130	1/4	113,662	1/4	129,224	1/4	144,785
1/2	5,705	1/2	21,320	1/2	36,908	1/2	51,789	1/2	67,328	1/2	82,902	1/2	98,453	1/2	113,987	1/2	129,549	1/2	145,108
3/4	6,031	3/4	21,646	3/4	37,232	3/4	52,099	3/4	67,652	3/4	83,227	3/4	98,777	3/4	114,311	3/4	129,873	3/4	145,432
5	6,356	5	21,971	5	37,555	5	52,409	5	67,976	5	83,551	5	99,100	5	114,635	5	130,197	5	145,755
1/4	6,681	1/4	22,296	1/4	37,866	1/4	52,732	1/4	68,301	1/4	83,876	1/4	99,423	1/4	114,959	1/4	130,521	1/4	146,078
1/2	7,006	1/2	22,622	1/2	38,176	1/2	53,055	1/2	68,625	1/2	84,200	1/2	99,747	1/2	115,283	1/2	130,845	1/2	146,402
3/4	7,332	3/4	22,947	3/4	38,487	3/4	53,378	3/4	68,950	3/4	84,525	3/4	100,070	3/4	115,608	3/4	131,170	3/4	146,725
6	7,657	6	23,272	6	38,797	6	53,700	6	69,274	6	84,849	6	100,393	6	115,932	6	131,494	6	147,048
1/4	7,982	1/4	23,597	1/4	39,106	1/4	54,025	1/4	69,599	1/4	85,173	1/4	100,717	1/4	116,256	1/4	131,818	1/4	147,372
1/2	8,308	1/2	23,923	1/2	39,415	1/2	54,349	1/2	69,923	1/2	85,498	1/2	101,040	1/2	116,580	1/2	132,142	1/2	147,695
3/4	8,633	3/4	24,248	3/4	39,724	3/4	54,674	3/4	70,248	3/4	85,822	3/4	101,364	3/4	116,904	3/4	132,467	3/4	148,018
7	8,958	7	24,573	7	40,033	7	54,998	7	70,572	7	86,147	7	101,687	7	117,229	7	132,791	7	148,341
1/4	9,284	1/4	24,899	1/4	40,342	1/4	55,323	1/4	70,896	1/4	86,471	1/4	102,010	1/4	117,553	1/4	133,115	1/4	148,664
1/2	9,609	1/2	25,224	1/2	40,651	1/2	55,647	1/2	71,221	1/2	86,796	1/2	102,334	1/2	117,877	1/2	133,439	1/2	148,987
3/4	9,934	3/4	25,549	3/4	40,960	3/4	55,972	3/4	71,545	3/4	87,120	3/4	102,657	3/4	118,201	3/4	133,763	3/4	149,310
8	10,260	8	25,875	8	41,269	8	56,296	8	71,870	8	87,445	8	102,980	8	118,526	8	134,087	8	149,633
1/4	10,585	1/4	26,200	1/4	41,578	1/4	56,621	1/4	72,194	1/4	87,769	1/4	103,304	1/4	118,850	1/4	134,412	1/4	149,956
1/2	10,910	1/2	26,525	1/2	41,887	1/2	56,945	1/2	72,519	1/2	88,094	1/2	103,627	1/2	119,174	1/2	134,736	1/2	150,279
3/4	11,236	3/4	26,851	3/4	42,196	3/4	57,270	3/4	72,843	3/4	88,418	3/4	103,951	3/4	119,498	3/4	135,060	3/4	150,602
9	11,561	9	27,176	9	42,505	9	57,594	9	73,168	9	88,743	9	104,274	9	119,822	9	135,384	9	150,924
1/4	11,886	1/4	27,501	1/4	42,814	1/4	57,919	1/4	73,492	1/4	89,067	1/4	104,597	1/4	120,147	1/4	135,708	1/4	151,246
1/2	12,211	1/2	27,827	1/2	43,123	1/2	58,243	1/2	73,817	1/2	89,392	1/2	104,920	1/2	120,471	1/2	136,033	1/2	151,567
3/4	12,537	3/4	28,152	3/4	43,432	3/4	58,568	3/4	74,141	3/4	89,716	3/4	105,243	3/4	120,795	3/4	136,357	3/4	151,889
10	12,862	10	28,477	10	43,741	10	58,892	10	74,466	10	90,041	10	105,566	10	121,119	10	136,681	10	152,210
1/4	13,187	1/4	28,802	1/4	44,050	1/4	59,216	1/4	74,790	1/4	90,365	1/4	105,889	1/4	121,443	1/4	137,005	1/4	152,532
1/2	13,513	1/2	29,126	1/2	44,359	1/2	59,541	1/2	75,115	1/2	90,690	1/2	106,213	1/2	121,768	1/2	137,329	1/2	152,854
3/4	13,838	3/4	29,450	3/4	44,668	3/4	59,865	3/4	75,439	3/4	91,014	3/4	106,536	3/4	122,092	3/4	137,653	3/4	153,176
11	14,163	11	29,775	11	44,976	11	60,190	11	75,764	11	91,339	11	106,859	11	122,416	11	137,978	11	153,499
1/4	14,489	1/4	30,099	1/4	45,285	1/4	60,514	1/4	76,088	1/4	91,662	1/4	107,183	1/4	122,740	1/4	138,302	1/4	153,821
1/2	14,814	1/2	30,424	1/2	45,594	1/2	60,839	1/2	76,413	1/2	91,986	1/2	107,506	1/2	123,064	1/2	138,626	1/2	154,144
3/4	15,139	3/4	30,748	3/4	45,903	3/4	61,163	3/4	76,737	3/4	92,309	3/4	107,830	3/4	123,389	3/4	138,950	3/4	154,466

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 THREADS ON "MMC" VALVE.

GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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



BARGE JBC 314"

3 STBL INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN
0	154,658	0	166,961	0	176,900	0	190,827	0	202,687	0	202,687	0	202,687	0	202,687	0	202,687	0	202,687
1/4	154,945	1/4	167,211	1/4	179,148	1/4	191,076	1/4	202,926	1/4	202,926	1/4	202,926	1/4	202,926	1/4	202,926	1/4	202,926
1/2	155,233	1/2	167,461	1/2	179,397	1/2	191,324	1/2	203,166	1/2	203,166	1/2	203,166	1/2	203,166	1/2	203,166	1/2	203,166
3/4	155,520	3/4	167,711	3/4	179,645	3/4	191,573	3/4	203,405	3/4	203,405	3/4	203,405	3/4	203,405	3/4	203,405	3/4	203,405
1	155,807	1	167,961	1	179,894	1	191,821	1	203,644	1	203,644	1	203,644	1	203,644	1	203,644	1	203,644
1/4	156,082	1/4	168,210	1/4	180,142	1/4	192,070	1/4	203,853	1/4	203,853	1/4	203,853	1/4	203,853	1/4	203,853	1/4	203,853
1/2	156,357	1/2	168,460	1/2	180,391	1/2	192,318	1/2	204,061	1/2	204,061	1/2	204,061	1/2	204,061	1/2	204,061	1/2	204,061
3/4	156,631	3/4	168,710	3/4	180,639	3/4	192,567	3/4	204,270	3/4	204,270	3/4	204,270	3/4	204,270	3/4	204,270	3/4	204,270
2	156,906	2	168,960	2	180,888	2	192,815	2	204,478	2	204,478	2	204,478	2	204,478	2	204,478	2	204,478
1/4	157,168	1/4	169,209	1/4	181,136	1/4	193,064	1/4	204,646	1/4	204,646	1/4	204,646	1/4	204,646	1/4	204,646	1/4	204,646
1/2	157,430	1/2	169,457	1/2	181,385	1/2	193,312	1/2	204,814	1/2	204,814	1/2	204,814	1/2	204,814	1/2	204,814	1/2	204,814
3/4	157,693	3/4	169,706	3/4	181,633	3/4	193,561	3/4	204,982	3/4	204,982	3/4	204,982	3/4	204,982	3/4	204,982	3/4	204,982
3	157,955	3	169,955	3	181,882	3	193,809	3	205,150	3	205,150	3	205,150	3	205,150	3	205,150	3	205,150
1/4	158,207	1/4	170,203	1/4	182,130	1/4	194,056	1/4	205,276	1/4	205,276	1/4	205,276	1/4	205,276	1/4	205,276	1/4	205,276
1/2	158,460	1/2	170,452	1/2	182,379	1/2	194,306	1/2	205,402	1/2	205,402	1/2	205,402	1/2	205,402	1/2	205,402	1/2	205,402
3/4	158,712	3/4	170,700	3/4	182,627	3/4	194,554	3/4	205,528	3/4	205,528	3/4	205,528	3/4	205,528	3/4	205,528	3/4	205,528
4	158,965	4	170,948	4	182,876	4	194,803	4	205,654	4	205,654	4	205,654	4	205,654	4	205,654	4	205,654
1/4	159,215	1/4	171,197	1/4	183,124	1/4	195,051	1/4	205,780	1/4	205,780	1/4	205,780	1/4	205,780	1/4	205,780	1/4	205,780
1/2	159,465	1/2	171,445	1/2	183,373	1/2	195,300	1/2	205,906	1/2	205,906	1/2	205,906	1/2	205,906	1/2	205,906	1/2	205,906
3/4	159,715	3/4	171,694	3/4	183,621	3/4	195,548	3/4	206,032	3/4	206,032	3/4	206,032	3/4	206,032	3/4	206,032	3/4	206,032
5	159,965	5	171,942	5	183,870	5	195,797	5	206,158	5	206,158	5	206,158	5	206,158	5	206,158	5	206,158
1/4	160,215	1/4	172,191	1/4	184,118	1/4	196,045	1/4	206,284	1/4	206,284	1/4	206,284	1/4	206,284	1/4	206,284	1/4	206,284
1/2	160,465	1/2	172,439	1/2	184,367	1/2	196,294	1/2	206,410	1/2	206,410	1/2	206,410	1/2	206,410	1/2	206,410	1/2	206,410
3/4	160,715	3/4	172,688	3/4	184,615	3/4	196,542	3/4	206,536	3/4	206,536	3/4	206,536	3/4	206,536	3/4	206,536	3/4	206,536
6	160,965	6	172,936	6	184,864	6	196,791	6	206,662	6	206,662	6	206,662	6	206,662	6	206,662	6	206,662
1/4	161,214	1/4	173,185	1/4	185,112	1/4	197,039	1/4	206,788	1/4	206,788	1/4	206,788	1/4	206,788	1/4	206,788	1/4	206,788
1/2	161,464	1/2	173,433	1/2	185,361	1/2	197,288	1/2	206,914	1/2	206,914	1/2	206,914	1/2	206,914	1/2	206,914	1/2	206,914
3/4	161,714	3/4	173,682	3/4	185,609	3/4	197,536	3/4	207,040	3/4	207,040	3/4	207,040	3/4	207,040	3/4	207,040	3/4	207,040
7	161,964	7	173,930	7	185,858	7	197,785	7	207,166	7	207,166	7	207,166	7	207,166	7	207,166	7	207,166
1/4	162,214	1/4	174,179	1/4	186,106	1/4	198,031	1/4	207,292	1/4	207,292	1/4	207,292	1/4	207,292	1/4	207,292	1/4	207,292
1/2	162,464	1/2	174,427	1/2	186,355	1/2	198,277	1/2	207,418	1/2	207,418	1/2	207,418	1/2	207,418	1/2	207,418	1/2	207,418
3/4	162,714	3/4	174,676	3/4	186,603	3/4	198,523	3/4	207,544	3/4	207,544	3/4	207,544	3/4	207,544	3/4	207,544	3/4	207,544
8	162,963	8	174,924	8	186,851	8	198,769	8	207,670	8	207,670	8	207,670	8	207,670	8	207,670	8	207,670
1/4	163,213	1/4	175,173	1/4	187,100	1/4	199,015	1/4	207,796	1/4	207,796	1/4	207,796	1/4	207,796	1/4	207,796	1/4	207,796
1/2	163,463	1/2	175,421	1/2	187,348	1/2	199,261	1/2	207,922	1/2	207,922	1/2	207,922	1/2	207,922	1/2	207,922	1/2	207,922
3/4	163,713	3/4	175,670	3/4	187,597	3/4	199,506	3/4	208,048	3/4	208,048	3/4	208,048	3/4	208,048	3/4	208,048	3/4	208,048
9	163,963	9	175,918	9	187,845	9	199,752	9	208,174	9	208,174	9	208,174	9	208,174	9	208,174	9	208,174
1/4	164,213	1/4	176,167	1/4	188,094	1/4	199,997	1/4	208,300	1/4	208,300	1/4	208,300	1/4	208,300	1/4	208,300	1/4	208,300
1/2	164,463	1/2	176,415	1/2	188,342	1/2	200,242	1/2	208,426	1/2	208,426	1/2	208,426	1/2	208,426	1/2	208,426	1/2	208,426
3/4	164,713	3/4	176,664	3/4	188,591	3/4	200,488	3/4	208,552	3/4	208,552	3/4	208,552	3/4	208,552	3/4	208,552	3/4	208,552
10	164,962	10	176,912	10	188,839	10	200,733	10	208,678	10	208,678	10	208,678	10	208,678	10	208,678	10	208,678
1/4	165,212	1/4	177,161	1/4	189,088	1/4	200,978	1/4	208,804	1/4	208,804	1/4	208,804	1/4	208,804	1/4	208,804	1/4	208,804
1/2	165,462	1/2	177,409	1/2	189,336	1/2	201,222	1/2	208,930	1/2	208,930	1/2	208,930	1/2	208,930	1/2	208,930	1/2	208,930
3/4	165,712	3/4	177,658	3/4	189,585	3/4	201,467	3/4	209,056	3/4	209,056	3/4	209,056	3/4	209,056	3/4	209,056	3/4	209,056
11	165,962	11	177,906	11	189,833	11	201,712	11	209,182	11	209,182	11	209,182	11	209,182	11	209,182	11	209,182
1/4	166,212	1/4	178,155	1/4	190,082	1/4	201,966	1/4	209,308	1/4	209,308	1/4	209,308	1/4	209,308	1/4	209,308	1/4	209,308
1/2	166,462	1/2	178,403	1/2	190,330	1/2	202,199	1/2	209,434	1/2	209,434	1/2	209,434	1/2	209,434	1/2	209,434	1/2	209,434
3/4	166,711	3/4	178,651	3/4	190,579	3/4	202,443	3/4	209,560	3/4	209,560	3/4	209,560	3/4	209,560	3/4	209,560	3/4	209,560

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
CALCULATED: 02/26/2013 CL
PRINTED: 02/26/2013 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
http://www.pmacorp.net



BARGE JBC 314"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

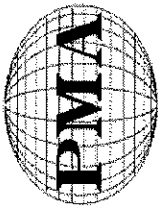
0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	100	0	257	0	412	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	103	1/4	260	1/4	415	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	106	1/2	263	1/2	417	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	109	3/4	267	3/4	420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	112	1	270	1	423	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	115	1/4	273	1/4	426	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	119	1/2	277	1/2	429	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	122	3/4	280	3/4	431	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	125	2	284	2	434	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	128	1/4	287	1/4	437	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	132	1/2	290	1/2	440	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	134	3/4	294	3/4	442	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	137	3	297	3	445	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	140	1/4	300	1/4	447	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	144	1/2	304	1/2	450	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	147	3/4	307	3/4	452	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	150	4	311	4	455	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	153	1/4	314	1/4	457	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	156	1/2	317	1/2	460	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	160	3/4	320	3/4	462	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	163	5	324	5	465	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	166	1/4	327	1/4	467	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	169	1/2	330	1/2	469	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	173	3/4	334	3/4	471	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	176	6	337	6	474	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	179	1/4	340	1/4	476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	183	1/2	343	1/2	478	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	186	3/4	347	3/4	480	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	189	7	350	7	482	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	192	1/4	353	1/4	484	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	196	1/2	356	1/2	486	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	199	3/4	360	3/4	488	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	202	8	363	8	489	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	206	1/4	366	1/4	491	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	209	1/2	369	1/2	493	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	213	3/4	372	3/4	494	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	216	9	375	9	496	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	219	1/4	379	1/4	497	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	223	1/2	382	1/2	499	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	226	3/4	385	3/4	500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	229	10	388	10	502	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	233	1/4	391	1/4	502	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	236	1/2	394	1/2	502	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	240	3/4	397	3/4	502	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	243	11	400	11	502	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	246	1/4	403	1/4	502	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	250	1/2	406	1/2	502	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	253	3/4	409	3/4	502	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
CALCULATED: 02/26/2013 CL
PRINTED: 02/26/2013 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2013

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 8" DIAMETER HATCH.

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



BARGE "CBC 314"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8
1 STBD	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-0/8	00-0/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8
2 PORT	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/4	-00-1/4	00-3/8	-00-3/8	00-3/8	-00-3/8	00-1/2	-00-1/2
2 STBD	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/4	-00-1/4	00-3/8	-00-3/8	00-3/8	-00-3/8	00-1/2	-00-1/2
3 PORT	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8
3 STBD	00-0/8	-00-0/8	00-0/8	-00-0/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-03"

February 26, 2013

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

<http://www.pmacorp.net>



BARGE CBC 314"

1 POR ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	97,349	0	81,641	0	65,932	0	50,223	0	34,608	0	19,068	0	4,913	0	0	0	0	0	0
1/4	97,022	81,313	65,605	50,223	34,283	18,753	4,638	1/4	34,283	1/4	18,753	1/4	4,638	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96,695	80,986	65,277	49,896	33,958	18,439	4,366	1/2	33,958	1/2	18,439	1/2	4,366	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,367	80,659	64,950	49,569	33,633	18,124	4,092	3/4	33,633	3/4	18,124	3/4	4,092	3/4	3/4	3/4	3/4	3/4	3/4
1	96,040	80,332	64,623	48,914	33,307	17,813	3,822	1	33,307	1	17,813	1	3,822	1	1	1	1	1	1
1/4	95,713	80,004	64,296	48,587	32,982	17,502	3,553	1/4	32,982	1/4	17,502	1/4	3,553	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,386	79,677	63,968	48,260	32,656	17,191	3,283	1/2	32,656	1/2	17,191	1/2	3,283	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,058	79,350	63,641	47,934	32,331	16,880	3,014	3/4	32,331	3/4	16,880	3/4	3,014	3/4	3/4	3/4	3/4	3/4	3/4
2	94,731	79,022	63,314	47,606	32,003	16,572	2,753	2	32,003	2	16,572	2	2,753	2	2	2	2	2	2
1/4	94,404	78,695	62,987	47,279	31,676	16,265	2,493	1/4	31,676	1/4	16,265	1/4	2,493	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,076	78,368	62,659	46,952	31,349	15,957	2,233	1/2	31,349	1/2	15,957	1/2	2,233	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,749	78,041	62,332	46,625	31,022	15,649	1,972	3/4	31,022	3/4	15,649	3/4	1,972	3/4	3/4	3/4	3/4	3/4	3/4
3	93,422	77,713	62,005	46,299	30,694	15,345	1,760	3	30,694	3	15,345	3	1,760	3	3	3	3	3	3
1/4	93,095	77,386	61,678	45,972	30,367	15,041	1,548	1/4	30,367	1/4	15,041	1/4	1,548	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,767	77,059	61,350	45,646	30,040	14,736	1,336	1/2	30,040	1/2	14,736	1/2	1,336	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,440	76,732	61,023	45,319	29,713	14,432	1,123	3/4	29,713	3/4	14,432	3/4	1,123	3/4	3/4	3/4	3/4	3/4	3/4
4	92,113	76,404	60,696	44,994	29,385	14,131	989	4	29,385	4	14,131	4	989	4	4	4	4	4	4
1/4	91,786	76,077	60,369	44,670	29,058	13,830	854	1/4	29,058	1/4	13,830	1/4	854	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,458	75,750	60,041	44,345	28,731	13,530	719	1/2	28,731	1/2	13,530	1/2	719	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,131	75,423	59,714	44,021	28,404	13,229	584	3/4	28,404	3/4	13,229	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4
5	90,804	75,095	59,387	43,696	28,076	12,931	5	5	28,076	5	12,931	5	5	5	5	5	5	5	5
1/4	90,477	74,768	59,060	43,372	27,749	12,634	1/4	1/4	27,749	1/4	12,634	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,149	74,441	58,732	43,047	27,422	12,336	1/2	1/2	27,422	1/2	12,336	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,822	74,114	58,405	42,723	27,096	12,039	3/4	3/4	27,096	3/4	12,039	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	89,495	73,786	58,078	42,398	26,767	11,745	6	6	26,767	6	11,745	6	6	6	6	6	6	6	6
1/4	89,168	73,459	57,750	42,074	26,440	11,451	1/4	1/4	26,440	1/4	11,451	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,840	73,132	57,423	41,749	26,113	11,157	1/2	1/2	26,113	1/2	11,157	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,513	72,804	57,096	41,425	25,786	10,863	3/4	3/4	25,786	3/4	10,863	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	88,186	72,477	56,769	41,100	25,459	10,572	7	7	25,459	7	10,572	7	7	7	7	7	7	7	7
1/4	87,859	72,150	56,441	40,776	25,133	10,281	1/4	1/4	25,133	1/4	10,281	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,531	71,823	56,114	40,451	24,807	9,991	1/2	1/2	24,807	1/2	9,991	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,204	71,495	55,787	40,126	24,481	9,700	3/4	3/4	24,481	3/4	9,700	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	86,877	71,168	55,460	39,802	24,152	9,413	8	8	24,152	8	9,413	8	8	8	8	8	8	8	8
1/4	86,549	70,841	55,132	39,477	23,844	9,126	1/4	1/4	23,844	1/4	9,126	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,222	70,514	54,805	39,153	23,526	8,838	1/2	1/2	23,526	1/2	8,838	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,895	70,186	54,478	38,828	23,207	8,551	3/4	3/4	23,207	3/4	8,551	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	85,568	69,859	54,151	38,504	22,890	8,267	9	9	22,890	9	8,267	9	9	9	9	9	9	9	9
1/4	85,240	69,532	53,823	38,179	22,573	7,983	1/4	1/4	22,573	1/4	7,983	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,913	69,205	53,496	37,855	22,256	7,700	1/2	1/2	22,256	1/2	7,700	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,586	68,877	53,169	37,530	21,939	7,416	3/4	3/4	21,939	3/4	7,416	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	84,259	68,550	52,842	37,206	21,617	7,135	10	10	21,617	10	7,135	10	10	10	10	10	10	10	10
1/4	83,931	68,223	52,514	36,881	21,296	6,855	1/4	1/4	21,296	1/4	6,855	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,604	67,896	52,187	36,557	20,975	6,575	1/2	1/2	20,975	1/2	6,575	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,277	67,568	51,860	36,232	20,654	6,294	3/4	3/4	20,654	3/4	6,294	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	82,950	67,241	51,533	35,907	20,336	6,017	11	11	20,336	11	6,017	11	11	11	11	11	11	11	11
1/4	82,622	66,914	51,205	35,583	20,018	5,740	1/4	1/4	20,018	1/4	5,740	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,295	66,587	50,878	35,258	19,700	5,463	1/2	1/2	19,700	1/2	5,463	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,968	66,260	50,551	34,934	19,382	5,186	3/4	3/4	19,382	3/4	5,186	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P. O. Box 2092
 Pearland, Texas 77566
<http://www.pmacorp.net>



BARGE JBC 314"

1 STBL

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE ONLY APPLIES TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.
 GAUGE POINT: (MMC) LOCATED 11'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2082
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE JBC 314"

1 STBL

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	97,410	0	81,702	0	65,993	0	50,284	0	34,614	0	19,067	0	4,912	0	0	0	0	0	0
1/4	97,083	1/4	81,374	1/4	65,666	1/4	49,957	1/4	34,287	1/4	18,753	1/4	4,639	1/4	1/4	1/4	1/4	1/4	1/4
1/2	96,756	1/2	81,047	1/2	65,338	1/2	49,630	1/2	33,961	1/2	18,438	1/2	4,365	1/2	1/2	1/2	1/2	1/2	1/2
3/4	96,428	3/4	80,720	3/4	65,011	3/4	49,303	3/4	33,634	3/4	18,124	3/4	4,092	3/4	3/4	3/4	3/4	3/4	3/4
1	96,101	1	80,392	1	64,684	1	48,975	1	33,307	1	17,813	1	3,822	1	1	1	1	1	1
1/4	95,774	1/4	80,065	1/4	64,357	1/4	48,648	1/4	32,980	1/4	17,502	1/4	3,553	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,446	1/2	79,738	1/2	64,029	1/2	48,321	1/2	32,654	1/2	17,191	1/2	3,283	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,119	3/4	79,411	3/4	63,702	3/4	47,994	3/4	32,327	3/4	16,880	3/4	3,013	3/4	3/4	3/4	3/4	3/4	3/4
2	94,792	2	79,083	2	63,375	2	47,667	2	32,000	2	16,572	2	2,753	2	2	2	2	2	2
1/4	94,465	1/4	78,756	1/4	63,048	1/4	47,340	1/4	31,673	1/4	16,264	1/4	2,493	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,137	1/2	78,429	1/2	62,720	1/2	47,013	1/2	31,346	1/2	15,957	1/2	2,233	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,810	3/4	78,102	3/4	62,393	3/4	46,686	3/4	31,020	3/4	15,649	3/4	1,972	3/4	3/4	3/4	3/4	3/4	3/4
3	93,483	3	77,774	3	62,066	3	46,359	3	30,693	3	15,345	3	1,760	3	3	3	3	3	3
1/4	93,156	1/4	77,447	1/4	61,739	1/4	46,033	1/4	30,366	1/4	15,040	1/4	1,548	1/4	1/4	1/4	1/4	1/4	1/4
1/2	92,828	1/2	77,120	1/2	61,411	1/2	45,706	1/2	30,039	1/2	14,736	1/2	1,336	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,501	3/4	76,793	3/4	61,084	3/4	45,379	3/4	29,712	3/4	14,432	3/4	1,123	3/4	3/4	3/4	3/4	3/4	3/4
4	92,174	4	76,465	4	60,757	4	45,052	4	29,385	4	14,131	4	989	4	4	4	4	4	4
1/4	91,847	1/4	76,138	1/4	60,430	1/4	44,726	1/4	29,058	1/4	13,830	1/4	854	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,519	1/2	75,811	1/2	60,102	1/2	44,399	1/2	28,731	1/2	13,529	1/2	719	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,192	3/4	75,484	3/4	59,775	3/4	44,073	3/4	28,403	3/4	13,228	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4
5	90,865	5	75,156	5	59,448	5	43,746	5	28,076	5	12,931	5	449	5	5	5	5	5	5
1/4	90,538	1/4	74,829	1/4	59,120	1/4	43,420	1/4	27,749	1/4	12,634	1/4	314	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,210	1/2	74,502	1/2	58,793	1/2	43,093	1/2	27,421	1/2	12,336	1/2	179	1/2	1/2	1/2	1/2	1/2	1/2
3/4	89,883	3/4	74,175	3/4	58,466	3/4	42,767	3/4	27,094	3/4	12,039	3/4	44	3/4	3/4	3/4	3/4	3/4	3/4
6	89,556	6	73,847	6	58,139	6	42,441	6	26,767	6	11,745	6	309	6	6	6	6	6	6
1/4	89,229	1/4	73,520	1/4	57,811	1/4	42,115	1/4	26,440	1/4	11,451	1/4	174	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,901	1/2	73,193	1/2	57,484	1/2	41,789	1/2	26,112	1/2	11,156	1/2	49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,574	3/4	72,865	3/4	57,157	3/4	41,463	3/4	25,785	3/4	10,862	3/4	34	3/4	3/4	3/4	3/4	3/4	3/4
7	88,247	7	72,538	7	56,830	7	41,137	7	25,459	7	10,572	7	209	7	7	7	7	7	7
1/4	87,919	1/4	72,211	1/4	56,502	1/4	40,811	1/4	25,133	1/4	10,281	1/4	144	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,592	1/2	71,884	1/2	56,175	1/2	40,484	1/2	24,807	1/2	9,991	1/2	99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,265	3/4	71,556	3/4	55,848	3/4	40,158	3/4	24,481	3/4	9,700	3/4	64	3/4	3/4	3/4	3/4	3/4	3/4
8	86,938	8	71,229	8	55,521	8	39,832	8	24,152	8	9,413	8	49	8	8	8	8	8	8
1/4	86,610	1/4	70,902	1/4	55,193	1/4	39,506	1/4	23,844	1/4	9,125	1/4	34	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,283	1/2	70,575	1/2	54,866	1/2	39,180	1/2	23,525	1/2	8,838	1/2	19	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,956	3/4	70,247	3/4	54,539	3/4	38,854	3/4	23,207	3/4	8,551	3/4	4	3/4	3/4	3/4	3/4	3/4	3/4
9	85,629	9	69,920	9	54,212	9	38,528	9	22,890	9	8,267	9	309	9	9	9	9	9	9
1/4	85,301	1/4	69,593	1/4	53,884	1/4	38,202	1/4	22,573	1/4	7,983	1/4	254	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,974	1/2	69,266	1/2	53,557	1/2	37,876	1/2	22,256	1/2	7,699	1/2	199	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,647	3/4	68,938	3/4	53,230	3/4	37,550	3/4	21,938	3/4	7,416	3/4	144	3/4	3/4	3/4	3/4	3/4	3/4
10	84,320	10	68,611	10	52,903	10	37,224	10	21,617	10	7,135	10	99	10	10	10	10	10	10
1/4	83,992	1/4	68,284	1/4	52,575	1/4	36,898	1/4	21,296	1/4	6,855	1/4	54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,665	1/2	67,957	1/2	52,248	1/2	36,572	1/2	20,975	1/2	6,574	1/2	39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,338	3/4	67,629	3/4	51,921	3/4	36,246	3/4	20,653	3/4	6,294	3/4	24	3/4	3/4	3/4	3/4	3/4	3/4
11	83,011	11	67,302	11	51,593	11	35,919	11	20,335	11	6,017	11	9	11	11	11	11	11	11
1/4	82,683	1/4	66,975	1/4	51,266	1/4	35,593	1/4	20,018	1/4	5,740	1/4	4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,356	1/2	66,647	1/2	50,939	1/2	35,267	1/2	19,700	1/2	5,463	1/2	309	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,029	3/4	66,320	3/4	50,612	3/4	34,941	3/4	19,382	3/4	5,186	3/4	254	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

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



BARGE JBC 314"

2 POR. ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	96,172	0	81,022	0	65,873	0	50,723	0	35,573	0	20,424	0	5,274	0	0	0	0	0	0
1/4	95,856	1/4	80,707	1/4	65,557	1/4	50,408	1/4	35,258	1/4	20,169	1/4	5,015	1/4	1/4	1/4	1/4	1/4	1/4
1/2	95,541	1/2	80,391	1/2	65,242	1/2	50,092	1/2	34,943	1/2	19,910	1/2	4,756	1/2	1/2	1/2	1/2	1/2	1/2
3/4	95,225	3/4	80,075	3/4	64,926	3/4	49,777	3/4	34,628	3/4	19,649	3/4	4,497	3/4	3/4	3/4	3/4	3/4	3/4
1	94,909	1	79,760	1	64,610	1	49,463	1	34,313	1	19,382	1	4,238	1	1	1	1	1	1
1/4	94,594	1/4	79,444	1/4	64,295	1/4	49,148	1/4	34,000	1/4	19,115	1/4	3,979	1/4	1/4	1/4	1/4	1/4	1/4
1/2	94,278	1/2	79,129	1/2	63,979	1/2	48,833	1/2	33,685	1/2	18,848	1/2	3,720	1/2	1/2	1/2	1/2	1/2	1/2
3/4	93,962	3/4	78,813	3/4	63,664	3/4	48,518	3/4	33,370	3/4	18,581	3/4	3,461	3/4	3/4	3/4	3/4	3/4	3/4
2	93,647	2	78,497	2	63,348	2	48,202	2	33,055	2	18,314	2	3,202	2	2	2	2	2	2
1/4	93,331	1/4	78,182	1/4	63,032	1/4	47,887	1/4	32,740	1/4	18,047	1/4	2,943	1/4	1/4	1/4	1/4	1/4	1/4
1/2	93,016	1/2	77,866	1/2	62,717	1/2	47,571	1/2	32,425	1/2	17,780	1/2	2,684	1/2	1/2	1/2	1/2	1/2	1/2
3/4	92,700	3/4	77,551	3/4	62,401	3/4	47,256	3/4	32,110	3/4	17,513	3/4	2,425	3/4	3/4	3/4	3/4	3/4	3/4
3	92,384	3	77,235	3	62,086	3	46,940	3	31,795	3	17,246	3	2,166	3	3	3	3	3	3
1/4	92,069	1/4	76,919	1/4	61,770	1/4	46,625	1/4	31,480	1/4	16,979	1/4	1,907	1/4	1/4	1/4	1/4	1/4	1/4
1/2	91,753	1/2	76,604	1/2	61,454	1/2	46,309	1/2	31,165	1/2	16,712	1/2	1,648	1/2	1/2	1/2	1/2	1/2	1/2
3/4	91,438	3/4	76,288	3/4	61,139	3/4	46,049	3/4	30,850	3/4	16,445	3/4	1,389	3/4	3/4	3/4	3/4	3/4	3/4
4	91,122	4	75,973	4	60,823	4	45,734	4	30,535	4	16,178	4	1,130	4	4	4	4	4	4
1/4	90,806	1/4	75,657	1/4	60,507	1/4	45,418	1/4	30,220	1/4	15,911	1/4	871	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90,491	1/2	75,341	1/2	60,192	1/2	45,102	1/2	29,905	1/2	15,644	1/2	612	1/2	1/2	1/2	1/2	1/2	1/2
3/4	90,175	3/4	75,026	3/4	59,876	3/4	44,813	3/4	29,590	3/4	15,377	3/4	353	3/4	3/4	3/4	3/4	3/4	3/4
5	89,860	5	74,710	5	59,561	5	44,503	5	29,275	5	15,110	5	94	5	5	5	5	5	5
1/4	89,544	1/4	74,394	1/4	59,245	1/4	44,194	1/4	28,960	1/4	14,843	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	89,228	1/2	74,079	1/2	58,929	1/2	43,885	1/2	28,645	1/2	14,576	1/2	13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,913	3/4	73,763	3/4	58,614	3/4	43,570	3/4	28,330	3/4	14,309	3/4	13	3/4	3/4	3/4	3/4	3/4	3/4
6	88,597	6	73,448	6	58,298	6	43,256	6	28,015	6	14,042	6	13	6	6	6	6	6	6
1/4	88,281	1/4	73,132	1/4	57,983	1/4	42,941	1/4	27,700	1/4	13,775	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,966	1/2	72,816	1/2	57,667	1/2	42,626	1/2	27,385	1/2	13,508	1/2	13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,650	3/4	72,501	3/4	57,351	3/4	42,311	3/4	27,070	3/4	13,241	3/4	13	3/4	3/4	3/4	3/4	3/4	3/4
7	87,335	7	72,185	7	57,036	7	42,031	7	26,755	7	12,974	7	13	7	7	7	7	7	7
1/4	87,019	1/4	71,870	1/4	56,720	1/4	41,722	1/4	26,440	1/4	12,707	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,703	1/2	71,554	1/2	56,404	1/2	41,413	1/2	26,125	1/2	12,440	1/2	13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,388	3/4	71,238	3/4	56,089	3/4	41,104	3/4	25,810	3/4	12,173	3/4	13	3/4	3/4	3/4	3/4	3/4	3/4
8	86,072	8	70,923	8	55,773	8	40,795	8	25,495	8	11,906	8	13	8	8	8	8	8	8
1/4	85,757	1/4	70,607	1/4	55,458	1/4	40,486	1/4	25,180	1/4	11,639	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,441	1/2	70,291	1/2	55,142	1/2	40,177	1/2	24,865	1/2	11,372	1/2	13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,125	3/4	69,976	3/4	54,826	3/4	39,868	3/4	24,550	3/4	11,105	3/4	13	3/4	3/4	3/4	3/4	3/4	3/4
9	84,810	9	69,660	9	54,511	9	39,559	9	24,235	9	10,838	9	13	9	9	9	9	9	9
1/4	84,494	1/4	69,345	1/4	54,195	1/4	39,250	1/4	23,920	1/4	10,571	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,178	1/2	69,029	1/2	53,880	1/2	38,940	1/2	23,605	1/2	10,304	1/2	13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,863	3/4	68,713	3/4	53,564	3/4	38,631	3/4	23,290	3/4	10,037	3/4	13	3/4	3/4	3/4	3/4	3/4	3/4
10	83,547	10	68,398	10	53,248	10	38,322	10	22,975	10	9,770	10	13	10	10	10	10	10	10
1/4	83,232	1/4	68,082	1/4	52,933	1/4	38,013	1/4	22,660	1/4	9,503	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,916	1/2	67,767	1/2	52,617	1/2	37,704	1/2	22,345	1/2	9,236	1/2	13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,600	3/4	67,451	3/4	52,302	3/4	37,394	3/4	22,030	3/4	8,969	3/4	13	3/4	3/4	3/4	3/4	3/4	3/4
11	82,285	11	67,135	11	51,986	11	37,084	11	21,715	11	8,702	11	13	11	11	11	11	11	11
1/4	81,969	1/4	66,820	1/4	51,670	1/4	36,775	1/4	21,400	1/4	8,435	1/4	13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,654	1/2	66,504	1/2	51,355	1/2	36,465	1/2	21,085	1/2	8,168	1/2	13	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,338	3/4	66,188	3/4	51,039	3/4	36,149	3/4	20,770	3/4	7,901	3/4	13	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

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



BARGE JBC 314"

2 STBL

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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 THREADS ON "MIMC" VALVE.
 GAUGE POINT: (MIMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE JBC 314"

2 STB.

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	96,140	0	80,983	0	66,826	0	60,670	0	35,810	0	20,695	0	5,538	0		0		0	
1/4	95,825	1/4	80,668	1/4	66,511	1/4	60,354	1/4	35,502	1/4	20,379	1/4	5,223	1/4		1/4		1/4	
1/2	95,509	1/2	80,352	1/2	66,195	1/2	60,038	1/2	35,193	1/2	20,063	1/2	4,907	1/2		1/2		1/2	
3/4	95,193	3/4	80,036	3/4	64,879	3/4	48,723	3/4	34,884	3/4	19,747	3/4	4,592	3/4		3/4		3/4	
1	94,877	1	79,720	1	64,563	1	49,407	1	34,575	1	19,432	1	4,277	1		1		1	
1/4	94,561	1/4	79,405	1/4	64,248	1/4	49,091	1/4	34,266	1/4	19,116	1/4	3,962	1/4		1/4		1/4	
1/2	94,246	1/2	79,089	1/2	63,932	1/2	48,776	1/2	33,957	1/2	18,800	1/2	3,646	1/2		1/2		1/2	
3/4	93,930	3/4	78,773	3/4	63,616	3/4	48,462	3/4	33,641	3/4	18,484	3/4	3,337	3/4		3/4		3/4	
2	93,614	2	78,457	2	63,300	2	48,148	2	33,325	2	18,169	2	3,027	2		2		2	
1/4	93,298	1/4	78,141	1/4	62,985	1/4	47,834	1/4	33,009	1/4	17,853	1/4	2,718	1/4		1/4		1/4	
1/2	92,983	1/2	77,826	1/2	62,669	1/2	47,520	1/2	32,694	1/2	17,537	1/2	2,408	1/2		1/2		1/2	
3/4	92,667	3/4	77,510	3/4	62,353	3/4	47,207	3/4	32,378	3/4	17,221	3/4	2,142	3/4		3/4		3/4	
3	92,351	3	77,194	3	62,037	3	46,894	3	32,062	3	16,906	3	1,876	3		3		3	
1/4	92,035	1/4	76,878	1/4	61,722	1/4	46,581	1/4	31,746	1/4	16,590	1/4	1,609	1/4		1/4		1/4	
1/2	91,720	1/2	76,563	1/2	61,406	1/2	46,268	1/2	31,430	1/2	16,274	1/2	1,343	1/2		1/2		1/2	
3/4	91,404	3/4	76,247	3/4	61,090	3/4	45,961	3/4	31,115	3/4	15,958	3/4	1,155	3/4		3/4		3/4	
4	91,088	4	75,931	4	60,774	4	45,653	4	30,799	4	15,643	4	968	4		4		4	
1/4	90,772	1/4	75,615	1/4	60,458	1/4	45,346	1/4	30,483	1/4	15,327	1/4	780	1/4		1/4		1/4	
1/2	90,456	1/2	75,300	1/2	60,143	1/2	45,038	1/2	30,167	1/2	15,011	1/2	593	1/2		1/2		1/2	
3/4	90,141	3/4	74,984	3/4	59,827	3/4	44,730	3/4	29,852	3/4	14,695	3/4		3/4		3/4		3/4	
5	89,825	5	74,668	5	59,511	5	44,423	5	29,536	5	14,379	5		5		5		5	
1/4	89,509	1/4	74,352	1/4	59,195	1/4	44,115	1/4	29,220	1/4	14,064	1/4		1/4		1/4		1/4	
1/2	89,193	1/2	74,036	1/2	58,880	1/2	43,808	1/2	28,904	1/2	13,748	1/2		1/2		1/2		1/2	
3/4	88,878	3/4	73,721	3/4	58,564	3/4	43,500	3/4	28,589	3/4	13,432	3/4		3/4		3/4		3/4	
6	88,562	6	73,405	6	58,248	6	43,193	6	28,273	6	13,116	6		6		6		6	
1/4	88,246	1/4	73,089	1/4	57,932	1/4	42,885	1/4	27,957	1/4	12,801	1/4		1/4		1/4		1/4	
1/2	87,930	1/2	72,773	1/2	57,617	1/2	42,578	1/2	27,641	1/2	12,485	1/2		1/2		1/2		1/2	
3/4	87,615	3/4	72,458	3/4	57,301	3/4	42,270	3/4	27,326	3/4	12,169	3/4		3/4		3/4		3/4	
7	87,299	7	72,142	7	56,985	7	41,963	7	27,010	7	11,853	7		7		7		7	
1/4	86,983	1/4	71,826	1/4	56,669	1/4	41,655	1/4	26,694	1/4	11,538	1/4		1/4		1/4		1/4	
1/2	86,667	1/2	71,510	1/2	56,353	1/2	41,347	1/2	26,378	1/2	11,222	1/2		1/2		1/2		1/2	
3/4	86,351	3/4	71,195	3/4	56,038	3/4	41,040	3/4	26,063	3/4	10,906	3/4		3/4		3/4		3/4	
8	86,036	8	70,879	8	55,722	8	40,732	8	25,747	8	10,590	8		8		8		8	
1/4	85,720	1/4	70,563	1/4	55,406	1/4	40,425	1/4	25,431	1/4	10,275	1/4		1/4		1/4		1/4	
1/2	85,404	1/2	70,247	1/2	55,090	1/2	40,117	1/2	25,115	1/2	9,969	1/2		1/2		1/2		1/2	
3/4	85,088	3/4	69,931	3/4	54,775	3/4	39,810	3/4	24,800	3/4	9,643	3/4		3/4		3/4		3/4	
9	84,773	9	69,616	9	54,459	9	39,502	9	24,484	9	9,327	9		9		9		9	
1/4	84,457	1/4	69,300	1/4	54,143	1/4	39,195	1/4	24,168	1/4	9,012	1/4		1/4		1/4		1/4	
1/2	84,141	1/2	68,984	1/2	53,827	1/2	38,887	1/2	23,852	1/2	8,696	1/2		1/2		1/2		1/2	
3/4	83,825	3/4	68,668	3/4	53,512	3/4	38,580	3/4	23,537	3/4	8,380	3/4		3/4		3/4		3/4	
10	83,510	10	68,353	10	53,196	10	38,272	10	23,221	10	8,064	10		10		10		10	
1/4	83,194	1/4	68,037	1/4	52,880	1/4	37,964	1/4	22,905	1/4	7,749	1/4		1/4		1/4		1/4	
1/2	82,878	1/2	67,721	1/2	52,564	1/2	37,657	1/2	22,589	1/2	7,433	1/2		1/2		1/2		1/2	
3/4	82,562	3/4	67,405	3/4	52,248	3/4	37,349	3/4	22,273	3/4	7,117	3/4		3/4		3/4		3/4	
11	82,246	11	67,090	11	51,933	11	37,042	11	21,968	11	6,801	11		11		11		11	
1/4	81,931	1/4	66,774	1/4	51,617	1/4	36,734	1/4	21,642	1/4	6,486	1/4		1/4		1/4		1/4	
1/2	81,615	1/2	66,458	1/2	51,301	1/2	36,426	1/2	21,326	1/2	6,170	1/2		1/2		1/2		1/2	
3/4	81,299	3/4	66,142	3/4	50,985	3/4	36,118	3/4	21,010	3/4	5,854	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

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



BARGE JBC 314"

3 POR.

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS		0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	
0	0	0	0	195,250	0	183,315	0	171,381	0	159,390	0	144,877	0	129,306	0	113,734	0	100,000	0	86,266	0	72,532
1/4	1/4	1/4	1/4	195,001	1/4	183,067	1/4	171,132	1/4	159,141	1/4	144,628	1/4	129,057	1/4	113,485	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	194,753	1/2	182,818	1/2	170,883	1/2	158,884	1/2	144,228	1/2	128,657	1/2	113,086	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	194,504	3/4	182,569	3/4	170,638	3/4	158,635	3/4	143,904	3/4	128,430	3/4	112,761	3/4	100,000	3/4	86,266	3/4	72,532
1	1	1	1	194,255	1	182,321	1	170,386	1	158,379	1	143,579	1	128,009	1	112,437	1	100,000	1	86,266	1	72,532
1/4	1/4	1/4	1/4	194,007	1/4	182,072	1/4	170,137	1/4	158,116	1/4	143,255	1/4	127,684	1/4	112,113	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	193,758	1/2	181,823	1/2	169,888	1/2	157,854	1/2	142,931	1/2	127,360	1/2	111,789	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	193,509	3/4	181,575	3/4	169,640	3/4	157,592	3/4	142,606	3/4	127,035	3/4	111,464	3/4	100,000	3/4	86,266	3/4	72,532
2	2	2	2	193,261	2	181,326	2	169,391	2	157,330	2	142,282	2	126,711	2	111,140	2	100,000	2	86,266	2	72,532
1/4	1/4	1/4	1/4	193,012	1/4	181,077	1/4	169,141	1/4	157,055	1/4	141,957	1/4	126,386	1/4	110,816	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	192,763	1/2	180,823	1/2	168,891	1/2	156,780	1/2	141,633	1/2	126,062	1/2	110,492	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	192,515	3/4	180,580	3/4	168,641	3/4	156,505	3/4	141,309	3/4	125,738	3/4	110,168	3/4	100,000	3/4	86,266	3/4	72,532
3	3	3	3	192,266	3	180,332	3	168,391	3	156,230	3	140,984	3	125,413	3	109,844	3	100,000	3	86,266	3	72,532
1/4	1/4	1/4	1/4	192,018	1/4	180,083	1/4	168,141	1/4	155,942	1/4	140,660	1/4	125,089	1/4	109,520	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	191,769	1/2	179,834	1/2	167,891	1/2	155,655	1/2	140,336	1/2	124,764	1/2	109,195	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	191,520	3/4	179,586	3/4	167,641	3/4	155,368	3/4	140,011	3/4	124,440	3/4	108,871	3/4	100,000	3/4	86,266	3/4	72,532
4	4	4	4	191,272	4	179,337	4	167,391	4	155,080	4	139,667	4	124,116	4	108,547	4	100,000	4	86,266	4	72,532
1/4	1/4	1/4	1/4	191,023	1/4	179,088	1/4	167,141	1/4	154,780	1/4	139,362	1/4	123,791	1/4	108,223	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	190,774	1/2	178,840	1/2	166,891	1/2	154,480	1/2	139,038	1/2	123,467	1/2	107,899	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	190,526	3/4	178,591	3/4	166,641	3/4	154,180	3/4	138,714	3/4	123,142	3/4	107,575	3/4	100,000	3/4	86,266	3/4	72,532
5	5	5	5	190,277	5	178,342	5	166,391	5	153,880	5	138,389	5	122,818	5	107,251	5	100,000	5	86,266	5	72,532
1/4	1/4	1/4	1/4	190,028	1/4	178,094	1/4	166,141	1/4	153,567	1/4	138,065	1/4	122,494	1/4	106,928	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	189,780	1/2	177,845	1/2	165,891	1/2	153,255	1/2	137,740	1/2	122,169	1/2	106,604	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	189,531	3/4	177,597	3/4	165,641	3/4	152,943	3/4	137,416	3/4	121,845	3/4	106,281	3/4	100,000	3/4	86,266	3/4	72,532
6	6	6	6	189,283	6	177,348	6	165,391	6	152,630	6	137,092	6	121,520	6	105,958	6	100,000	6	86,266	6	72,532
1/4	1/4	1/4	1/4	189,034	1/4	177,099	1/4	165,141	1/4	152,309	1/4	136,767	1/4	121,196	1/4	105,635	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	188,785	1/2	176,851	1/2	164,891	1/2	151,987	1/2	136,443	1/2	120,871	1/2	105,311	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	188,537	3/4	176,602	3/4	164,641	3/4	151,666	3/4	136,119	3/4	120,547	3/4	104,988	3/4	100,000	3/4	86,266	3/4	72,532
7	7	7	7	188,288	7	176,353	7	164,391	7	151,344	7	135,794	7	120,223	7	104,665	7	100,000	7	86,266	7	72,532
1/4	1/4	1/4	1/4	188,039	1/4	176,105	1/4	164,141	1/4	151,021	1/4	135,470	1/4	119,898	1/4	104,341	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	187,791	1/2	175,856	1/2	163,891	1/2	150,698	1/2	135,145	1/2	119,574	1/2	104,017	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	187,542	3/4	175,607	3/4	163,641	3/4	150,375	3/4	134,821	3/4	119,249	3/4	103,694	3/4	100,000	3/4	86,266	3/4	72,532
8	8	8	8	187,293	8	175,359	8	163,391	8	150,052	8	134,497	8	118,925	8	103,370	8	100,000	8	86,266	8	72,532
1/4	1/4	1/4	1/4	187,045	1/4	175,110	1/4	163,141	1/4	149,729	1/4	134,172	1/4	118,601	1/4	103,047	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	186,796	1/2	174,862	1/2	162,891	1/2	149,406	1/2	133,848	1/2	118,276	1/2	102,723	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	186,548	3/4	174,613	3/4	162,641	3/4	149,082	3/4	133,523	3/4	117,952	3/4	102,400	3/4	100,000	3/4	86,266	3/4	72,532
9	9	9	9	186,299	9	174,364	9	162,391	9	148,759	9	133,199	9	117,627	9	102,076	9	100,000	9	86,266	9	72,532
1/4	1/4	1/4	1/4	186,050	1/4	174,116	1/4	162,141	1/4	148,436	1/4	132,875	1/4	117,303	1/4	101,752	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	185,802	1/2	173,867	1/2	161,891	1/2	148,112	1/2	132,550	1/2	116,979	1/2	101,429	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	185,553	3/4	173,618	3/4	161,641	3/4	147,789	3/4	132,226	3/4	116,654	3/4	101,105	3/4	100,000	3/4	86,266	3/4	72,532
10	10	10	10	185,304	10	173,370	10	161,391	10	147,466	10	131,901	10	116,330	10	100,782	10	100,000	10	86,266	10	72,532
1/4	1/4	1/4	1/4	185,056	1/4	173,121	1/4	161,141	1/4	147,142	1/4	131,577	1/4	116,005	1/4	100,458	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	184,807	1/2	172,872	1/2	160,891	1/2	146,819	1/2	131,253	1/2	115,681	1/2	100,135	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	184,558	3/4	172,624	3/4	160,641	3/4	146,495	3/4	130,928	3/4	115,356	3/4	99,811	3/4	100,000	3/4	86,266	3/4	72,532
11	11	11	11	184,310	11	172,375	11	160,390	11	146,172	11	130,604	11	115,032	11	99,487	11	100,000	11	86,266	11	72,532
1/4	1/4	1/4	1/4	184,061	1/4	172,126	1/4	160,140	1/4	145,848	1/4	130,279	1/4	114,708	1/4	99,164	1/4	100,000	1/4	86,266	1/4	72,532
1/2	1/2	1/2	1/2	183,812	1/2	171,878	1/2	159,890	1/2	145,524	1/2	129,955	1/2	114,383	1/2	98,840	1/2	100,000	1/2	86,266	1/2	72,532
3/4	3/4	3/4	3/4	183,564	3/4	171,629	3/4	159,640	3/4	145,201	3/4	129,631	3/4	114,059	3/4	98,517	3/4	100,000	3/4	86,266	3/4	72,532

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 THREADS ON "IMMC" VALVE.
 GAUGE POINT: (IMMC) LOCATED 11'-00" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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



BARGE JBC 314"

3 POR.

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	98,193	1/4	82,630	1/4	67,046	1/4	51,498	1/4	36,283	1/4	20,682	1/4	5,058	1/4	0	1/4	1/4	1/4	1/4
1/2	97,870	1/2	82,305	1/2	66,722	1/2	51,181	1/2	35,959	1/2	20,357	1/2	4,733	1/2	1/4	1/4	1/4	1/4	1/4
3/4	97,546	3/4	81,981	3/4	66,397	3/4	50,864	3/4	35,634	3/4	20,031	3/4	4,408	3/4	1/2	1/2	1/2	1/2	1/2
1	96,899	1	81,331	1	65,748	1	50,231	1	34,985	1	19,380	1	3,758	1	3/4	3/4	3/4	3/4	3/4
1 1/4	96,575	1 1/4	80,007	1 1/4	65,423	1 1/4	49,914	1 1/4	34,661	1 1/4	19,055	1 1/4	3,439	1 1/4	1	1	1	1	1
1 1/2	96,252	1 1/2	80,682	1 1/2	65,099	1 1/2	49,598	1 1/2	34,336	1 1/2	18,729	1 1/2	3,120	1 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 3/4	95,928	1 3/4	80,357	1 3/4	64,774	1 3/4	49,281	1 3/4	34,012	1 3/4	18,404	1 3/4	2,801	1 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
2	95,605	2	80,033	2	64,449	2	48,965	2	33,687	2	18,078	2	2,482	2	3/4	3/4	3/4	3/4	3/4
2 1/4	95,281	2 1/4	79,708	2 1/4	64,125	2 1/4	48,648	2 1/4	33,363	2 1/4	17,753	2 1/4	2,208	2 1/4	1	1	1	1	1
2 1/2	94,957	2 1/2	79,383	2 1/2	63,800	2 1/2	48,322	2 1/2	33,038	2 1/2	17,427	2 1/2	1,933	2 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
2 3/4	94,634	2 3/4	79,059	2 3/4	63,475	2 3/4	48,015	2 3/4	32,714	2 3/4	17,102	2 3/4	1,658	2 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3	94,310	3	78,734	3	63,151	3	47,699	3	32,389	3	16,776	3	1,384	3	3/4	3/4	3/4	3/4	3/4
3 1/4	93,987	3 1/4	78,409	3 1/4	62,826	3 1/4	47,383	3 1/4	32,065	3 1/4	16,451	3 1/4	1,190	3 1/4	1	1	1	1	1
3 1/2	93,663	3 1/2	78,085	3 1/2	62,501	3 1/2	47,067	3 1/2	31,740	3 1/2	16,125	3 1/2	997	3 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
3 3/4	93,340	3 3/4	77,760	3 3/4	62,177	3 3/4	46,750	3 3/4	31,416	3 3/4	15,800	3 3/4	804	3 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
4	93,016	4	77,435	4	61,852	4	46,434	4	31,091	4	15,474	4	611	4	3/4	3/4	3/4	3/4	3/4
4 1/4	92,692	4 1/4	77,111	4 1/4	61,527	4 1/4	46,118	4 1/4	30,767	4 1/4	15,149	4 1/4	418	4 1/4	1	1	1	1	1
4 1/2	92,369	4 1/2	76,786	4 1/2	61,202	4 1/2	45,802	4 1/2	30,442	4 1/2	14,823	4 1/2	225	4 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
4 3/4	92,045	4 3/4	76,461	4 3/4	60,878	4 3/4	45,486	4 3/4	30,118	4 3/4	14,498	4 3/4	34	4 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
5	91,721	5	76,137	5	60,553	5	45,170	5	29,793	5	14,172	5	5	5	3/4	3/4	3/4	3/4	3/4
5 1/4	91,396	5 1/4	75,812	5 1/4	60,228	5 1/4	44,854	5 1/4	29,469	5 1/4	13,847	5 1/4	14	5 1/4	1	1	1	1	1
5 1/2	91,072	5 1/2	75,487	5 1/2	59,904	5 1/2	44,538	5 1/2	29,144	5 1/2	13,521	5 1/2	29	5 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
5 3/4	90,747	5 3/4	75,163	5 3/4	59,579	5 3/4	44,222	5 3/4	28,820	5 3/4	13,196	5 3/4	64	5 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
6	90,422	6	74,838	6	59,254	6	43,906	6	28,495	6	12,870	6	131	6	3/4	3/4	3/4	3/4	3/4
6 1/4	90,098	6 1/4	74,513	6 1/4	58,930	6 1/4	43,590	6 1/4	28,169	6 1/4	12,545	6 1/4	220	6 1/4	1	1	1	1	1
6 1/2	89,773	6 1/2	74,188	6 1/2	58,605	6 1/2	43,274	6 1/2	27,844	6 1/2	12,219	6 1/2	309	6 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
6 3/4	89,448	6 3/4	73,864	6 3/4	58,280	6 3/4	42,957	6 3/4	27,518	6 3/4	11,894	6 3/4	398	6 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
7	89,124	7	73,539	7	57,956	7	42,641	7	27,193	7	11,568	7	487	7	3/4	3/4	3/4	3/4	3/4
7 1/4	88,799	7 1/4	73,214	7 1/4	57,631	7 1/4	42,325	7 1/4	26,867	7 1/4	11,242	7 1/4	576	7 1/4	1	1	1	1	1
7 1/2	88,474	7 1/2	72,890	7 1/2	57,306	7 1/2	42,009	7 1/2	26,542	7 1/2	10,917	7 1/2	665	7 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
7 3/4	88,150	7 3/4	72,565	7 3/4	56,982	7 3/4	41,693	7 3/4	26,216	7 3/4	10,591	7 3/4	754	7 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
8	87,826	8	72,240	8	56,657	8	41,377	8	25,891	8	10,266	8	843	8	3/4	3/4	3/4	3/4	3/4
8 1/4	87,500	8 1/4	71,916	8 1/4	56,332	8 1/4	41,061	8 1/4	25,565	8 1/4	9,940	8 1/4	932	8 1/4	1	1	1	1	1
8 1/2	87,176	8 1/2	71,591	8 1/2	56,008	8 1/2	40,745	8 1/2	25,240	8 1/2	9,615	8 1/2	1,021	8 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
8 3/4	86,851	8 3/4	71,266	8 3/4	55,683	8 3/4	40,429	8 3/4	24,914	8 3/4	9,289	8 3/4	1,110	8 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
9	86,526	9	70,942	9	55,358	9	40,113	9	24,589	9	8,964	9	1,199	9	3/4	3/4	3/4	3/4	3/4
9 1/4	86,202	9 1/4	70,617	9 1/4	55,034	9 1/4	39,797	9 1/4	24,263	9 1/4	8,638	9 1/4	1,288	9 1/4	1	1	1	1	1
9 1/2	85,877	9 1/2	70,292	9 1/2	54,709	9 1/2	39,481	9 1/2	23,938	9 1/2	8,313	9 1/2	1,377	9 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
9 3/4	85,552	9 3/4	69,968	9 3/4	54,384	9 3/4	39,165	9 3/4	23,612	9 3/4	7,987	9 3/4	1,466	9 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
10	85,228	10	69,643	10	54,060	10	38,849	10	23,287	10	7,662	10	1,555	10	3/4	3/4	3/4	3/4	3/4
10 1/4	84,903	10 1/4	69,318	10 1/4	53,736	10 1/4	38,532	10 1/4	22,961	10 1/4	7,336	10 1/4	1,644	10 1/4	1	1	1	1	1
10 1/2	84,578	10 1/2	68,994	10 1/2	53,412	10 1/2	38,215	10 1/2	22,636	10 1/2	7,011	10 1/2	1,733	10 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
10 3/4	84,254	10 3/4	68,669	10 3/4	53,088	10 3/4	37,898	10 3/4	22,310	10 3/4	6,685	10 3/4	1,822	10 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
11	83,929	11	68,344	11	52,765	11	37,582	11	21,985	11	6,360	11	1,911	11	3/4	3/4	3/4	3/4	3/4
11 1/4	83,604	11 1/4	68,020	11 1/4	52,448	11 1/4	37,267	11 1/4	21,659	11 1/4	6,034	11 1/4	1,999	11 1/4	1	1	1	1	1
11 1/2	83,279	11 1/2	67,695	11 1/2	52,131	11 1/2	36,953	11 1/2	21,334	11 1/2	5,709	11 1/2	2,088	11 1/2	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
11 3/4	82,955	11 3/4	67,371	11 3/4	51,814	11 3/4	36,608	11 3/4	21,008	11 3/4	5,384	11 3/4	2,177	11 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

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



BARGE JBC 314"

3 STBL

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-04"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	82,253	0	51,168	0	36,261	0	20,670	0	5,055	0	0	0	0	0	0	0	0	0	0
1/4	1/4	81,929	1/4	50,857	1/4	35,937	1/4	20,344	1/4	4,730	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	81,604	1/2	50,547	1/2	35,612	1/2	20,019	1/2	4,406	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	81,280	3/4	50,236	3/4	35,288	3/4	19,694	3/4	4,081	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	80,955	1	49,926	1	34,964	1	19,368	1	3,756	1	1	1	1	1	1	1	1	1	1
1/4	1/4	80,631	1/4	49,616	1/4	34,639	1/4	19,043	1/4	3,437	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	80,306	1/2	49,306	1/2	34,315	1/2	18,718	1/2	3,118	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	79,982	3/4	48,996	3/4	33,991	3/4	18,392	3/4	2,800	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	79,657	2	48,686	2	33,667	2	18,067	2	2,481	2	2	2	2	2	2	2	2	2	2
1/4	1/4	79,333	1/4	48,376	1/4	33,342	1/4	17,742	1/4	2,206	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	79,008	1/2	48,067	1/2	33,018	1/2	17,416	1/2	1,932	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	78,684	3/4	47,758	3/4	32,694	3/4	17,091	3/4	1,657	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	78,359	3	47,448	3	32,369	3	16,766	3	1,383	3	3	3	3	3	3	3	3	3	3
1/4	1/4	78,035	1/4	47,139	1/4	32,045	1/4	16,441	1/4	1,190	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	77,710	1/2	46,830	1/2	31,721	1/2	16,115	1/2	997	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	77,386	3/4	46,521	3/4	31,396	3/4	15,790	3/4	803	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	77,062	4	46,212	4	31,072	4	15,465	4	610	4	4	4	4	4	4	4	4	4	4
1/4	1/4	76,737	1/4	45,903	1/4	30,748	1/4	15,139	1/4	420	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	76,413	1/2	45,594	1/2	30,424	1/2	14,814	1/2	230	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	76,088	3/4	45,285	3/4	30,099	3/4	14,489	3/4	10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	75,764	5	44,976	5	29,775	5	14,163	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	75,439	1/4	44,668	1/4	29,450	1/4	13,838	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	75,115	1/2	44,359	1/2	29,126	1/2	13,513	1/2	25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	74,790	3/4	44,050	3/4	28,802	3/4	13,187	3/4	15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	74,466	6	43,741	6	28,477	6	12,862	6	5	6	6	6	6	6	6	6	6	6	6
1/4	1/4	74,141	1/4	43,432	1/4	28,152	1/4	12,537	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	73,817	1/2	43,123	1/2	27,827	1/2	12,211	1/2	25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	73,492	3/4	42,814	3/4	27,501	3/4	11,886	3/4	15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	73,168	7	42,505	7	27,176	7	11,561	7	5	7	7	7	7	7	7	7	7	7	7
1/4	1/4	72,843	1/4	42,196	1/4	26,851	1/4	11,236	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	72,519	1/2	41,887	1/2	26,525	1/2	10,910	1/2	25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	72,194	3/4	41,578	3/4	26,200	3/4	10,585	3/4	15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	71,870	8	41,269	8	25,875	8	10,260	8	5	8	8	8	8	8	8	8	8	8	8
1/4	1/4	71,545	1/4	40,960	1/4	25,549	1/4	9,934	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	71,221	1/2	40,651	1/2	25,224	1/2	9,609	1/2	25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	70,896	3/4	40,342	3/4	24,899	3/4	9,284	3/4	15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	70,572	9	40,033	9	24,573	9	8,958	9	5	9	9	9	9	9	9	9	9	9	9
1/4	1/4	70,248	1/4	39,724	1/4	24,248	1/4	8,633	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	69,923	1/2	39,415	1/2	23,923	1/2	8,308	1/2	25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	69,599	3/4	39,106	3/4	23,597	3/4	7,982	3/4	15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	69,274	10	38,797	10	23,272	10	7,657	10	5	10	10	10	10	10	10	10	10	10	10
1/4	1/4	68,950	1/4	38,487	1/4	22,947	1/4	7,332	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	68,625	1/2	38,176	1/2	22,622	1/2	7,006	1/2	25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	68,301	3/4	37,866	3/4	22,296	3/4	6,681	3/4	15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	67,976	11	37,555	11	21,971	11	6,356	11	5	11	11	11	11	11	11	11	11	11	11
1/4	1/4	67,652	1/4	37,232	1/4	21,646	1/4	6,031	1/4	35	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	67,328	1/2	36,908	1/2	21,320	1/2	5,705	1/2	25	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	67,003	3/4	36,585	3/4	20,995	3/4	5,380	3/4	15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/26/2013 CL
 CALCULATED: 02/26/2013 CL
 PRINTED: 02/26/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 02/2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77568
 http://www.pmcorp.net