



BARGE "CBC 386"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
1 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 PORT	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-5/8	01-5/8	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

September 18, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 386"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	965	0	15,241	0	30,478	0	45,704	0	60,931	0	76,169	0	91,406	0	106,643	0	121,877	0	137,108
1/4	1,150	1/4	15,558	1/4	30,795	1/4	46,021	1/4	61,249	1/4	76,486	1/4	91,724	1/4	106,961	1/4	122,194	1/4	137,426
1/2	1,335	1/2	15,876	1/2	31,112	1/2	46,338	1/2	61,566	1/2	76,804	1/2	92,041	1/2	107,278	1/2	122,511	1/2	137,743
3/4	1,520	3/4	16,193	3/4	31,430	3/4	46,655	3/4	61,884	3/4	77,121	3/4	92,358	3/4	107,596	3/4	122,829	3/4	138,060
1	1,705	1	16,510	1	31,747	1	46,972	1	62,201	1	77,438	1	92,676	1	107,913	1	123,146	1	138,378
1/4	1,943	1/4	16,828	1/4	32,065	1/4	47,289	1/4	62,519	1/4	77,756	1/4	92,993	1/4	108,231	1/4	123,463	1/4	138,695
1/2	2,181	1/2	17,145	1/2	32,382	1/2	47,606	1/2	62,836	1/2	78,073	1/2	93,311	1/2	108,548	1/2	123,781	1/2	139,012
3/4	2,419	3/4	17,463	3/4	32,700	3/4	47,923	3/4	63,153	3/4	78,391	3/4	93,628	3/4	108,866	3/4	124,098	3/4	139,330
2	2,658	2	17,780	2	33,017	2	48,240	2	63,471	2	78,708	2	93,946	2	109,183	2	124,415	2	139,647
1/4	2,948	1/4	18,098	1/4	33,334	1/4	48,557	1/4	63,788	1/4	79,026	1/4	94,263	1/4	109,500	1/4	124,733	1/4	139,964
1/2	3,239	1/2	18,415	1/2	33,652	1/2	48,874	1/2	64,106	1/2	79,343	1/2	94,581	1/2	109,818	1/2	125,050	1/2	140,282
3/4	3,530	3/4	18,732	3/4	33,969	3/4	49,190	3/4	64,423	3/4	79,661	3/4	94,898	3/4	110,135	3/4	125,367	3/4	140,599
3	3,821	3	19,050	3	34,287	3	49,507	3	64,741	3	79,978	3	95,215	3	110,453	3	125,685	3	140,916
1/4	4,137	1/4	19,367	1/4	34,604	1/4	49,824	1/4	65,058	1/4	80,295	1/4	95,533	1/4	110,770	1/4	126,002	1/4	141,234
1/2	4,453	1/2	19,685	1/2	34,922	1/2	50,141	1/2	65,376	1/2	80,613	1/2	95,850	1/2	111,087	1/2	126,319	1/2	141,551
3/4	4,769	3/4	20,002	3/4	35,239	3/4	50,458	3/4	65,693	3/4	80,930	3/4	96,168	3/4	111,405	3/4	126,637	3/4	141,868
4	5,085	4	20,320	4	35,556	4	50,775	4	66,010	4	81,248	4	96,485	4	111,722	4	126,954	4	142,186
1/4	5,402	1/4	20,637	1/4	35,874	1/4	51,092	1/4	66,328	1/4	81,565	1/4	96,803	1/4	112,039	1/4	127,271	1/4	142,503
1/2	5,719	1/2	20,955	1/2	36,191	1/2	51,409	1/2	66,645	1/2	81,883	1/2	97,120	1/2	112,357	1/2	127,589	1/2	142,820
3/4	6,036	3/4	21,272	3/4	36,509	3/4	51,726	3/4	66,963	3/4	82,200	3/4	97,438	3/4	112,674	3/4	127,906	3/4	143,138
5	6,353	5	21,589	5	36,826	5	52,043	5	67,280	5	82,518	5	97,755	5	112,991	5	128,223	5	143,455
1/4	6,670	1/4	21,907	1/4	37,144	1/4	52,360	1/4	67,598	1/4	82,835	1/4	98,072	1/4	113,309	1/4	128,541	1/4	143,772
1/2	6,988	1/2	22,224	1/2	37,461	1/2	52,678	1/2	67,915	1/2	83,153	1/2	98,390	1/2	113,626	1/2	128,858	1/2	144,090
3/4	7,305	3/4	22,542	3/4	37,778	3/4	52,995	3/4	68,233	3/4	83,470	3/4	98,707	3/4	113,943	3/4	129,175	3/4	144,407
6	7,622	6	22,859	6	38,096	6	53,313	6	68,550	6	83,787	6	99,025	6	114,261	6	129,493	6	144,724
1/4	7,940	1/4	23,177	1/4	38,413	1/4	53,630	1/4	68,867	1/4	84,105	1/4	99,342	1/4	114,578	1/4	129,810	1/4	145,042
1/2	8,257	1/2	23,494	1/2	38,731	1/2	53,947	1/2	69,185	1/2	84,422	1/2	99,660	1/2	114,895	1/2	130,127	1/2	145,359
3/4	8,575	3/4	23,811	3/4	39,048	3/4	54,265	3/4	69,502	3/4	84,740	3/4	99,977	3/4	115,213	3/4	130,445	3/4	145,676
7	8,892	7	24,129	7	39,366	7	54,582	7	69,820	7	85,057	7	100,295	7	115,530	7	130,762	7	145,994
1/4	9,209	1/4	24,446	1/4	39,683	1/4	54,900	1/4	70,137	1/4	85,375	1/4	100,612	1/4	115,847	1/4	131,079	1/4	146,311
1/2	9,527	1/2	24,764	1/2	40,000	1/2	55,217	1/2	70,455	1/2	85,692	1/2	100,929	1/2	116,165	1/2	131,397	1/2	146,628
3/4	9,844	3/4	25,081	3/4	40,316	3/4	55,535	3/4	70,772	3/4	86,010	3/4	101,247	3/4	116,482	3/4	131,714	3/4	146,946
8	10,162	8	25,399	8	40,633	8	55,852	8	71,090	8	86,327	8	101,564	8	116,799	8	132,031	8	147,263
1/4	10,479	1/4	25,716	1/4	40,950	1/4	56,170	1/4	71,407	1/4	86,644	1/4	101,882	1/4	117,117	1/4	132,349	1/4	147,580
1/2	10,797	1/2	26,033	1/2	41,267	1/2	56,487	1/2	71,724	1/2	86,962	1/2	102,199	1/2	117,434	1/2	132,666	1/2	147,898
3/4	11,114	3/4	26,351	3/4	41,584	3/4	56,805	3/4	72,042	3/4	87,279	3/4	102,517	3/4	117,751	3/4	132,983	3/4	148,215
9	11,432	9	26,668	9	41,901	9	57,122	9	72,359	9	87,597	9	102,834	9	118,069	9	133,301	9	148,532
1/4	11,749	1/4	26,986	1/4	42,218	1/4	57,439	1/4	72,677	1/4	87,914	1/4	103,152	1/4	118,386	1/4	133,618	1/4	148,850
1/2	12,066	1/2	27,303	1/2	42,535	1/2	57,757	1/2	72,994	1/2	88,232	1/2	103,469	1/2	118,703	1/2	133,935	1/2	149,167
3/4	12,384	3/4	27,621	3/4	42,852	3/4	58,074	3/4	73,312	3/4	88,549	3/4	103,786	3/4	119,021	3/4	134,253	3/4	149,484
10	12,701	10	27,938	10	43,169	10	58,392	10	73,629	10	88,867	10	104,104	10	119,338	10	134,570	10	149,802
1/4	13,019	1/4	28,255	1/4	43,486	1/4	58,709	1/4	73,947	1/4	89,184	1/4	104,421	1/4	119,655	1/4	134,887	1/4	150,119
1/2	13,336	1/2	28,573	1/2	43,803	1/2	59,027	1/2	74,264	1/2	89,501	1/2	104,739	1/2	119,973	1/2	135,204	1/2	150,436
3/4	13,654	3/4	28,890	3/4	44,120	3/4	59,344	3/4	74,581	3/4	89,819	3/4	105,056	3/4	120,290	3/4	135,522	3/4	150,754
11	13,971	11	29,208	11	44,437	11	59,662	11	74,899	11	90,136	11	105,374	11	120,607	11	135,839	11	151,071
1/4	14,288	1/4	29,525	1/4	44,753	1/4	59,979	1/4	75,216	1/4	90,454	1/4	105,691	1/4	120,925	1/4	136,156	1/4	151,388
1/2	14,606	1/2	29,843	1/2	45,070	1/2	60,296	1/2	75,534	1/2	90,771	1/2	106,009	1/2	121,242	1/2	136,474	1/2	151,706
3/4	14,923	3/4	30,160	3/4	45,387	3/4	60,614	3/4	75,851	3/4	91,089	3/4	106,326	3/4	121,559	3/4	136,791	3/4	152,023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "CBC 386"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,340	0	167,572	0	182,804	0	198,036	0	213,203	0		0		0		0		0	
1/4	152,658	1/4	167,889	1/4	183,121	1/4	198,353	1/4	213,516	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,975	1/2	168,207	1/2	183,439	1/2	198,670	1/2	213,829	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	168,524	3/4	183,756	3/4	198,988	3/4	214,142	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,610	1	168,841	1	184,073	1	199,305	1	214,456	1	1	1	1	1	1	1	1	1	1
1/4	153,927	1/4	169,159	1/4	184,390	1/4	199,621	1/4	214,769	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,244	1/2	169,476	1/2	184,708	1/2	199,937	1/2	215,082	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,562	3/4	169,793	3/4	185,025	3/4	200,253	3/4	215,395	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,879	2	170,111	2	185,342	2	200,569	2	215,708	2	2	2	2	2	2	2	2	2	2
1/4	155,196	1/4	170,428	1/4	185,660	1/4	200,885	1/4	216,021	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,514	1/2	170,745	1/2	185,977	1/2	201,202	1/2	216,335	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,831	3/4	171,063	3/4	186,294	3/4	201,518	3/4	216,648	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	156,148	3	171,380	3	186,612	3	201,834	3	216,961	3	3	3	3	3	3	3	3	3	3
1/4	156,466	1/4	171,697	1/4	186,929	1/4	202,150	1/4	217,274	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,783	1/2	172,015	1/2	187,246	1/2	202,466	1/2	217,586	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,100	3/4	172,332	3/4	187,564	3/4	202,782	3/4	217,899	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,418	4	172,649	4	187,881	4	203,098	4	218,212	4	4	4	4	4	4	4	4	4	4
1/4	157,735	1/4	172,967	1/4	188,198	1/4	203,414	1/4	218,524	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,052	1/2	173,284	1/2	188,516	1/2	203,730	1/2	218,835	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,370	3/4	173,601	3/4	188,833	3/4	204,047	3/4	219,147	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,687	5	173,919	5	189,150	5	204,363	5	219,459	5	5	5	5	5	5	5	5	5	5
1/4	159,004	1/4	174,236	1/4	189,468	1/4	204,679	1/4	219,745	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,321	1/2	174,553	1/2	189,785	1/2	204,995	1/2	220,032	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,639	3/4	174,871	3/4	190,102	3/4	205,311	3/4	220,319	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,956	6	175,188	6	190,420	6	205,627	6	220,605	6	6	6	6	6	6	6	6	6	6
1/4	160,273	1/4	175,505	1/4	190,737	1/4	205,943	1/4	220,839	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,591	1/2	175,823	1/2	191,054	1/2	206,259	1/2	221,073	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,908	3/4	176,140	3/4	191,372	3/4	206,575	3/4	221,307	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,225	7	176,457	7	191,689	7	206,891	7	221,541	7	7	7	7	7	7	7	7	7	7
1/4	161,543	1/4	176,775	1/4	192,006	1/4	207,208	1/4	221,723	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,860	1/2	177,092	1/2	192,324	1/2	207,524	1/2	221,905	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,177	3/4	177,409	3/4	192,641	3/4	207,840	3/4	222,087	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,495	8	177,727	8	192,958	8	208,156	8	222,269	8	8	8	8	8	8	8	8	8	8
1/4	162,812	1/4	178,044	1/4	193,276	1/4	208,472	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,129	1/2	178,361	1/2	193,593	1/2	208,788	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,447	3/4	178,679	3/4	193,910	3/4	209,104	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,764	9	178,996	9	194,228	9	209,420	9		9	9	9	9	9	9	9	9	9	9
1/4	164,081	1/4	179,313	1/4	194,545	1/4	209,737	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,399	1/2	179,631	1/2	194,862	1/2	210,053	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,716	3/4	179,948	3/4	195,180	3/4	210,369	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	165,033	10	180,265	10	195,497	10	210,685	10		10	10	10	10	10	10	10	10	10	10
1/4	165,351	1/4	180,583	1/4	195,814	1/4	211,001	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,668	1/2	180,900	1/2	196,132	1/2	211,318	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,985	3/4	181,217	3/4	196,449	3/4	211,634	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,303	11	181,535	11	196,766	11	211,950	11		11	11	11	11	11	11	11	11	11	11
1/4	166,620	1/4	181,852	1/4	197,084	1/4	212,263	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,937	1/2	182,169	1/2	197,401	1/2	212,576	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,255	3/4	182,487	3/4	197,718	3/4	212,890	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 386"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	964	0	15,233	0	30,463	0	45,642	0	60,822	0	76,052	0	91,283	0	106,513	0	121,739	0	136,963
1/4	1,149	1/4	15,551	1/4	30,780	1/4	45,958	1/4	61,140	1/4	76,370	1/4	91,600	1/4	106,830	1/4	122,056	1/4	137,280
1/2	1,334	1/2	15,868	1/2	31,097	1/2	46,273	1/2	61,457	1/2	76,687	1/2	91,917	1/2	107,147	1/2	122,373	1/2	137,597
3/4	1,520	3/4	16,185	3/4	31,415	3/4	46,588	3/4	61,774	3/4	77,004	3/4	92,234	3/4	107,465	3/4	122,690	3/4	137,915
1	1,705	1	16,503	1	31,732	1	46,903	1	62,092	1	77,322	1	92,552	1	107,782	1	123,007	1	138,232
1/4	1,942	1/4	16,820	1/4	32,049	1/4	47,218	1/4	62,409	1/4	77,639	1/4	92,869	1/4	108,099	1/4	123,324	1/4	138,549
1/2	2,180	1/2	17,137	1/2	32,367	1/2	47,533	1/2	62,726	1/2	77,956	1/2	93,186	1/2	108,416	1/2	123,642	1/2	138,866
3/4	2,418	3/4	17,454	3/4	32,684	3/4	47,848	3/4	63,043	3/4	78,274	3/4	93,504	3/4	108,734	3/4	123,959	3/4	139,183
2	2,656	2	17,772	2	33,001	2	48,163	2	63,361	2	78,591	2	93,821	2	109,051	2	124,276	2	139,500
1/4	2,947	1/4	18,089	1/4	33,318	1/4	48,479	1/4	63,678	1/4	78,908	1/4	94,138	1/4	109,368	1/4	124,593	1/4	139,818
1/2	3,238	1/2	18,406	1/2	33,636	1/2	48,794	1/2	63,995	1/2	79,225	1/2	94,455	1/2	109,686	1/2	124,910	1/2	140,135
3/4	3,529	3/4	18,724	3/4	33,953	3/4	49,109	3/4	64,313	3/4	79,543	3/4	94,773	3/4	110,003	3/4	125,227	3/4	140,452
3	3,819	3	19,041	3	34,270	3	49,424	3	64,630	3	79,860	3	95,090	3	110,320	3	125,545	3	140,769
1/4	4,135	1/4	19,358	1/4	34,588	1/4	49,739	1/4	64,947	1/4	80,177	1/4	95,407	1/4	110,637	1/4	125,862	1/4	141,086
1/2	4,451	1/2	19,675	1/2	34,905	1/2	50,054	1/2	65,264	1/2	80,495	1/2	95,725	1/2	110,955	1/2	126,179	1/2	141,403
3/4	4,767	3/4	19,993	3/4	35,222	3/4	50,369	3/4	65,582	3/4	80,812	3/4	96,042	3/4	111,272	3/4	126,496	3/4	141,721
4	5,082	4	20,310	4	35,539	4	50,684	4	65,899	4	81,129	4	96,359	4	111,589	4	126,813	4	142,038
1/4	5,399	1/4	20,627	1/4	35,857	1/4	50,999	1/4	66,216	1/4	81,446	1/4	96,677	1/4	111,906	1/4	127,131	1/4	142,355
1/2	5,716	1/2	20,944	1/2	36,174	1/2	51,315	1/2	66,534	1/2	81,764	1/2	96,994	1/2	112,223	1/2	127,448	1/2	142,672
3/4	6,033	3/4	21,262	3/4	36,491	3/4	51,630	3/4	66,851	3/4	82,081	3/4	97,311	3/4	112,540	3/4	127,765	3/4	142,989
5	6,350	5	21,579	5	36,809	5	51,945	5	67,168	5	82,398	5	97,628	5	112,858	5	128,082	5	143,307
1/4	6,667	1/4	21,896	1/4	37,126	1/4	52,260	1/4	67,486	1/4	82,716	1/4	97,946	1/4	113,175	1/4	128,399	1/4	143,624
1/2	6,984	1/2	22,214	1/2	37,443	1/2	52,576	1/2	67,803	1/2	83,033	1/2	98,263	1/2	113,492	1/2	128,716	1/2	143,941
3/4	7,301	3/4	22,531	3/4	37,760	3/4	52,892	3/4	68,120	3/4	83,350	3/4	98,580	3/4	113,809	3/4	129,034	3/4	144,258
6	7,619	6	22,848	6	38,078	6	53,207	6	68,437	6	83,668	6	98,898	6	114,126	6	129,351	6	144,575
1/4	7,936	1/4	23,165	1/4	38,393	1/4	53,525	1/4	68,755	1/4	83,985	1/4	99,215	1/4	114,443	1/4	129,668	1/4	144,892
1/2	8,253	1/2	23,483	1/2	38,709	1/2	53,842	1/2	69,072	1/2	84,302	1/2	99,532	1/2	114,761	1/2	129,985	1/2	145,210
3/4	8,571	3/4	23,800	3/4	39,025	3/4	54,159	3/4	69,389	3/4	84,619	3/4	99,849	3/4	115,078	3/4	130,302	3/4	145,527
7	8,888	7	24,117	7	39,340	7	54,477	7	69,707	7	84,937	7	100,167	7	115,395	7	130,619	7	145,844
1/4	9,205	1/4	24,435	1/4	39,655	1/4	54,794	1/4	70,024	1/4	85,254	1/4	100,484	1/4	115,712	1/4	130,937	1/4	146,161
1/2	9,522	1/2	24,752	1/2	39,970	1/2	55,111	1/2	70,341	1/2	85,571	1/2	100,801	1/2	116,029	1/2	131,254	1/2	146,478
3/4	9,840	3/4	25,069	3/4	40,285	3/4	55,428	3/4	70,658	3/4	85,889	3/4	101,119	3/4	116,347	3/4	131,571	3/4	146,796
8	10,157	8	25,386	8	40,601	8	55,746	8	70,976	8	86,206	8	101,436	8	116,664	8	131,888	8	147,113
1/4	10,474	1/4	25,704	1/4	40,916	1/4	56,063	1/4	71,293	1/4	86,523	1/4	101,753	1/4	116,981	1/4	132,205	1/4	147,430
1/2	10,791	1/2	26,021	1/2	41,231	1/2	56,380	1/2	71,610	1/2	86,840	1/2	102,071	1/2	117,298	1/2	132,523	1/2	147,747
3/4	11,109	3/4	26,338	3/4	41,546	3/4	56,698	3/4	71,928	3/4	87,158	3/4	102,388	3/4	117,615	3/4	132,840	3/4	148,064
9	11,426	9	26,656	9	41,861	9	57,015	9	72,245	9	87,475	9	102,705	9	117,932	9	133,157	9	148,381
1/4	11,743	1/4	26,973	1/4	42,176	1/4	57,332	1/4	72,562	1/4	87,792	1/4	103,022	1/4	118,250	1/4	133,474	1/4	148,699
1/2	12,061	1/2	27,290	1/2	42,491	1/2	57,649	1/2	72,880	1/2	88,110	1/2	103,340	1/2	118,567	1/2	133,791	1/2	149,016
3/4	12,378	3/4	27,607	3/4	42,806	3/4	57,967	3/4	73,197	3/4	88,427	3/4	103,657	3/4	118,884	3/4	134,108	3/4	149,333
10	12,695	10	27,925	10	43,122	10	58,284	10	73,514	10	88,744	10	103,974	10	119,201	10	134,426	10	149,650
1/4	13,012	1/4	28,242	1/4	43,437	1/4	58,601	1/4	73,831	1/4	89,062	1/4	104,292	1/4	119,518	1/4	134,743	1/4	149,967
1/2	13,330	1/2	28,559	1/2	43,752	1/2	58,919	1/2	74,149	1/2	89,379	1/2	104,609	1/2	119,835	1/2	135,060	1/2	150,284
3/4	13,647	3/4	28,877	3/4	44,067	3/4	59,236	3/4	74,466	3/4	89,696	3/4	104,926	3/4	120,153	3/4	135,377	3/4	150,602
11	13,964	11	29,194	11	44,382	11	59,553	11	74,783	11	90,013	11	105,243	11	120,470	11	135,694	11	150,919
1/4	14,282	1/4	29,511	1/4	44,697	1/4	59,871	1/4	75,101	1/4	90,331	1/4	105,561	1/4	120,787	1/4	136,011	1/4	151,236
1/2	14,599	1/2	29,828	1/2	45,012	1/2	60,188	1/2	75,418	1/2	90,648	1/2	105,878	1/2	121,104	1/2	136,329	1/2	151,553
3/4	14,916	3/4	30,146	3/4	45,327	3/4	60,505	3/4	75,735	3/4	90,965	3/4	106,195	3/4	121,421	3/4	136,646	3/4	151,870

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 386"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	152,188	0	167,412	0	182,636	0	197,861	0	213,021	0		0		0		0		0	
1/4	152,505	1/4	167,729	1/4	182,954	1/4	198,178	1/4	213,334	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,822	1/2	168,046	1/2	183,271	1/2	198,495	1/2	213,647	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,139	3/4	168,364	3/4	183,588	3/4	198,812	3/4	213,960	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	153,456	1	168,681	1	183,905	1	199,130	1	214,273	1	1	1	1	1	1	1	1	1	1
1/4	153,773	1/4	168,998	1/4	184,222	1/4	199,446	1/4	214,586	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,091	1/2	169,315	1/2	184,540	1/2	199,762	1/2	214,899	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,408	3/4	169,632	3/4	184,857	3/4	200,078	3/4	215,212	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,725	2	169,949	2	185,174	2	200,393	2	215,525	2	2	2	2	2	2	2	2	2	2
1/4	155,042	1/4	170,267	1/4	185,491	1/4	200,709	1/4	215,838	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,359	1/2	170,584	1/2	185,808	1/2	201,025	1/2	216,151	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,676	3/4	170,901	3/4	186,125	3/4	201,341	3/4	216,464	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,994	3	171,218	3	186,443	3	201,657	3	216,777	3	3	3	3	3	3	3	3	3	3
1/4	156,311	1/4	171,535	1/4	186,760	1/4	201,973	1/4	217,090	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,628	1/2	171,852	1/2	187,077	1/2	202,289	1/2	217,402	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,945	3/4	172,170	3/4	187,394	3/4	202,605	3/4	217,715	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	157,262	4	172,487	4	187,711	4	202,921	4	218,027	4	4	4	4	4	4	4	4	4	4
1/4	157,580	1/4	172,804	1/4	188,028	1/4	203,237	1/4	218,339	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,897	1/2	173,121	1/2	188,346	1/2	203,553	1/2	218,651	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,214	3/4	173,438	3/4	188,663	3/4	203,869	3/4	218,962	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,531	5	173,756	5	188,980	5	204,185	5	219,274	5	5	5	5	5	5	5	5	5	5
1/4	158,848	1/4	174,073	1/4	189,297	1/4	204,501	1/4	219,560	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,165	1/2	174,390	1/2	189,614	1/2	204,817	1/2	219,847	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,483	3/4	174,707	3/4	189,932	3/4	205,133	3/4	220,133	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,800	6	175,024	6	190,249	6	205,449	6	220,420	6	6	6	6	6	6	6	6	6	6
1/4	160,117	1/4	175,341	1/4	190,566	1/4	205,765	1/4	220,653	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,434	1/2	175,659	1/2	190,883	1/2	206,081	1/2	220,887	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,751	3/4	175,976	3/4	191,200	3/4	206,397	3/4	221,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	161,068	7	176,293	7	191,517	7	206,713	7	221,354	7	7	7	7	7	7	7	7	7	7
1/4	161,386	1/4	176,610	1/4	191,835	1/4	207,028	1/4	221,536	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,703	1/2	176,927	1/2	192,152	1/2	207,344	1/2	221,718	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,020	3/4	177,244	3/4	192,469	3/4	207,660	3/4	221,901	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	162,337	8	177,562	8	192,786	8	207,976	8	222,083	8	8	8	8	8	8	8	8	8	8
1/4	162,654	1/4	177,879	1/4	193,103	1/4	208,292	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,972	1/2	178,196	1/2	193,420	1/2	208,608	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,289	3/4	178,513	3/4	193,738	3/4	208,924	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,606	9	178,830	9	194,055	9	209,240	9		9	9	9	9	9	9	9	9	9	9
1/4	163,923	1/4	179,148	1/4	194,372	1/4	209,556	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,240	1/2	179,465	1/2	194,689	1/2	209,872	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,557	3/4	179,782	3/4	195,006	3/4	210,188	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,875	10	180,099	10	195,324	10	210,504	10		10	10	10	10	10	10	10	10	10	10
1/4	165,192	1/4	180,416	1/4	195,641	1/4	210,820	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,509	1/2	180,733	1/2	195,958	1/2	211,136	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,826	3/4	181,051	3/4	196,275	3/4	211,453	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	166,143	11	181,368	11	196,592	11	211,769	11		11	11	11	11	11	11	11	11	11	11
1/4	166,460	1/4	181,685	1/4	196,909	1/4	212,082	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,778	1/2	182,002	1/2	197,227	1/2	212,395	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,095	3/4	182,319	3/4	197,544	3/4	212,708	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 386"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 386"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,719	0	166,889	0	182,059	0	197,229	0	212,334	0		0		0		0		0	
1/4	152,036	1/4	167,205	1/4	182,375	1/4	197,545	1/4	212,646	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,352	1/2	167,521	1/2	182,691	1/2	197,861	1/2	212,958	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,668	3/4	167,837	3/4	183,007	3/4	198,177	3/4	213,269	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,984	1	168,153	1	183,323	1	198,493	1	213,581	1	1	1	1	1	1	1	1	1	1
1/4	153,300	1/4	168,469	1/4	183,639	1/4	198,808	1/4	213,893	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,616	1/2	168,785	1/2	183,955	1/2	199,122	1/2	214,205	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,932	3/4	169,101	3/4	184,271	3/4	199,437	3/4	214,517	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	154,248	2	169,417	2	184,587	2	199,752	2	214,829	2	2	2	2	2	2	2	2	2	2
1/4	154,564	1/4	169,734	1/4	184,903	1/4	200,067	1/4	215,141	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,880	1/2	170,050	1/2	185,219	1/2	200,382	1/2	215,453	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,196	3/4	170,366	3/4	185,535	3/4	200,696	3/4	215,765	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	155,512	3	170,682	3	185,851	3	201,011	3	216,076	3	3	3	3	3	3	3	3	3	3
1/4	155,828	1/4	170,998	1/4	186,167	1/4	201,326	1/4	216,388	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,144	1/2	171,314	1/2	186,483	1/2	201,641	1/2	216,699	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,460	3/4	171,630	3/4	186,799	3/4	201,956	3/4	217,011	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,776	4	171,946	4	187,115	4	202,271	4	217,322	4	4	4	4	4	4	4	4	4	4
1/4	157,092	1/4	172,262	1/4	187,432	1/4	202,585	1/4	217,633	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	157,408	1/2	172,578	1/2	187,748	1/2	202,900	1/2	217,943	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,724	3/4	172,894	3/4	188,064	3/4	203,215	3/4	218,254	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	158,040	5	173,210	5	188,380	5	203,530	5	218,564	5	5	5	5	5	5	5	5	5	5
1/4	158,356	1/4	173,526	1/4	188,696	1/4	203,845	1/4	218,849	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,672	1/2	173,842	1/2	189,012	1/2	204,159	1/2	219,135	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,988	3/4	174,158	3/4	189,328	3/4	204,474	3/4	219,420	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	159,304	6	174,474	6	189,644	6	204,789	6	219,706	6	6	6	6	6	6	6	6	6	6
1/4	159,620	1/4	174,790	1/4	189,960	1/4	205,104	1/4	219,939	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,936	1/2	175,106	1/2	190,276	1/2	205,419	1/2	220,172	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,252	3/4	175,422	3/4	190,592	3/4	205,733	3/4	220,404	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	160,568	7	175,738	7	190,908	7	206,048	7	220,637	7	7	7	7	7	7	7	7	7	7
1/4	160,885	1/4	176,054	1/4	191,224	1/4	206,363	1/4	220,819	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,201	1/2	176,370	1/2	191,540	1/2	206,678	1/2	221,000	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,517	3/4	176,686	3/4	191,856	3/4	206,993	3/4	221,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,833	8	177,002	8	192,172	8	207,308	8	221,363	8	8	8	8	8	8	8	8	8	8
1/4	162,149	1/4	177,318	1/4	192,488	1/4	207,622	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,465	1/2	177,634	1/2	192,804	1/2	207,937	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,781	3/4	177,950	3/4	193,120	3/4	208,252	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	163,097	9	178,266	9	193,436	9	208,567	9		9	9	9	9	9	9	9	9	9	9
1/4	163,413	1/4	178,583	1/4	193,752	1/4	208,882	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,729	1/2	178,899	1/2	194,068	1/2	209,197	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,045	3/4	179,215	3/4	194,384	3/4	209,512	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	164,361	10	179,531	10	194,700	10	209,826	10		10	10	10	10	10	10	10	10	10	10
1/4	164,677	1/4	179,847	1/4	195,016	1/4	210,141	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,993	1/2	180,163	1/2	195,332	1/2	210,456	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,309	3/4	180,479	3/4	195,648	3/4	210,771	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	165,625	11	180,795	11	195,964	11	211,086	11		11	11	11	11	11	11	11	11	11	11
1/4	165,941	1/4	181,111	1/4	196,281	1/4	211,398	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,257	1/2	181,427	1/2	196,597	1/2	211,710	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,573	3/4	181,743	3/4	196,913	3/4	212,022	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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BARGE "CBC 386"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	961	0	15,182	0	30,361	0	45,195	0	60,030	0	75,209	0	90,388	0	105,567	0	120,742	0	135,915
1/4	1,146	1/4	15,499	1/4	30,677	1/4	45,497	1/4	60,347	1/4	75,526	1/4	90,705	1/4	105,884	1/4	121,058	1/4	136,232
1/2	1,330	1/2	15,815	1/2	30,993	1/2	45,799	1/2	60,663	1/2	75,842	1/2	91,021	1/2	106,200	1/2	121,374	1/2	136,548
3/4	1,514	3/4	16,131	3/4	31,309	3/4	46,101	3/4	60,979	3/4	76,158	3/4	91,337	3/4	106,516	3/4	121,690	3/4	136,864
1	1,699	1	16,447	1	31,626	1	46,403	1	61,295	1	76,474	1	91,653	1	106,832	1	122,007	1	137,180
1/4	1,936	1/4	16,763	1/4	31,942	1/4	46,704	1/4	61,612	1/4	76,791	1/4	91,969	1/4	107,148	1/4	122,323	1/4	137,496
1/2	2,173	1/2	17,080	1/2	32,258	1/2	47,006	1/2	61,928	1/2	77,107	1/2	92,286	1/2	107,465	1/2	122,639	1/2	137,812
3/4	2,410	3/4	17,396	3/4	32,574	3/4	47,308	3/4	62,244	3/4	77,423	3/4	92,602	3/4	107,781	3/4	122,955	3/4	138,128
2	2,647	2	17,712	2	32,890	2	47,610	2	62,560	2	77,739	2	92,918	2	108,097	2	123,271	2	138,444
1/4	2,937	1/4	18,028	1/4	33,207	1/4	47,912	1/4	62,876	1/4	78,055	1/4	93,234	1/4	108,413	1/4	123,587	1/4	138,760
1/2	3,227	1/2	18,344	1/2	33,523	1/2	48,213	1/2	63,193	1/2	78,372	1/2	93,551	1/2	108,730	1/2	123,903	1/2	139,077
3/4	3,517	3/4	18,661	3/4	33,839	3/4	48,515	3/4	63,509	3/4	78,688	3/4	93,867	3/4	109,046	3/4	124,219	3/4	139,393
3	3,806	3	18,977	3	34,155	3	48,817	3	63,825	3	79,004	3	94,183	3	109,362	3	124,535	3	139,709
1/4	4,121	1/4	19,293	1/4	34,471	1/4	49,119	1/4	64,141	1/4	79,320	1/4	94,499	1/4	109,678	1/4	124,852	1/4	140,025
1/2	4,436	1/2	19,609	1/2	34,788	1/2	49,421	1/2	64,458	1/2	79,637	1/2	94,816	1/2	109,994	1/2	125,168	1/2	140,341
3/4	4,751	3/4	19,926	3/4	35,104	3/4	49,723	3/4	64,774	3/4	79,953	3/4	95,132	3/4	110,310	3/4	125,484	3/4	140,657
4	5,065	4	20,242	4	35,420	4	50,024	4	65,090	4	80,269	4	95,448	4	110,626	4	125,800	4	140,973
1/4	5,381	1/4	20,558	1/4	35,736	1/4	50,326	1/4	65,406	1/4	80,585	1/4	95,764	1/4	110,943	1/4	126,116	1/4	141,289
1/2	5,697	1/2	20,874	1/2	36,053	1/2	50,628	1/2	65,723	1/2	80,901	1/2	96,080	1/2	111,259	1/2	126,432	1/2	141,605
3/4	6,013	3/4	21,190	3/4	36,369	3/4	50,930	3/4	66,039	3/4	81,218	3/4	96,397	3/4	111,575	3/4	126,748	3/4	141,922
5	6,328	5	21,507	5	36,685	5	51,232	5	66,355	5	81,534	5	96,713	5	111,891	5	127,064	5	142,238
1/4	6,645	1/4	21,823	1/4	37,001	1/4	51,534	1/4	66,671	1/4	81,850	1/4	97,029	1/4	112,207	1/4	127,380	1/4	142,554
1/2	6,961	1/2	22,139	1/2	37,317	1/2	51,836	1/2	66,987	1/2	82,166	1/2	97,345	1/2	112,523	1/2	127,697	1/2	142,870
3/4	7,277	3/4	22,455	3/4	37,634	3/4	52,139	3/4	67,304	3/4	82,483	3/4	97,662	3/4	112,839	3/4	128,013	3/4	143,186
6	7,593	6	22,771	6	37,950	6	52,441	6	67,620	6	82,799	6	97,978	6	113,155	6	128,329	6	143,502
1/4	7,909	1/4	23,088	1/4	38,252	1/4	52,757	1/4	67,936	1/4	83,115	1/4	98,294	1/4	113,471	1/4	128,645	1/4	143,818
1/2	8,226	1/2	23,404	1/2	38,554	1/2	53,073	1/2	68,252	1/2	83,431	1/2	98,610	1/2	113,788	1/2	128,961	1/2	144,134
3/4	8,542	3/4	23,720	3/4	38,857	3/4	53,390	3/4	68,569	3/4	83,748	3/4	98,927	3/4	114,104	3/4	129,277	3/4	144,450
7	8,858	7	24,036	7	39,159	7	53,706	7	68,885	7	84,064	7	99,243	7	114,420	7	129,593	7	144,767
1/4	9,174	1/4	24,353	1/4	39,461	1/4	54,022	1/4	69,201	1/4	84,380	1/4	99,559	1/4	114,736	1/4	129,909	1/4	145,083
1/2	9,490	1/2	24,669	1/2	39,763	1/2	54,338	1/2	69,517	1/2	84,696	1/2	99,875	1/2	115,052	1/2	130,225	1/2	145,399
3/4	9,807	3/4	24,985	3/4	40,065	3/4	54,655	3/4	69,833	3/4	85,012	3/4	100,191	3/4	115,368	3/4	130,542	3/4	145,715
8	10,123	8	25,301	8	40,366	8	54,971	8	70,150	8	85,329	8	100,508	8	115,684	8	130,858	8	146,031
1/4	10,439	1/4	25,617	1/4	40,668	1/4	55,287	1/4	70,466	1/4	85,645	1/4	100,824	1/4	116,000	1/4	131,174	1/4	146,347
1/2	10,755	1/2	25,934	1/2	40,970	1/2	55,603	1/2	70,782	1/2	85,961	1/2	101,140	1/2	116,316	1/2	131,490	1/2	146,663
3/4	11,071	3/4	26,250	3/4	41,272	3/4	55,919	3/4	71,098	3/4	86,277	3/4	101,456	3/4	116,633	3/4	131,806	3/4	146,979
9	11,388	9	26,566	9	41,574	9	56,236	9	71,415	9	86,594	9	101,773	9	116,949	9	132,122	9	147,295
1/4	11,704	1/4	26,882	1/4	41,875	1/4	56,552	1/4	71,731	1/4	86,910	1/4	102,089	1/4	117,265	1/4	132,438	1/4	147,612
1/2	12,020	1/2	27,199	1/2	42,177	1/2	56,868	1/2	72,047	1/2	87,226	1/2	102,405	1/2	117,581	1/2	132,754	1/2	147,928
3/4	12,336	3/4	27,515	3/4	42,479	3/4	57,184	3/4	72,363	3/4	87,542	3/4	102,721	3/4	117,897	3/4	133,070	3/4	148,244
10	12,653	10	27,831	10	42,781	10	57,501	10	72,680	10	87,859	10	103,037	10	118,213	10	133,387	10	148,560
1/4	12,969	1/4	28,147	1/4	43,083	1/4	57,817	1/4	72,996	1/4	88,175	1/4	103,354	1/4	118,529	1/4	133,703	1/4	148,876
1/2	13,285	1/2	28,463	1/2	43,384	1/2	58,133	1/2	73,312	1/2	88,491	1/2	103,670	1/2	118,845	1/2	134,019	1/2	149,192
3/4	13,601	3/4	28,780	3/4	43,686	3/4	58,449	3/4	73,628	3/4	88,807	3/4	103,986	3/4	119,162	3/4	134,335	3/4	149,508
11	13,917	11	29,096	11	43,988	11	58,765	11	73,944	11	89,123	11	104,302	11	119,478	11	134,651	11	149,824
1/4	14,234	1/4	29,412	1/4	44,290	1/4	59,082	1/4	74,261	1/4	89,440	1/4	104,619	1/4	119,794	1/4	134,967	1/4	150,140
1/2	14,550	1/2	29,728	1/2	44,592	1/2	59,398	1/2	74,577	1/2	89,756	1/2	104,935	1/2	120,110	1/2	135,283	1/2	150,457
3/4	14,866	3/4	30,044	3/4	44,894	3/4	59,714	3/4	74,893	3/4	90,072	3/4	105,251	3/4	120,426	3/4	135,599	3/4	150,773

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 386"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	151,089	0	166,262	0	181,436	0	196,609	0	211,718	0		0		0		0		0	
1/4	151,405	1/4	166,578	1/4	181,752	1/4	196,925	1/4	212,030	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,721	1/2	166,894	1/2	182,068	1/2	197,241	1/2	212,342	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,037	3/4	167,210	3/4	182,384	3/4	197,557	3/4	212,654	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	152,353	1	167,527	1	182,700	1	197,873	1	212,966	1	1	1	1	1	1	1	1	1	1
1/4	152,669	1/4	167,843	1/4	183,016	1/4	198,188	1/4	213,278	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,985	1/2	168,159	1/2	183,332	1/2	198,503	1/2	213,590	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,302	3/4	168,475	3/4	183,648	3/4	198,818	3/4	213,902	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	153,618	2	168,791	2	183,964	2	199,133	2	214,214	2	2	2	2	2	2	2	2	2	2
1/4	153,934	1/4	169,107	1/4	184,281	1/4	199,448	1/4	214,526	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,250	1/2	169,423	1/2	184,597	1/2	199,763	1/2	214,837	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,566	3/4	169,739	3/4	184,913	3/4	200,078	3/4	215,149	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	154,882	3	170,056	3	185,229	3	200,392	3	215,461	3	3	3	3	3	3	3	3	3	3
1/4	155,198	1/4	170,372	1/4	185,545	1/4	200,707	1/4	215,773	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,514	1/2	170,688	1/2	185,861	1/2	201,022	1/2	216,084	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,830	3/4	171,004	3/4	186,177	3/4	201,337	3/4	216,396	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	156,147	4	171,320	4	186,493	4	201,652	4	216,708	4	4	4	4	4	4	4	4	4	4
1/4	156,463	1/4	171,636	1/4	186,809	1/4	201,967	1/4	217,018	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,779	1/2	171,952	1/2	187,126	1/2	202,282	1/2	217,329	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	157,095	3/4	172,268	3/4	187,442	3/4	202,597	3/4	217,639	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	157,411	5	172,584	5	187,758	5	202,912	5	217,950	5	5	5	5	5	5	5	5	5	5
1/4	157,727	1/4	172,901	1/4	188,074	1/4	203,226	1/4	218,235	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,043	1/2	173,217	1/2	188,390	1/2	203,541	1/2	218,521	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	158,359	3/4	173,533	3/4	188,706	3/4	203,856	3/4	218,806	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	158,675	6	173,849	6	189,022	6	204,171	6	219,092	6	6	6	6	6	6	6	6	6	6
1/4	158,992	1/4	174,165	1/4	189,338	1/4	204,486	1/4	219,325	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,308	1/2	174,481	1/2	189,654	1/2	204,801	1/2	219,558	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,624	3/4	174,797	3/4	189,971	3/4	205,116	3/4	219,790	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	159,940	7	175,113	7	190,287	7	205,431	7	220,023	7	7	7	7	7	7	7	7	7	7
1/4	160,256	1/4	175,429	1/4	190,603	1/4	205,746	1/4	220,205	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,572	1/2	175,746	1/2	190,919	1/2	206,061	1/2	220,386	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,888	3/4	176,062	3/4	191,235	3/4	206,375	3/4	220,568	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	161,204	8	176,378	8	191,551	8	206,690	8	220,749	8	8	8	8	8	8	8	8	8	8
1/4	161,520	1/4	176,694	1/4	191,867	1/4	207,005	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,837	1/2	177,010	1/2	192,183	1/2	207,320	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,153	3/4	177,326	3/4	192,499	3/4	207,635	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	162,469	9	177,642	9	192,816	9	207,950	9		9	9	9	9	9	9	9	9	9	9
1/4	162,785	1/4	177,958	1/4	193,132	1/4	208,265	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,101	1/2	178,274	1/2	193,448	1/2	208,580	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,417	3/4	178,591	3/4	193,764	3/4	208,895	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163,733	10	178,907	10	194,080	10	209,210	10		10	10	10	10	10	10	10	10	10	10
1/4	164,049	1/4	179,223	1/4	194,396	1/4	209,525	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,365	1/2	179,539	1/2	194,712	1/2	209,840	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,682	3/4	179,855	3/4	195,028	3/4	210,155	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	164,998	11	180,171	11	195,344	11	210,470	11		11	11	11	11	11	11	11	11	11	11
1/4	165,314	1/4	180,487	1/4	195,661	1/4	210,782	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,630	1/2	180,803	1/2	195,977	1/2	211,094	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,946	3/4	181,119	3/4	196,293	3/4	211,406	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "CBC 386"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 386"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
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BARGE "CBC 386"

3 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	958	0	15,102	0	30,199	0	44,803	0	59,629	0	74,701	0	89,793	0	104,882	0	119,962	0	134,998
1/4	1,141	1/4	15,417	1/4	30,514	1/4	45,104	1/4	59,941	1/4	75,016	1/4	90,107	1/4	105,196	1/4	120,276	1/4	135,310
1/2	1,325	1/2	15,731	1/2	30,828	1/2	45,404	1/2	60,253	1/2	75,330	1/2	90,421	1/2	105,510	1/2	120,590	1/2	135,623
3/4	1,509	3/4	16,046	3/4	31,143	3/4	45,704	3/4	60,565	3/4	75,644	3/4	90,736	3/4	105,825	3/4	120,904	3/4	135,935
1	1,692	1	16,360	1	31,457	1	46,005	1	60,877	1	75,959	1	91,050	1	106,139	1	121,218	1	136,247
1/4	1,928	1/4	16,675	1/4	31,772	1/4	46,305	1/4	61,188	1/4	76,273	1/4	91,364	1/4	106,453	1/4	121,531	1/4	136,560
1/2	2,164	1/2	16,989	1/2	32,086	1/2	46,605	1/2	61,500	1/2	76,588	1/2	91,679	1/2	106,768	1/2	121,844	1/2	136,872
3/4	2,400	3/4	17,304	3/4	32,401	3/4	46,906	3/4	61,812	3/4	76,902	3/4	91,993	3/4	107,082	3/4	122,158	3/4	137,184
2	2,636	2	17,618	2	32,715	2	47,206	2	62,124	2	77,217	2	92,307	2	107,397	2	122,471	2	137,497
1/4	2,923	1/4	17,933	1/4	33,030	1/4	47,506	1/4	62,438	1/4	77,531	1/4	92,622	1/4	107,711	1/4	122,785	1/4	137,809
1/2	3,211	1/2	18,248	1/2	33,344	1/2	47,807	1/2	62,753	1/2	77,845	1/2	92,936	1/2	108,025	1/2	123,098	1/2	138,121
3/4	3,499	3/4	18,562	3/4	33,659	3/4	48,107	3/4	63,067	3/4	78,160	3/4	93,251	3/4	108,340	3/4	123,412	3/4	138,434
3	3,787	3	18,877	3	33,973	3	48,407	3	63,382	3	78,474	3	93,565	3	108,654	3	123,725	3	138,746
1/4	4,100	1/4	19,191	1/4	34,276	1/4	48,720	1/4	63,696	1/4	78,789	1/4	93,879	1/4	108,968	1/4	124,039	1/4	139,059
1/2	4,413	1/2	19,506	1/2	34,579	1/2	49,032	1/2	64,011	1/2	79,103	1/2	94,194	1/2	109,283	1/2	124,352	1/2	139,372
3/4	4,726	3/4	19,820	3/4	34,881	3/4	49,344	3/4	64,325	3/4	79,418	3/4	94,508	3/4	109,597	3/4	124,665	3/4	139,685
4	5,039	4	20,135	4	35,184	4	49,657	4	64,639	4	79,732	4	94,822	4	109,911	4	124,979	4	139,998
1/4	5,353	1/4	20,449	1/4	35,485	1/4	49,968	1/4	64,954	1/4	80,046	1/4	95,137	1/4	110,225	1/4	125,292	1/4	140,311
1/2	5,667	1/2	20,764	1/2	35,787	1/2	50,279	1/2	65,268	1/2	80,361	1/2	95,451	1/2	110,540	1/2	125,606	1/2	140,624
3/4	5,982	3/4	21,078	3/4	36,088	3/4	50,590	3/4	65,583	3/4	80,675	3/4	95,765	3/4	110,854	3/4	125,919	3/4	140,937
5	6,296	5	21,393	5	36,389	5	50,901	5	65,897	5	80,990	5	96,080	5	111,168	5	126,233	5	141,250
1/4	6,611	1/4	21,707	1/4	36,691	1/4	51,212	1/4	66,212	1/4	81,304	1/4	96,394	1/4	111,483	1/4	126,546	1/4	141,563
1/2	6,925	1/2	22,022	1/2	36,992	1/2	51,523	1/2	66,526	1/2	81,619	1/2	96,708	1/2	111,797	1/2	126,859	1/2	141,876
3/4	7,239	3/4	22,336	3/4	37,294	3/4	51,834	3/4	66,840	3/4	81,933	3/4	97,023	3/4	112,111	3/4	127,173	3/4	142,189
6	7,554	6	22,651	6	37,595	6	52,145	6	67,155	6	82,248	6	97,337	6	112,425	6	127,486	6	142,502
1/4	7,868	1/4	22,965	1/4	37,895	1/4	52,457	1/4	67,469	1/4	82,562	1/4	97,652	1/4	112,740	1/4	127,800	1/4	142,815
1/2	8,183	1/2	23,280	1/2	38,196	1/2	52,769	1/2	67,784	1/2	82,876	1/2	97,966	1/2	113,054	1/2	128,113	1/2	143,128
3/4	8,497	3/4	23,594	3/4	38,496	3/4	53,081	3/4	68,098	3/4	83,191	3/4	98,280	3/4	113,368	3/4	128,427	3/4	143,441
7	8,812	7	23,909	7	38,797	7	53,393	7	68,413	7	83,505	7	98,595	7	113,683	7	128,740	7	143,754
1/4	9,127	1/4	24,223	1/4	39,097	1/4	53,704	1/4	68,727	1/4	83,820	1/4	98,909	1/4	113,997	1/4	129,054	1/4	144,067
1/2	9,441	1/2	24,538	1/2	39,397	1/2	54,016	1/2	69,041	1/2	84,134	1/2	99,223	1/2	114,311	1/2	129,368	1/2	144,380
3/4	9,756	3/4	24,852	3/4	39,698	3/4	54,328	3/4	69,356	3/4	84,449	3/4	99,538	3/4	114,626	3/4	129,681	3/4	144,693
8	10,070	8	25,167	8	39,998	8	54,640	8	69,670	8	84,763	8	99,852	8	114,940	8	129,995	8	145,006
1/4	10,385	1/4	25,481	1/4	40,298	1/4	54,952	1/4	69,985	1/4	85,077	1/4	100,166	1/4	115,254	1/4	130,309	1/4	145,318
1/2	10,699	1/2	25,796	1/2	40,599	1/2	55,264	1/2	70,299	1/2	85,392	1/2	100,481	1/2	115,569	1/2	130,623	1/2	145,631
3/4	11,014	3/4	26,110	3/4	40,899	3/4	55,575	3/4	70,614	3/4	85,706	3/4	100,795	3/4	115,883	3/4	130,936	3/4	145,944
9	11,328	9	26,425	9	41,199	9	55,887	9	70,928	9	86,020	9	101,109	9	116,197	9	131,250	9	146,257
1/4	11,643	1/4	26,739	1/4	41,500	1/4	56,199	1/4	71,242	1/4	86,335	1/4	101,424	1/4	116,511	1/4	131,563	1/4	146,426
1/2	11,957	1/2	27,054	1/2	41,800	1/2	56,511	1/2	71,557	1/2	86,649	1/2	101,738	1/2	116,825	1/2	131,875	1/2	146,595
3/4	12,272	3/4	27,369	3/4	42,100	3/4	56,823	3/4	71,871	3/4	86,963	3/4	102,052	3/4	117,139	3/4	132,187	3/4	146,764
10	12,586	10	27,683	10	42,401	10	57,135	10	72,186	10	87,278	10	102,367	10	117,452	10	132,500	10	146,933
1/4	12,901	1/4	27,998	1/4	42,701	1/4	57,446	1/4	72,500	1/4	87,592	1/4	102,681	1/4	117,766	1/4	132,812	1/4	147,101
1/2	13,215	1/2	28,312	1/2	43,001	1/2	57,758	1/2	72,815	1/2	87,906	1/2	102,996	1/2	118,080	1/2	133,124	1/2	147,270
3/4	13,530	3/4	28,627	3/4	43,302	3/4	58,070	3/4	73,129	3/4	88,221	3/4	103,310	3/4	118,394	3/4	133,437	3/4	147,439
11	13,844	11	28,941	11	43,602	11	58,382	11	73,443	11	88,535	11	103,624	11	118,707	11	133,749	11	147,608
1/4	14,159	1/4	29,256	1/4	43,902	1/4	58,694	1/4	73,758	1/4	88,850	1/4	103,939	1/4	119,021	1/4	134,061	1/4	147,777
1/2	14,473	1/2	29,570	1/2	44,203	1/2	59,006	1/2	74,072	1/2	89,164	1/2	104,253	1/2	119,335	1/2	134,373	1/2	147,946
3/4	14,788	3/4	29,885	3/4	44,503	3/4	59,317	3/4	74,387	3/4	89,478	3/4	104,567	3/4	119,649	3/4	134,686	3/4	148,114

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 386"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	148,283	0	156,386	0	164,489	0	172,592	0	180,662	0		0		0		0		0	
1/4	148,452	1/4	156,555	1/4	164,658	1/4	172,761	1/4	180,828	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	148,621	1/2	156,724	1/2	164,827	1/2	172,930	1/2	180,995	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	148,790	3/4	156,893	3/4	164,996	3/4	173,099	3/4	181,162	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	148,958	1	157,061	1	165,164	1	173,268	1	181,328	1	1	1	1	1	1	1	1	1	1
1/4	149,127	1/4	157,230	1/4	165,333	1/4	173,436	1/4	181,495	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,296	1/2	157,399	1/2	165,502	1/2	173,604	1/2	181,661	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	149,465	3/4	157,568	3/4	165,671	3/4	173,772	3/4	181,828	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	149,634	2	157,737	2	165,840	2	173,940	2	181,995	2	2	2	2	2	2	2	2	2	2
1/4	149,802	1/4	157,906	1/4	166,009	1/4	174,109	1/4	182,161	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149,971	1/2	158,074	1/2	166,177	1/2	174,277	1/2	182,328	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,140	3/4	158,243	3/4	166,346	3/4	174,445	3/4	182,494	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	150,309	3	158,412	3	166,515	3	174,613	3	182,661	3	3	3	3	3	3	3	3	3	3
1/4	150,478	1/4	158,581	1/4	166,684	1/4	174,781	1/4	182,827	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	150,647	1/2	158,750	1/2	166,853	1/2	174,950	1/2	182,993	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	150,815	3/4	158,918	3/4	167,021	3/4	175,118	3/4	183,159	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	150,984	4	159,087	4	167,190	4	175,286	4	183,325	4	4	4	4	4	4	4	4	4	4
1/4	151,153	1/4	159,256	1/4	167,359	1/4	175,454	1/4	183,490	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,322	1/2	159,425	1/2	167,528	1/2	175,622	1/2	183,656	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	151,491	3/4	159,594	3/4	167,697	3/4	175,791	3/4	183,821	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	151,659	5	159,762	5	167,865	5	175,959	5	183,986	5	5	5	5	5	5	5	5	5	5
1/4	151,828	1/4	159,931	1/4	168,034	1/4	176,127	1/4	184,126	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	151,997	1/2	160,100	1/2	168,203	1/2	176,295	1/2	184,266	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,166	3/4	160,269	3/4	168,372	3/4	176,463	3/4	184,407	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	152,335	6	160,438	6	168,541	6	176,632	6	184,547	6	6	6	6	6	6	6	6	6	6
1/4	152,504	1/4	160,607	1/4	168,710	1/4	176,800	1/4	184,635	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	152,672	1/2	160,775	1/2	168,878	1/2	176,968	1/2	184,723	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	152,841	3/4	160,944	3/4	169,047	3/4	177,136	3/4	184,810	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	153,010	7	161,113	7	169,216	7	177,304	7	184,898	7	7	7	7	7	7	7	7	7	7
1/4	153,179	1/4	161,282	1/4	169,385	1/4	177,473	1/4	184,934	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	153,348	1/2	161,451	1/2	169,554	1/2	177,641	1/2	184,970	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	153,516	3/4	161,619	3/4	169,722	3/4	177,809	3/4	185,006	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	153,685	8	161,788	8	169,891	8	177,977	8	185,042	8	8	8	8	8	8	8	8	8	8
1/4	153,854	1/4	161,957	1/4	170,060	1/4	178,145	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,023	1/2	162,126	1/2	170,229	1/2	178,314	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,192	3/4	162,295	3/4	170,398	3/4	178,482	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	154,360	9	162,463	9	170,566	9	178,650	9		9	9	9	9	9	9	9	9	9	9
1/4	154,529	1/4	162,632	1/4	170,735	1/4	178,818	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	154,698	1/2	162,801	1/2	170,904	1/2	178,986	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	154,867	3/4	162,970	3/4	171,073	3/4	179,155	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	155,036	10	163,139	10	171,242	10	179,323	10		10	10	10	10	10	10	10	10	10	10
1/4	155,205	1/4	163,308	1/4	171,411	1/4	179,491	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155,373	1/2	163,476	1/2	171,579	1/2	179,659	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155,542	3/4	163,645	3/4	171,748	3/4	179,827	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	155,711	11	163,814	11	171,917	11	179,996	11		11	11	11	11	11	11	11	11	11	11
1/4	155,880	1/4	163,983	1/4	172,086	1/4	180,162	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156,049	1/2	164,152	1/2	172,255	1/2	180,329	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	156,217	3/4	164,320	3/4	172,423	3/4	180,495	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 386"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
1 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 PORT	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

September 18, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588

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BARGE "CBC 386"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	208,472	0	193,276	0	178,044	0	162,812	0	147,580	0	132,349	0	117,117	0	101,882
1/4	1/4	222,269	1/4	208,156	1/4	192,958	1/4	177,727	1/4	162,495	1/4	147,263	1/4	132,031	1/4	116,799	1/4	101,564	
1/2	1/2	222,087	1/2	207,840	1/2	192,641	1/2	177,409	1/2	162,177	1/2	146,946	1/2	131,714	1/2	116,482	1/2	101,247	
3/4	3/4	221,905	3/4	207,524	3/4	192,324	3/4	177,092	3/4	161,860	3/4	146,628	3/4	131,397	3/4	116,165	3/4	100,929	
1		221,723	1	207,208	1	192,006	1	176,775	1	161,543	1	146,311	1	131,079	1	115,847	1	100,612	
1/4	1/4	221,541	1/4	206,891	1/4	191,689	1/4	176,457	1/4	161,225	1/4	145,994	1/4	130,762	1/4	115,530	1/4	100,295	
1/2	1/2	221,307	1/2	206,575	1/2	191,372	1/2	176,140	1/2	160,908	1/2	145,676	1/2	130,445	1/2	115,213	1/2	99,977	
3/4	3/4	221,073	3/4	206,259	3/4	191,054	3/4	175,823	3/4	160,591	3/4	145,359	3/4	130,127	3/4	114,895	3/4	99,660	
2		220,839	2	205,943	2	190,737	2	175,505	2	160,273	2	145,042	2	129,810	2	114,578	2	99,342	
1/4	1/4	220,605	1/4	205,627	1/4	190,420	1/4	175,188	1/4	159,956	1/4	144,724	1/4	129,493	1/4	114,261	1/4	99,025	
1/2	1/2	220,319	1/2	205,311	1/2	190,102	1/2	174,871	1/2	159,639	1/2	144,407	1/2	129,175	1/2	113,943	1/2	98,707	
3/4	3/4	220,032	3/4	204,995	3/4	189,785	3/4	174,553	3/4	159,321	3/4	144,090	3/4	128,858	3/4	113,626	3/4	98,390	
3		219,745	3	204,679	3	189,468	3	174,236	3	159,004	3	143,772	3	128,541	3	113,309	3	98,072	
1/4	1/4	219,459	1/4	204,363	1/4	189,150	1/4	173,919	1/4	158,687	1/4	143,455	1/4	128,223	1/4	112,991	1/4	97,755	
1/2	1/2	219,147	1/2	204,047	1/2	188,833	1/2	173,601	1/2	158,370	1/2	143,138	1/2	127,906	1/2	112,674	1/2	97,438	
3/4	3/4	218,835	3/4	203,730	3/4	188,516	3/4	173,284	3/4	158,052	3/4	142,820	3/4	127,589	3/4	112,357	3/4	97,120	
4		218,524	4	203,414	4	188,198	4	172,967	4	157,735	4	142,503	4	127,271	4	112,039	4	96,803	
1/4	1/4	218,212	1/4	203,098	1/4	187,881	1/4	172,649	1/4	157,418	1/4	142,186	1/4	126,954	1/4	111,722	1/4	96,485	
1/2	1/2	217,899	1/2	202,782	1/2	187,564	1/2	172,332	1/2	157,100	1/2	141,868	1/2	126,637	1/2	111,405	1/2	96,168	
3/4	3/4	217,586	3/4	202,466	3/4	187,246	3/4	172,015	3/4	156,783	3/4	141,551	3/4	126,319	3/4	111,087	3/4	95,850	
5		217,274	5	202,150	5	186,929	5	171,697	5	156,466	5	141,234	5	126,002	5	110,770	5	95,533	
1/4	1/4	216,961	1/4	201,834	1/4	186,612	1/4	171,380	1/4	156,148	1/4	140,916	1/4	125,685	1/4	110,453	1/4	95,215	
1/2	1/2	216,648	1/2	201,518	1/2	186,294	1/2	171,063	1/2	155,831	1/2	140,599	1/2	125,367	1/2	110,135	1/2	94,898	
3/4	3/4	216,335	3/4	201,202	3/4	185,977	3/4	170,745	3/4	155,514	3/4	140,282	3/4	125,050	3/4	109,818	3/4	94,581	
6		216,021	6	200,885	6	185,660	6	170,428	6	155,196	6	139,964	6	124,733	6	109,500	6	94,263	
1/4	1/4	215,708	1/4	200,569	1/4	185,342	1/4	170,111	1/4	154,879	1/4	139,647	1/4	124,415	1/4	109,183	1/4	93,946	
1/2	1/2	215,395	1/2	200,253	1/2	185,025	1/2	169,793	1/2	154,562	1/2	139,330	1/2	124,098	1/2	108,866	1/2	93,628	
3/4	3/4	215,082	3/4	199,937	3/4	184,708	3/4	169,476	3/4	154,244	3/4	139,012	3/4	123,781	3/4	108,548	3/4	93,311	
7		214,769	7	199,621	7	184,390	7	169,159	7	153,927	7	138,695	7	123,463	7	108,231	7	92,993	
1/4	1/4	214,456	1/4	199,305	1/4	184,073	1/4	168,841	1/4	153,610	1/4	138,378	1/4	123,146	1/4	107,913	1/4	92,676	
1/2	1/2	214,142	1/2	198,988	1/2	183,756	1/2	168,524	1/2	153,292	1/2	138,060	1/2	122,829	1/2	107,596	1/2	92,358	
3/4	3/4	213,829	3/4	198,670	3/4	183,439	3/4	168,207	3/4	152,975	3/4	137,743	3/4	122,511	3/4	107,278	3/4	92,041	
8		213,516	8	198,353	8	183,121	8	167,889	8	152,658	8	137,426	8	122,194	8	106,961	8	91,724	
1/4	1/4	213,203	1/4	198,036	1/4	182,804	1/4	167,572	1/4	152,340	1/4	137,108	1/4	121,877	1/4	106,643	1/4	91,406	
1/2	1/2	212,890	1/2	197,718	1/2	182,487	1/2	167,255	1/2	152,023	1/2	136,791	1/2	121,559	1/2	106,326	1/2	91,089	
3/4	3/4	212,576	3/4	197,401	3/4	182,169	3/4	166,937	3/4	151,706	3/4	136,474	3/4	121,242	3/4	106,009	3/4	90,771	
9		212,263	9	197,084	9	181,852	9	166,620	9	151,388	9	136,156	9	120,925	9	105,691	9	90,454	
1/4	1/4	211,950	1/4	196,766	1/4	181,535	1/4	166,303	1/4	151,071	1/4	135,839	1/4	120,607	1/4	105,374	1/4	90,136	
1/2	1/2	211,634	1/2	196,449	1/2	181,217	1/2	165,985	1/2	150,754	1/2	135,522	1/2	120,290	1/2	105,056	1/2	89,819	
3/4	3/4	211,318	3/4	196,132	3/4	180,900	3/4	165,668	3/4	150,436	3/4	135,204	3/4	119,973	3/4	104,739	3/4	89,501	
10		211,001	10	195,814	10	180,583	10	165,351	10	150,119	10	134,887	10	119,655	10	104,421	10	89,184	
1/4	1/4	210,685	1/4	195,497	1/4	180,265	1/4	165,033	1/4	149,802	1/4	134,570	1/4	119,338	1/4	104,104	1/4	88,867	
1/2	1/2	210,369	1/2	195,180	1/2	179,948	1/2	164,716	1/2	149,484	1/2	134,253	1/2	119,021	1/2	103,786	1/2	88,549	
3/4	3/4	210,053	3/4	194,862	3/4	179,631	3/4	164,399	3/4	149,167	3/4	133,935	3/4	118,703	3/4	103,469	3/4	88,232	
11		209,737	11	194,545	11	179,313	11	164,081	11	148,850	11	133,618	11	118,386	11	103,152	11	87,914	
1/4	1/4	209,420	1/4	194,228	1/4	178,996	1/4	163,764	1/4	148,532	1/4	133,301	1/4	118,069	1/4	102,834	1/4	87,597	
1/2	1/2	209,104	1/2	193,910	1/2	178,679	1/2	163,447	1/2	148,215	1/2	132,983	1/2	117,751	1/2	102,517	1/2	87,279	
3/4	3/4	208,788	3/4	193,593	3/4	178,361	3/4	163,129	3/4	147,898	3/4	132,666	3/4	117,434	3/4	102,199	3/4	86,962	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 386"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,644	0	71,407	0	56,170	0	40,950	0	25,716	0	10,479	0		0		0		0	
1/4	86,327	1/4	71,090	1/4	55,852	1/4	40,633	1/4	25,399	1/4	10,162	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,010	1/2	70,772	1/2	55,535	1/2	40,316	1/2	25,081	1/2	9,844	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,692	3/4	70,455	3/4	55,217	3/4	40,000	3/4	24,764	3/4	9,527	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,375	1	70,137	1	54,900	1	39,683	1	24,446	1	9,209	1	1	1	1	1	1	1	1
1/4	85,057	1/4	69,820	1/4	54,582	1/4	39,366	1/4	24,129	1/4	8,892	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,740	1/2	69,502	1/2	54,265	1/2	39,048	1/2	23,811	1/2	8,575	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,422	3/4	69,185	3/4	53,947	3/4	38,731	3/4	23,494	3/4	8,257	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,105	2	68,867	2	53,630	2	38,413	2	23,177	2	7,940	2	2	2	2	2	2	2	2
1/4	83,787	1/4	68,550	1/4	53,313	1/4	38,096	1/4	22,859	1/4	7,622	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,470	1/2	68,233	1/2	52,995	1/2	37,778	1/2	22,542	1/2	7,305	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,153	3/4	67,915	3/4	52,678	3/4	37,461	3/4	22,224	3/4	6,988	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,835	3	67,598	3	52,360	3	37,144	3	21,907	3	6,670	3	3	3	3	3	3	3	3
1/4	82,518	1/4	67,280	1/4	52,043	1/4	36,826	1/4	21,589	1/4	6,353	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,200	1/2	66,963	1/2	51,726	1/2	36,509	1/2	21,272	1/2	6,036	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,883	3/4	66,645	3/4	51,409	3/4	36,191	3/4	20,955	3/4	5,719	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,565	4	66,328	4	51,092	4	35,874	4	20,637	4	5,402	4	4	4	4	4	4	4	4
1/4	81,248	1/4	66,010	1/4	50,775	1/4	35,556	1/4	20,320	1/4	5,085	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,930	1/2	65,693	1/2	50,458	1/2	35,239	1/2	20,002	1/2	4,769	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,613	3/4	65,376	3/4	50,141	3/4	34,922	3/4	19,685	3/4	4,453	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,295	5	65,058	5	49,824	5	34,604	5	19,367	5	4,137	5	5	5	5	5	5	5	5
1/4	79,978	1/4	64,741	1/4	49,507	1/4	34,287	1/4	19,050	1/4	3,821	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,661	1/2	64,423	1/2	49,190	1/2	33,969	1/2	18,732	1/2	3,503	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,343	3/4	64,106	3/4	48,874	3/4	33,652	3/4	18,415	3/4	3,239	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,026	6	63,788	6	48,557	6	33,334	6	18,098	6	2,948	6	6	6	6	6	6	6	6
1/4	78,708	1/4	63,471	1/4	48,240	1/4	33,017	1/4	17,780	1/4	2,658	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,391	1/2	63,153	1/2	47,923	1/2	32,700	1/2	17,463	1/2	2,419	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,073	3/4	62,836	3/4	47,606	3/4	32,382	3/4	17,145	3/4	2,181	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,756	7	62,519	7	47,289	7	32,065	7	16,828	7	1,943	7	7	7	7	7	7	7	7
1/4	77,438	1/4	62,201	1/4	46,972	1/4	31,747	1/4	16,510	1/4	1,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,121	1/2	61,884	1/2	46,655	1/2	31,430	1/2	16,193	1/2	1,520	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,804	3/4	61,566	3/4	46,338	3/4	31,112	3/4	15,876	3/4	1,335	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,486	8	61,249	8	46,021	8	30,795	8	15,558	8	1,150	8	8	8	8	8	8	8	8
1/4	76,169	1/4	60,931	1/4	45,704	1/4	30,478	1/4	15,241	1/4	965	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,851	1/2	60,614	1/2	45,387	1/2	30,160	1/2	14,923	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,534	3/4	60,296	3/4	45,070	3/4	29,843	3/4	14,606	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,216	9	59,979	9	44,753	9	29,525	9	14,288	9		9	9	9	9	9	9	9	9
1/4	74,899	1/4	59,662	1/4	44,437	1/4	29,208	1/4	13,971	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,581	1/2	59,344	1/2	44,120	1/2	28,890	1/2	13,654	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,264	3/4	59,027	3/4	43,803	3/4	28,573	3/4	13,336	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,947	10	58,709	10	43,486	10	28,255	10	13,019	10		10	10	10	10	10	10	10	10
1/4	73,629	1/4	58,392	1/4	43,169	1/4	27,938	1/4	12,701	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,312	1/2	58,074	1/2	42,852	1/2	27,621	1/2	12,384	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,994	3/4	57,757	3/4	42,535	3/4	27,303	3/4	12,066	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,677	11	57,439	11	42,218	11	26,986	11	11,749	11		11	11	11	11	11	11	11	11
1/4	72,359	1/4	57,122	1/4	41,901	1/4	26,668	1/4	11,432	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,042	1/2	56,805	1/2	41,584	1/2	26,351	1/2	11,114	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,724	3/4	56,487	3/4	41,267	3/4	26,033	3/4	10,797	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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



BARGE "CBC 386"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	208,292	0	193,103	0	177,879	0	162,654	0	147,430	0	132,205	0	116,981	0	101,753
1/4	1/4	222,083	1/4	207,976	1/4	192,786	1/4	177,562	1/4	162,337	1/4	147,113	1/4	131,888	1/4	116,664	1/4	101,436	1/4
1/2	1/2	221,901	1/2	207,660	1/2	192,469	1/2	177,244	1/2	162,020	1/2	146,796	1/2	131,571	1/2	116,347	1/2	101,119	1/2
3/4	3/4	221,718	3/4	207,344	3/4	192,152	3/4	176,927	3/4	161,703	3/4	146,478	3/4	131,254	3/4	116,029	3/4	100,801	3/4
1		221,536	1	207,028	1	191,835	1	176,610	1	161,386	1	146,161	1	130,937	1	115,712	1	100,484	1
1/4	1/4	221,354	1/4	206,713	1/4	191,517	1/4	176,293	1/4	161,068	1/4	145,844	1/4	130,619	1/4	115,395	1/4	100,167	1/4
1/2	1/2	221,121	1/2	206,397	1/2	191,200	1/2	175,976	1/2	160,751	1/2	145,527	1/2	130,302	1/2	115,078	1/2	99,849	1/2
3/4	3/4	220,887	3/4	206,081	3/4	190,883	3/4	175,659	3/4	160,434	3/4	145,210	3/4	129,985	3/4	114,761	3/4	99,532	3/4
2		220,653	2	205,765	2	190,566	2	175,341	2	160,117	2	144,892	2	129,668	2	114,443	2	99,215	2
1/4	1/4	220,420	1/4	205,449	1/4	190,249	1/4	175,024	1/4	159,800	1/4	144,575	1/4	129,351	1/4	114,126	1/4	98,898	1/4
1/2	1/2	220,133	1/2	205,133	1/2	189,932	1/2	174,707	1/2	159,483	1/2	144,258	1/2	129,034	1/2	113,809	1/2	98,580	1/2
3/4	3/4	219,847	3/4	204,817	3/4	189,614	3/4	174,390	3/4	159,165	3/4	143,941	3/4	128,716	3/4	113,492	3/4	98,263	3/4
3		219,560	3	204,501	3	189,297	3	174,073	3	158,848	3	143,624	3	128,399	3	113,175	3	97,946	3
1/4	1/4	219,274	1/4	204,185	1/4	188,980	1/4	173,756	1/4	158,531	1/4	143,307	1/4	128,082	1/4	112,858	1/4	97,628	1/4
1/2	1/2	218,962	1/2	203,869	1/2	188,663	1/2	173,438	1/2	158,214	1/2	142,989	1/2	127,765	1/2	112,540	1/2	97,311	1/2
3/4	3/4	218,651	3/4	203,553	3/4	188,346	3/4	173,121	3/4	157,897	3/4	142,672	3/4	127,448	3/4	112,223	3/4	96,994	3/4
4		218,339	4	203,237	4	188,028	4	172,804	4	157,580	4	142,355	4	127,131	4	111,906	4	96,677	4
1/4	1/4	218,027	1/4	202,921	1/4	187,711	1/4	172,487	1/4	157,262	1/4	142,038	1/4	126,813	1/4	111,589	1/4	96,359	1/4
1/2	1/2	217,715	1/2	202,605	1/2	187,394	1/2	172,170	1/2	156,945	1/2	141,721	1/2	126,496	1/2	111,272	1/2	96,042	1/2
3/4	3/4	217,402	3/4	202,289	3/4	187,077	3/4	171,852	3/4	156,628	3/4	141,403	3/4	126,179	3/4	110,955	3/4	95,725	3/4
5		217,090	5	201,973	5	186,760	5	171,535	5	156,311	5	141,086	5	125,862	5	110,637	5	95,407	5
1/4	1/4	216,777	1/4	201,657	1/4	186,443	1/4	171,218	1/4	155,994	1/4	140,769	1/4	125,545	1/4	110,320	1/4	95,090	1/4
1/2	1/2	216,464	1/2	201,341	1/2	186,125	1/2	170,901	1/2	155,676	1/2	140,452	1/2	125,227	1/2	110,003	1/2	94,773	1/2
3/4	3/4	216,151	3/4	201,025	3/4	185,808	3/4	170,584	3/4	155,359	3/4	140,135	3/4	124,910	3/4	109,686	3/4	94,455	3/4
6		215,838	6	200,709	6	185,491	6	170,267	6	155,042	6	139,818	6	124,593	6	109,368	6	94,138	6
1/4	1/4	215,525	1/4	200,393	1/4	185,174	1/4	169,949	1/4	154,725	1/4	139,500	1/4	124,276	1/4	109,051	1/4	93,821	1/4
1/2	1/2	215,212	1/2	200,078	1/2	184,857	1/2	169,632	1/2	154,408	1/2	139,183	1/2	123,959	1/2	108,734	1/2	93,504	1/2
3/4	3/4	214,899	3/4	199,762	3/4	184,540	3/4	169,315	3/4	154,091	3/4	138,866	3/4	123,642	3/4	108,416	3/4	93,186	3/4
7		214,586	7	199,446	7	184,222	7	168,998	7	153,773	7	138,549	7	123,324	7	108,099	7	92,869	7
1/4	1/4	214,273	1/4	199,130	1/4	183,905	1/4	168,681	1/4	153,456	1/4	138,232	1/4	123,007	1/4	107,782	1/4	92,552	1/4
1/2	1/2	213,960	1/2	198,812	1/2	183,588	1/2	168,364	1/2	153,139	1/2	137,915	1/2	122,690	1/2	107,465	1/2	92,234	1/2
3/4	3/4	213,647	3/4	198,495	3/4	183,271	3/4	168,046	3/4	152,822	3/4	137,597	3/4	122,373	3/4	107,147	3/4	91,917	3/4
8		213,334	8	198,178	8	182,954	8	167,729	8	152,505	8	137,280	8	122,056	8	106,830	8	91,600	8
1/4	1/4	213,021	1/4	197,861	1/4	182,636	1/4	167,412	1/4	152,188	1/4	136,963	1/4	121,739	1/4	106,513	1/4	91,283	1/4
1/2	1/2	212,708	1/2	197,544	1/2	182,319	1/2	167,095	1/2	151,870	1/2	136,646	1/2	121,421	1/2	106,195	1/2	90,965	1/2
3/4	3/4	212,395	3/4	197,227	3/4	182,002	3/4	166,778	3/4	151,553	3/4	136,329	3/4	121,104	3/4	105,878	3/4	90,648	3/4
9		212,082	9	196,909	9	181,685	9	166,460	9	151,236	9	136,011	9	120,787	9	105,561	9	90,331	9
1/4	1/4	211,769	1/4	196,592	1/4	181,368	1/4	166,143	1/4	150,919	1/4	135,694	1/4	120,470	1/4	105,243	1/4	90,013	1/4
1/2	1/2	211,453	1/2	196,275	1/2	181,051	1/2	165,826	1/2	150,602	1/2	135,377	1/2	120,153	1/2	104,926	1/2	89,696	1/2
3/4	3/4	211,136	3/4	195,958	3/4	180,733	3/4	165,509	3/4	150,284	3/4	135,060	3/4	119,835	3/4	104,609	3/4	89,379	3/4
10		210,820	10	195,641	10	180,416	10	165,192	10	149,967	10	134,743	10	119,518	10	104,292	10	89,062	10
1/4	1/4	210,504	1/4	195,324	1/4	180,099	1/4	164,875	1/4	149,650	1/4	134,426	1/4	119,201	1/4	103,974	1/4	88,744	1/4
1/2	1/2	210,188	1/2	195,006	1/2	179,782	1/2	164,557	1/2	149,333	1/2	134,108	1/2	118,884	1/2	103,657	1/2	88,427	1/2
3/4	3/4	209,872	3/4	194,689	3/4	179,465	3/4	164,240	3/4	149,016	3/4	133,791	3/4	118,567	3/4	103,340	3/4	88,110	3/4
11		209,556	11	194,372	11	179,148	11	163,923	11	148,699	11	133,474	11	118,250	11	103,022	11	87,792	11
1/4	1/4	209,240	1/4	194,055	1/4	178,830	1/4	163,606	1/4	148,381	1/4	133,157	1/4	117,932	1/4	102,705	1/4	87,475	1/4
1/2	1/2	208,924	1/2	193,738	1/2	178,513	1/2	163,289	1/2	148,064	1/2	132,840	1/2	117,615	1/2	102,388	1/2	87,158	1/2
3/4	3/4	208,608	3/4	193,420	3/4	178,196	3/4	162,972	3/4	147,747	3/4	132,523	3/4	117,298	3/4	102,071	3/4	86,840	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 386"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,523	0	71,293	0	56,063	0	40,916	0	25,704	0	10,474	0		0		0		0	
1/4	86,206	1/4	70,976	1/4	55,746	1/4	40,601	1/4	25,386	1/4	10,157	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,889	1/2	70,658	1/2	55,428	1/2	40,285	1/2	25,069	1/2	9,840	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,571	3/4	70,341	3/4	55,111	3/4	39,970	3/4	24,752	3/4	9,522	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,254	1	70,024	1	54,794	1	39,655	1	24,435	1	9,205	1	1	1	1	1	1	1	1
1/4	84,937	1/4	69,707	1/4	54,477	1/4	39,340	1/4	24,117	1/4	8,888	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,619	1/2	69,389	1/2	54,159	1/2	39,025	1/2	23,800	1/2	8,571	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,302	3/4	69,072	3/4	53,842	3/4	38,709	3/4	23,483	3/4	8,253	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,985	2	68,755	2	53,525	2	38,393	2	23,165	2	7,936	2	2	2	2	2	2	2	2
1/4	83,668	1/4	68,437	1/4	53,207	1/4	38,078	1/4	22,848	1/4	7,619	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,350	1/2	68,120	1/2	52,892	1/2	37,760	1/2	22,531	1/2	7,301	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,033	3/4	67,803	3/4	52,576	3/4	37,443	3/4	22,214	3/4	6,984	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,716	3	67,486	3	52,260	3	37,126	3	21,896	3	6,667	3	3	3	3	3	3	3	3
1/4	82,398	1/4	67,168	1/4	51,945	1/4	36,809	1/4	21,579	1/4	6,350	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,081	1/2	66,851	1/2	51,630	1/2	36,491	1/2	21,262	1/2	6,033	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,764	3/4	66,534	3/4	51,315	3/4	36,174	3/4	20,944	3/4	5,716	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,446	4	66,216	4	50,999	4	35,857	4	20,627	4	5,399	4	4	4	4	4	4	4	4
1/4	81,129	1/4	65,899	1/4	50,684	1/4	35,539	1/4	20,310	1/4	5,082	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,812	1/2	65,582	1/2	50,369	1/2	35,222	1/2	19,993	1/2	4,767	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,495	3/4	65,264	3/4	50,054	3/4	34,905	3/4	19,675	3/4	4,451	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,177	5	64,947	5	49,739	5	34,588	5	19,358	5	4,135	5	5	5	5	5	5	5	5
1/4	79,860	1/4	64,630	1/4	49,424	1/4	34,270	1/4	19,041	1/4	3,819	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,543	1/2	64,313	1/2	49,109	1/2	33,953	1/2	18,724	1/2	3,529	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,225	3/4	63,995	3/4	48,794	3/4	33,636	3/4	18,406	3/4	3,238	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,908	6	63,678	6	48,479	6	33,318	6	18,089	6	2,947	6	6	6	6	6	6	6	6
1/4	78,591	1/4	63,361	1/4	48,163	1/4	33,001	1/4	17,772	1/4	2,656	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,274	1/2	63,043	1/2	47,848	1/2	32,684	1/2	17,454	1/2	2,418	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,956	3/4	62,726	3/4	47,533	3/4	32,367	3/4	17,137	3/4	2,180	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,639	7	62,409	7	47,218	7	32,049	7	16,820	7	1,942	7	7	7	7	7	7	7	7
1/4	77,322	1/4	62,092	1/4	46,903	1/4	31,732	1/4	16,503	1/4	1,705	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,004	1/2	61,774	1/2	46,588	1/2	31,415	1/2	16,185	1/2	1,520	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,687	3/4	61,457	3/4	46,273	3/4	31,097	3/4	15,868	3/4	1,334	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,370	8	61,140	8	45,958	8	30,780	8	15,551	8	1,149	8	8	8	8	8	8	8	8
1/4	76,052	1/4	60,822	1/4	45,642	1/4	30,463	1/4	15,233	1/4	964	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,735	1/2	60,505	1/2	45,327	1/2	30,146	1/2	14,916	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,418	3/4	60,188	3/4	45,012	3/4	29,828	3/4	14,599	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,101	9	59,871	9	44,697	9	29,511	9	14,282	9		9	9	9	9	9	9	9	9
1/4	74,783	1/4	59,553	1/4	44,382	1/4	29,194	1/4	13,964	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,466	1/2	59,236	1/2	44,067	1/2	28,877	1/2	13,647	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,149	3/4	58,919	3/4	43,752	3/4	28,559	3/4	13,330	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,831	10	58,601	10	43,437	10	28,242	10	13,012	10		10	10	10	10	10	10	10	10
1/4	73,514	1/4	58,284	1/4	43,122	1/4	27,925	1/4	12,695	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,197	1/2	57,967	1/2	42,806	1/2	27,607	1/2	12,378	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,880	3/4	57,649	3/4	42,491	3/4	27,290	3/4	12,061	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,562	11	57,332	11	42,176	11	26,973	11	11,743	11		11	11	11	11	11	11	11	11
1/4	72,245	1/4	57,015	1/4	41,861	1/4	26,656	1/4	11,426	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,928	1/2	56,698	1/2	41,546	1/2	26,338	1/2	11,109	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,610	3/4	56,380	3/4	41,231	3/4	26,021	3/4	10,791	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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



BARGE "CBC 386"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	207,622	0	192,488	0	177,318	0	162,149	0	146,979	0	131,809	0	116,639	0	101,467
1/4		1/4	221,363	1/4	207,308	1/4	192,172	1/4	177,002	1/4	161,833	1/4	146,663	1/4	131,493	1/4	116,323	1/4	101,150
1/2		1/2	221,181	1/2	206,993	1/2	191,856	1/2	176,686	1/2	161,517	1/2	146,347	1/2	131,177	1/2	116,007	1/2	100,834
3/4		3/4	221,000	3/4	206,678	3/4	191,540	3/4	176,370	3/4	161,201	3/4	146,031	3/4	130,861	3/4	115,691	3/4	100,518
1		1	220,819	1	206,363	1	191,224	1	176,054	1	160,885	1	145,715	1	130,545	1	115,375	1	100,202
1/4		1/4	220,637	1/4	206,048	1/4	190,908	1/4	175,738	1/4	160,568	1/4	145,399	1/4	130,229	1/4	115,059	1/4	99,886
1/2		1/2	220,404	1/2	205,733	1/2	190,592	1/2	175,422	1/2	160,252	1/2	145,083	1/2	129,913	1/2	114,743	1/2	99,570
3/4		3/4	220,172	3/4	205,419	3/4	190,276	3/4	175,106	3/4	159,936	3/4	144,767	3/4	129,597	3/4	114,427	3/4	99,254
2		2	219,939	2	205,104	2	189,960	2	174,790	2	159,620	2	144,451	2	129,281	2	114,111	2	98,937
1/4		1/4	219,706	1/4	204,789	1/4	189,644	1/4	174,474	1/4	159,304	1/4	144,135	1/4	128,965	1/4	113,795	1/4	98,621
1/2		1/2	219,420	1/2	204,474	1/2	189,328	1/2	174,158	1/2	158,988	1/2	143,819	1/2	128,649	1/2	113,479	1/2	98,305
3/4		3/4	219,135	3/4	204,159	3/4	189,012	3/4	173,842	3/4	158,672	3/4	143,503	3/4	128,333	3/4	113,163	3/4	97,989
3		3	218,849	3	203,845	3	188,696	3	173,526	3	158,356	3	143,187	3	128,017	3	112,847	3	97,673
1/4		1/4	218,564	1/4	203,530	1/4	188,380	1/4	173,210	1/4	158,040	1/4	142,870	1/4	127,701	1/4	112,531	1/4	97,357
1/2		1/2	218,254	1/2	203,215	1/2	188,064	1/2	172,894	1/2	157,724	1/2	142,554	1/2	127,385	1/2	112,215	1/2	97,041
3/4		3/4	217,943	3/4	202,900	3/4	187,748	3/4	172,578	3/4	157,408	3/4	142,238	3/4	127,069	3/4	111,899	3/4	96,724
4		4	217,633	4	202,585	4	187,432	4	172,262	4	157,092	4	141,922	4	126,753	4	111,583	4	96,408
1/4		1/4	217,322	1/4	202,271	1/4	187,115	1/4	171,946	1/4	156,776	1/4	141,606	1/4	126,437	1/4	111,267	1/4	96,092
1/2		1/2	217,011	1/2	201,956	1/2	186,799	1/2	171,630	1/2	156,460	1/2	141,290	1/2	126,121	1/2	110,951	1/2	95,776
3/4		3/4	216,699	3/4	201,641	3/4	186,483	3/4	171,314	3/4	156,144	3/4	140,974	3/4	125,805	3/4	110,635	3/4	95,460
5		5	216,388	5	201,326	5	186,167	5	170,998	5	155,828	5	140,658	5	125,488	5	110,319	5	95,144
1/4		1/4	216,076	1/4	201,011	1/4	185,851	1/4	170,682	1/4	155,512	1/4	140,342	1/4	125,172	1/4	110,003	1/4	94,827
1/2		1/2	215,765	1/2	200,696	1/2	185,535	1/2	170,366	1/2	155,196	1/2	140,026	1/2	124,856	1/2	109,687	1/2	94,511
3/4		3/4	215,453	3/4	200,382	3/4	185,219	3/4	170,050	3/4	154,880	3/4	139,710	3/4	124,540	3/4	109,370	3/4	94,195
6		6	215,141	6	200,067	6	184,903	6	169,734	6	154,564	6	139,394	6	124,224	6	109,054	6	93,879
1/4		1/4	214,829	1/4	199,752	1/4	184,587	1/4	169,417	1/4	154,248	1/4	139,078	1/4	123,908	1/4	108,738	1/4	93,563
1/2		1/2	214,517	1/2	199,437	1/2	184,271	1/2	169,101	1/2	153,932	1/2	138,762	1/2	123,592	1/2	108,422	1/2	93,247
3/4		3/4	214,205	3/4	199,122	3/4	183,955	3/4	168,785	3/4	153,616	3/4	138,446	3/4	123,276	3/4	108,106	3/4	92,931
7		7	213,893	7	198,808	7	183,639	7	168,469	7	153,300	7	138,130	7	122,960	7	107,790	7	92,614
1/4		1/4	213,581	1/4	198,493	1/4	183,323	1/4	168,153	1/4	152,984	1/4	137,814	1/4	122,644	1/4	107,474	1/4	92,298
1/2		1/2	213,269	1/2	198,177	1/2	183,007	1/2	167,837	1/2	152,668	1/2	137,498	1/2	122,328	1/2	107,157	1/2	91,982
3/4		3/4	212,958	3/4	197,861	3/4	182,691	3/4	167,521	3/4	152,352	3/4	137,182	3/4	122,012	3/4	106,841	3/4	91,666
8		8	212,646	8	197,545	8	182,375	8	167,205	8	152,036	8	136,866	8	121,696	8	106,525	8	91,350
1/4		1/4	212,334	1/4	197,229	1/4	182,059	1/4	166,889	1/4	151,719	1/4	136,550	1/4	121,380	1/4	106,209	1/4	91,034
1/2		1/2	212,022	1/2	196,913	1/2	181,743	1/2	166,573	1/2	151,403	1/2	136,234	1/2	121,064	1/2	105,893	1/2	90,717
3/4		3/4	211,710	3/4	196,597	3/4	181,427	3/4	166,257	3/4	151,087	3/4	135,918	3/4	120,748	3/4	105,577	3/4	90,401
9		9	211,398	9	196,281	9	181,111	9	165,941	9	150,771	9	135,602	9	120,432	9	105,260	9	90,085
1/4		1/4	211,086	1/4	195,964	1/4	180,795	1/4	165,625	1/4	150,455	1/4	135,286	1/4	120,116	1/4	104,944	1/4	89,769
1/2		1/2	210,771	1/2	195,648	1/2	180,479	1/2	165,309	1/2	150,139	1/2	134,970	1/2	119,800	1/2	104,628	1/2	89,453
3/4		3/4	210,456	3/4	195,332	3/4	180,163	3/4	164,993	3/4	149,823	3/4	134,654	3/4	119,484	3/4	104,312	3/4	89,137
10		10	210,141	10	195,016	10	179,847	10	164,677	10	149,507	10	134,337	10	119,168	10	103,996	10	88,821
1/4		1/4	209,826	1/4	194,700	1/4	179,531	1/4	164,361	1/4	149,191	1/4	134,021	1/4	118,852	1/4	103,680	1/4	88,504
1/2		1/2	209,512	1/2	194,384	1/2	179,215	1/2	164,045	1/2	148,875	1/2	133,705	1/2	118,536	1/2	103,364	1/2	88,188
3/4		3/4	209,197	3/4	194,068	3/4	178,899	3/4	163,729	3/4	148,559	3/4	133,389	3/4	118,220	3/4	103,047	3/4	87,872
11		11	208,882	11	193,752	11	178,583	11	163,413	11	148,243	11	133,073	11	117,904	11	102,731	11	87,556
1/4		1/4	208,567	1/4	193,436	1/4	178,266	1/4	163,097	1/4	147,927	1/4	132,757	1/4	117,588	1/4	102,415	1/4	87,240
1/2		1/2	208,252	1/2	193,120	1/2	177,950	1/2	162,781	1/2	147,611	1/2	132,441	1/2	117,272	1/2	102,099	1/2	86,924
3/4		3/4	207,937	3/4	192,804	3/4	177,634	3/4	162,465	3/4	147,295	3/4	132,125	3/4	116,956	3/4	101,783	3/4	86,607

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 386"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,291	0	71,116	0	55,941	0	40,783	0	25,611	0	10,437	0		0		0		0	
1/4	85,975	1/4	70,800	1/4	55,625	1/4	40,468	1/4	25,295	1/4	10,120	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,659	1/2	70,484	1/2	55,308	1/2	40,152	1/2	24,979	1/2	9,804	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,343	3/4	70,168	3/4	54,992	3/4	39,837	3/4	24,663	3/4	9,488	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,027	1	69,851	1	54,676	1	39,521	1	24,347	1	9,172	1	1	1	1	1	1	1	1
1/4	84,711	1/4	69,535	1/4	54,360	1/4	39,205	1/4	24,031	1/4	8,856	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,394	1/2	69,219	1/2	54,044	1/2	38,889	1/2	23,714	1/2	8,540	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,078	3/4	68,903	3/4	53,728	3/4	38,573	3/4	23,398	3/4	8,224	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,762	2	68,587	2	53,411	2	38,257	2	23,082	2	7,907	2	2	2	2	2	2	2	2
1/4	83,446	1/4	68,271	1/4	53,095	1/4	37,941	1/4	22,766	1/4	7,591	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,130	1/2	67,955	1/2	52,779	1/2	37,625	1/2	22,450	1/2	7,275	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,814	3/4	67,638	3/4	52,463	3/4	37,308	3/4	22,134	3/4	6,959	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,498	3	67,322	3	52,147	3	36,992	3	21,818	3	6,643	3	3	3	3	3	3	3	3
1/4	82,181	1/4	67,006	1/4	51,831	1/4	36,676	1/4	21,501	1/4	6,327	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,865	1/2	66,690	1/2	51,515	1/2	36,360	1/2	21,185	1/2	6,011	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,549	3/4	66,374	3/4	51,199	3/4	36,044	3/4	20,869	3/4	5,696	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,233	4	66,058	4	50,884	4	35,728	4	20,553	4	5,380	4	4	4	4	4	4	4	4
1/4	80,917	1/4	65,741	1/4	50,568	1/4	35,412	1/4	20,237	1/4	5,064	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,601	1/2	65,425	1/2	50,253	1/2	35,095	1/2	19,921	1/2	4,749	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,284	3/4	65,109	3/4	49,937	3/4	34,779	3/4	19,605	3/4	4,435	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,968	5	64,793	5	49,621	5	34,463	5	19,288	5	4,120	5	5	5	5	5	5	5	5
1/4	79,652	1/4	64,477	1/4	49,306	1/4	34,147	1/4	18,972	1/4	3,806	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,336	1/2	64,161	1/2	48,990	1/2	33,831	1/2	18,656	1/2	3,516	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,020	3/4	63,845	3/4	48,674	3/4	33,515	3/4	18,340	3/4	3,226	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,704	6	63,528	6	48,359	6	33,199	6	18,024	6	2,936	6	6	6	6	6	6	6	6
1/4	78,388	1/4	63,212	1/4	48,043	1/4	32,882	1/4	17,708	1/4	2,647	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,071	1/2	62,896	1/2	47,727	1/2	32,566	1/2	17,392	1/2	2,410	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,755	3/4	62,580	3/4	47,412	3/4	32,250	3/4	17,075	3/4	2,173	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,439	7	62,264	7	47,096	7	31,934	7	16,759	7	1,936	7	7	7	7	7	7	7	7
1/4	77,123	1/4	61,948	1/4	46,781	1/4	31,618	1/4	16,443	1/4	1,698	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,807	1/2	61,631	1/2	46,465	1/2	31,302	1/2	16,127	1/2	1,514	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,491	3/4	61,315	3/4	46,149	3/4	30,986	3/4	15,811	3/4	1,330	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,174	8	60,999	8	45,834	8	30,669	8	15,495	8	1,145	8	8	8	8	8	8	8	8
1/4	75,858	1/4	60,683	1/4	45,518	1/4	30,353	1/4	15,179	1/4	961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,542	1/2	60,367	1/2	45,202	1/2	30,037	1/2	14,863	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,226	3/4	60,051	3/4	44,887	3/4	29,721	3/4	14,546	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,910	9	59,735	9	44,571	9	29,405	9	14,230	9		9	9	9	9	9	9	9	9
1/4	74,594	1/4	59,418	1/4	44,255	1/4	29,089	1/4	13,914	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,278	1/2	59,102	1/2	43,940	1/2	28,773	1/2	13,598	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,961	3/4	58,786	3/4	43,624	3/4	28,457	3/4	13,282	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,645	10	58,470	10	43,309	10	28,140	10	12,966	10		10	10	10	10	10	10	10	10
1/4	73,329	1/4	58,154	1/4	42,993	1/4	27,824	1/4	12,650	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,013	1/2	57,838	1/2	42,677	1/2	27,508	1/2	12,333	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,697	3/4	57,521	3/4	42,362	3/4	27,192	3/4	12,017	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,381	11	57,205	11	42,046	11	26,876	11	11,701	11		11	11	11	11	11	11	11	11
1/4	72,064	1/4	56,889	1/4	41,730	1/4	26,560	1/4	11,385	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,748	1/2	56,573	1/2	41,415	1/2	26,244	1/2	11,069	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,432	3/4	56,257	3/4	41,099	3/4	25,927	3/4	10,753	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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



BARGE "CBC 386"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	207,005	0	191,867	0	176,694	0	161,520	0	146,347	0	131,174	0	116,000	0	100,824		
1/4	1/4	220,749	1/4	206,690	1/4	191,551	1/4	176,378	1/4	161,204	1/4	146,031	1/4	130,858	1/4	115,684	1/4	100,508	1/4		
1/2	1/2	220,568	1/2	206,375	1/2	191,235	1/2	176,062	1/2	160,888	1/2	145,715	1/2	130,542	1/2	115,368	1/2	100,191	1/2		
3/4	3/4	220,386	3/4	206,061	3/4	190,919	3/4	175,746	3/4	160,572	3/4	145,399	3/4	130,225	3/4	115,052	3/4	99,875	3/4		
1		220,205		205,746		190,603		175,429		160,256		145,083		129,909		114,736		99,559			
1/4	1/4	220,023	1/4	205,431	1/4	190,287	1/4	175,113	1/4	159,940	1/4	144,767	1/4	129,593	1/4	114,420	1/4	99,243	1/4		
1/2	1/2	219,790	1/2	205,116	1/2	189,971	1/2	174,797	1/2	159,624	1/2	144,450	1/2	129,277	1/2	114,104	1/2	98,927	1/2		
3/4	3/4	219,558	3/4	204,801	3/4	189,654	3/4	174,481	3/4	159,308	3/4	144,134	3/4	128,961	3/4	113,788	3/4	98,610	3/4		
2		219,325		204,486		189,338		174,165		158,992		143,818		128,645		113,471		98,294			
1/4	1/4	219,092	1/4	204,171	1/4	189,022	1/4	173,849	1/4	158,675	1/4	143,502	1/4	128,329	1/4	113,155	1/4	97,978	1/4		
1/2	1/2	218,806	1/2	203,856	1/2	188,706	1/2	173,533	1/2	158,359	1/2	143,186	1/2	128,013	1/2	112,839	1/2	97,662	1/2		
3/4	3/4	218,521	3/4	203,541	3/4	188,390	3/4	173,217	3/4	158,043	3/4	142,870	3/4	127,697	3/4	112,523	3/4	97,345	3/4		
3		218,235		203,226		188,074		172,901		157,727		142,554		127,380		112,207		97,029			
1/4	1/4	217,950	1/4	202,912	1/4	187,758	1/4	172,584	1/4	157,411	1/4	142,238	1/4	127,064	1/4	111,891	1/4	96,713	1/4		
1/2	1/2	217,639	1/2	202,597	1/2	187,442	1/2	172,268	1/2	157,095	1/2	141,922	1/2	126,748	1/2	111,575	1/2	96,397	1/2		
3/4	3/4	217,329	3/4	202,282	3/4	187,126	3/4	171,952	3/4	156,779	3/4	141,605	3/4	126,432	3/4	111,259	3/4	96,080	3/4		
4		217,018		201,967		186,809		171,636		156,463		141,289		126,116		110,943		95,764			
1/4	1/4	216,708	1/4	201,652	1/4	186,493	1/4	171,320	1/4	156,147	1/4	140,973	1/4	125,800	1/4	110,626	1/4	95,448	1/4		
1/2	1/2	216,396	1/2	201,337	1/2	186,177	1/2	171,004	1/2	155,830	1/2	140,657	1/2	125,484	1/2	110,310	1/2	95,132	1/2		
3/4	3/4	216,084	3/4	201,022	3/4	185,861	3/4	170,688	3/4	155,514	3/4	140,341	3/4	125,168	3/4	109,994	3/4	94,816	3/4		
5		215,773		200,707		185,545		170,372		155,198		140,025		124,852		109,678		94,499			
1/4	1/4	215,461	1/4	200,392	1/4	185,229	1/4	170,056	1/4	154,882	1/4	139,709	1/4	124,535	1/4	109,362	1/4	94,183	1/4		
1/2	1/2	215,149	1/2	200,078	1/2	184,913	1/2	169,739	1/2	154,566	1/2	139,393	1/2	124,219	1/2	109,046	1/2	93,867	1/2		
3/4	3/4	214,837	3/4	199,763	3/4	184,597	3/4	169,423	3/4	154,250	3/4	139,077	3/4	123,903	3/4	108,730	3/4	93,551	3/4		
6		214,526		199,448		184,281		169,107		153,934		138,760		123,587		108,413		93,234			
1/4	1/4	214,214	1/4	199,133	1/4	183,964	1/4	168,791	1/4	153,618	1/4	138,444	1/4	123,271	1/4	108,097	1/4	92,918	1/4		
1/2	1/2	213,902	1/2	198,818	1/2	183,648	1/2	168,475	1/2	153,302	1/2	138,128	1/2	122,955	1/2	107,781	1/2	92,602	1/2		
3/4	3/4	213,590	3/4	198,503	3/4	183,332	3/4	168,159	3/4	152,985	3/4	137,812	3/4	122,639	3/4	107,465	3/4	92,286	3/4		
7		213,278		198,188		183,016		167,843		152,669		137,496		122,323		107,148		91,969			
1/4	1/4	212,966	1/4	197,873	1/4	182,700	1/4	167,527	1/4	152,353	1/4	137,180	1/4	122,007	1/4	106,832	1/4	91,653	1/4		
1/2	1/2	212,654	1/2	197,557	1/2	182,384	1/2	167,210	1/2	152,037	1/2	136,864	1/2	121,690	1/2	106,516	1/2	91,337	1/2		
3/4	3/4	212,342	3/4	197,241	3/4	182,068	3/4	166,894	3/4	151,721	3/4	136,548	3/4	121,374	3/4	106,200	3/4	91,021	3/4		
8		212,030		196,925		181,752		166,578		151,405		136,232		121,058		105,884		90,705			
1/4	1/4	211,718	1/4	196,609	1/4	181,436	1/4	166,262	1/4	151,089	1/4	135,915	1/4	120,742	1/4	105,567	1/4	90,388	1/4		
1/2	1/2	211,406	1/2	196,293	1/2	181,119	1/2	165,946	1/2	150,773	1/2	135,599	1/2	120,426	1/2	105,251	1/2	90,072	1/2		
3/4	3/4	211,094	3/4	195,977	3/4	180,803	3/4	165,630	3/4	150,457	3/4	135,283	3/4	120,110	3/4	104,935	3/4	89,756	3/4		
9		210,782		195,661		180,487		165,314		150,140		134,967		119,794		104,619		89,440			
1/4	1/4	210,470	1/4	195,344	1/4	180,171	1/4	164,998	1/4	149,824	1/4	134,651	1/4	119,478	1/4	104,302	1/4	89,123	1/4		
1/2	1/2	210,155	1/2	195,028	1/2	179,855	1/2	164,682	1/2	149,508	1/2	134,335	1/2	119,162	1/2	103,986	1/2	88,807	1/2		
3/4	3/4	209,840	3/4	194,712	3/4	179,539	3/4	164,365	3/4	149,192	3/4	134,019	3/4	118,845	3/4	103,670	3/4	88,491	3/4		
10		209,525		194,396		179,223		164,049		148,876		133,703		118,529		103,354		88,175			
1/4	1/4	209,210	1/4	194,080	1/4	178,907	1/4	163,733	1/4	148,560	1/4	133,387	1/4	118,213	1/4	103,037	1/4	87,859	1/4		
1/2	1/2	208,895	1/2	193,764	1/2	178,591	1/2	163,417	1/2	148,244	1/2	133,070	1/2	117,897	1/2	102,721	1/2	87,542	1/2		
3/4	3/4	208,580	3/4	193,448	3/4	178,274	3/4	163,101	3/4	147,928	3/4	132,754	3/4	117,581	3/4	102,405	3/4	87,226	3/4		
11		208,265		193,132		177,958		162,785		147,612		132,438		117,265		102,089		86,910			
1/4	1/4	207,950	1/4	192,816	1/4	177,642	1/4	162,469	1/4	147,295	1/4	132,122	1/4	116,949	1/4	101,773	1/4	86,594	1/4		
1/2	1/2	207,635	1/2	192,499	1/2	177,326	1/2	162,153	1/2	146,979	1/2	131,806	1/2	116,633	1/2	101,456	1/2	86,277	1/2		
3/4	3/4	207,320	3/4	192,183	3/4	177,010	3/4	161,837	3/4	146,663	3/4	131,490	3/4	116,316	3/4	101,140	3/4	85,961	3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 386"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,645	0	70,466	0	55,287	0	40,668	0	25,617	0	10,439	0		0		0		0	
1/4	85,329	1/4	70,150	1/4	54,971	1/4	40,366	1/4	25,301	1/4	10,123	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,012	1/2	69,833	1/2	54,655	1/2	40,065	1/2	24,985	1/2	9,807	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,696	3/4	69,517	3/4	54,338	3/4	39,763	3/4	24,669	3/4	9,490	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,380	1	69,201	1	54,022	1	39,461	1	24,353	1	9,174	1	1	1	1	1	1	1	1
1/4	84,064	1/4	68,885	1/4	53,706	1/4	39,159	1/4	24,036	1/4	8,858	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,748	1/2	68,569	1/2	53,390	1/2	38,857	1/2	23,720	1/2	8,542	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,431	3/4	68,252	3/4	53,073	3/4	38,554	3/4	23,404	3/4	8,226	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,115	2	67,936	2	52,757	2	38,252	2	23,088	2	7,909	2	2	2	2	2	2	2	2
1/4	82,799	1/4	67,620	1/4	52,441	1/4	37,950	1/4	22,771	1/4	7,593	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,483	1/2	67,304	1/2	52,139	1/2	37,634	1/2	22,455	1/2	7,277	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,166	3/4	66,987	3/4	51,836	3/4	37,317	3/4	22,139	3/4	6,961	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,850	3	66,671	3	51,534	3	37,001	3	21,823	3	6,645	3	3	3	3	3	3	3	3
1/4	81,534	1/4	66,355	1/4	51,232	1/4	36,685	1/4	21,507	1/4	6,328	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,218	1/2	66,039	1/2	50,930	1/2	36,369	1/2	21,190	1/2	6,013	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,901	3/4	65,723	3/4	50,628	3/4	36,053	3/4	20,874	3/4	5,697	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,585	4	65,406	4	50,326	4	35,736	4	20,558	4	5,381	4	4	4	4	4	4	4	4
1/4	80,269	1/4	65,090	1/4	50,024	1/4	35,420	1/4	20,242	1/4	5,065	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,953	1/2	64,774	1/2	49,723	1/2	35,104	1/2	19,926	1/2	4,751	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,637	3/4	64,458	3/4	49,421	3/4	34,788	3/4	19,609	3/4	4,436	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,320	5	64,141	5	49,119	5	34,471	5	19,293	5	4,121	5	5	5	5	5	5	5	5
1/4	79,004	1/4	63,825	1/4	48,817	1/4	34,155	1/4	18,977	1/4	3,806	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,688	1/2	63,509	1/2	48,515	1/2	33,839	1/2	18,661	1/2	3,517	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,372	3/4	63,193	3/4	48,213	3/4	33,523	3/4	18,344	3/4	3,227	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,055	6	62,876	6	47,912	6	33,207	6	18,028	6	2,937	6	6	6	6	6	6	6	6
1/4	77,739	1/4	62,560	1/4	47,610	1/4	32,890	1/4	17,712	1/4	2,647	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,423	1/2	62,244	1/2	47,308	1/2	32,574	1/2	17,396	1/2	2,410	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,107	3/4	61,928	3/4	47,006	3/4	32,258	3/4	17,080	3/4	2,173	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,791	7	61,612	7	46,704	7	31,942	7	16,763	7	1,936	7	7	7	7	7	7	7	7
1/4	76,474	1/4	61,295	1/4	46,403	1/4	31,626	1/4	16,447	1/4	1,699	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,158	1/2	60,979	1/2	46,101	1/2	31,309	1/2	16,131	1/2	1,514	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,842	3/4	60,663	3/4	45,799	3/4	30,993	3/4	15,815	3/4	1,330	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,526	8	60,347	8	45,497	8	30,677	8	15,499	8	1,146	8	8	8	8	8	8	8	8
1/4	75,209	1/4	60,030	1/4	45,195	1/4	30,361	1/4	15,182	1/4	961	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,893	1/2	59,714	1/2	44,894	1/2	30,044	1/2	14,866	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,577	3/4	59,398	3/4	44,592	3/4	29,728	3/4	14,550	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,261	9	59,082	9	44,290	9	29,412	9	14,234	9		9	9	9	9	9	9	9	9
1/4	73,944	1/4	58,765	1/4	43,988	1/4	29,096	1/4	13,917	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,628	1/2	58,449	1/2	43,686	1/2	28,780	1/2	13,601	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,312	3/4	58,133	3/4	43,384	3/4	28,463	3/4	13,285	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,996	10	57,817	10	43,083	10	28,147	10	12,969	10		10	10	10	10	10	10	10	10
1/4	72,680	1/4	57,501	1/4	42,781	1/4	27,831	1/4	12,653	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,363	1/2	57,184	1/2	42,479	1/2	27,515	1/2	12,336	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,047	3/4	56,868	3/4	42,177	3/4	27,199	3/4	12,020	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,731	11	56,552	11	41,875	11	26,882	11	11,704	11		11	11	11	11	11	11	11	11
1/4	71,415	1/4	56,236	1/4	41,574	1/4	26,566	1/4	11,388	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,098	1/2	55,919	1/2	41,272	1/2	26,250	1/2	11,071	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,782	3/4	55,603	3/4	40,970	3/4	25,934	3/4	10,755	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "CBC 386"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0	179,583	0	171,472	0	163,343	0	155,214	0	146,940	0	131,908	0	116,822	0	101,709		
1/4	1/4	1/4	1/4	1/4	179,414	1/4	171,303	1/4	163,174	1/4	155,044	1/4	146,827	1/4	131,793	1/4	116,707	1/4	101,595		
1/2	1/2	1/2	1/2	1/2	179,245	1/2	171,134	1/2	163,004	1/2	154,875	1/2	146,713	1/2	131,679	1/2	116,592	1/2	101,480		
3/4	3/4	3/4	3/4	3/4	186,168	3/4	179,076	3/4	170,964	3/4	162,835	3/4	154,706	3/4	146,000	3/4	130,965	3/4	115,877	3/4	100,765
1		1		1	178,908	1	170,795	1	162,665	1	154,536	1	145,686	1	130,651	1	115,562	1	100,450		
1/4	1/4	1/4	1/4	1/4	186,095	1/4	178,739	1/4	170,625	1/4	162,496	1/4	154,367	1/4	145,373	1/4	130,336	1/4	115,248	1/4	100,135
1/2	1/2	1/2	1/2	1/2	186,058	1/2	178,570	1/2	170,456	1/2	162,327	1/2	154,197	1/2	145,059	1/2	130,022	1/2	114,933	1/2	99,820
3/4	3/4	3/4	3/4	3/4	186,022	3/4	178,401	3/4	170,287	3/4	162,157	3/4	154,028	3/4	144,746	3/4	129,708	3/4	114,618	3/4	99,505
2		2		2	178,233	2	170,117	2	161,988	2	153,859	2	144,432	2	129,393	2	114,303	2	99,190		
1/4	1/4	1/4	1/4	1/4	185,845	1/4	178,064	1/4	169,948	1/4	161,819	1/4	153,689	1/4	144,119	1/4	129,079	1/4	113,988	1/4	98,876
1/2	1/2	1/2	1/2	1/2	185,756	1/2	177,895	1/2	169,779	1/2	161,649	1/2	153,520	1/2	143,805	1/2	128,765	1/2	113,674	1/2	98,561
3/4	3/4	3/4	3/4	3/4	185,668	3/4	177,726	3/4	169,609	3/4	161,480	3/4	153,351	3/4	143,492	3/4	128,451	3/4	113,359	3/4	98,246
3		3		3	177,558	3	169,440	3	161,311	3	153,181	3	143,178	3	128,136	3	113,044	3	97,931		
1/4	1/4	1/4	1/4	1/4	185,386	1/4	177,389	1/4	169,271	1/4	161,141	1/4	153,012	1/4	142,865	1/4	127,822	1/4	112,729	1/4	97,616
1/2	1/2	1/2	1/2	1/2	185,245	1/2	177,220	1/2	169,101	1/2	160,972	1/2	152,843	1/2	142,551	1/2	127,508	1/2	112,414	1/2	97,301
3/4	3/4	3/4	3/4	3/4	185,105	3/4	177,051	3/4	168,932	3/4	160,803	3/4	152,673	3/4	142,238	3/4	127,194	3/4	112,100	3/4	96,986
4		4		4	176,883	4	168,762	4	160,633	4	152,504	4	141,924	4	126,879	4	111,785	4	96,672		
1/4	1/4	1/4	1/4	1/4	184,773	1/4	176,714	1/4	168,593	1/4	160,464	1/4	152,334	1/4	141,611	1/4	126,565	1/4	111,470	1/4	96,357
1/2	1/2	1/2	1/2	1/2	184,608	1/2	176,545	1/2	168,424	1/2	160,294	1/2	152,165	1/2	141,297	1/2	126,251	1/2	111,155	1/2	96,042
3/4	3/4	3/4	3/4	3/4	184,442	3/4	176,376	3/4	168,254	3/4	160,125	3/4	151,996	3/4	140,984	3/4	125,936	3/4	110,840	3/4	95,727
5		5		5	176,208	5	168,085	5	159,956	5	151,826	5	140,670	5	125,622	5	110,526	5	95,412		
1/4	1/4	1/4	1/4	1/4	184,109	1/4	176,039	1/4	167,916	1/4	159,786	1/4	151,657	1/4	140,357	1/4	125,308	1/4	110,211	1/4	95,097
1/2	1/2	1/2	1/2	1/2	183,942	1/2	175,870	1/2	167,746	1/2	159,617	1/2	151,488	1/2	140,043	1/2	124,994	1/2	109,896	1/2	94,782
3/4	3/4	3/4	3/4	3/4	183,775	3/4	175,701	3/4	167,577	3/4	159,448	3/4	151,318	3/4	139,730	3/4	124,679	3/4	109,581	3/4	94,467
6		6		6	175,533	6	167,408	6	159,278	6	151,149	6	139,417	6	124,365	6	109,266	6	94,153		
1/4	1/4	1/4	1/4	1/4	183,441	1/4	175,364	1/4	167,238	1/4	159,109	1/4	150,980	1/4	139,104	1/4	124,051	1/4	108,951	1/4	93,838
1/2	1/2	1/2	1/2	1/2	183,274	1/2	175,195	1/2	167,069	1/2	158,940	1/2	150,810	1/2	138,791	1/2	123,737	1/2	108,636	1/2	93,523
3/4	3/4	3/4	3/4	3/4	183,107	3/4	175,026	3/4	166,900	3/4	158,770	3/4	150,641	3/4	138,479	3/4	123,422	3/4	108,322	3/4	93,208
7		7		7	174,858	7	166,730	7	158,601	7	150,472	7	138,166	7	123,108	7	108,007	7	92,893		
1/4	1/4	1/4	1/4	1/4	182,773	1/4	174,689	1/4	166,561	1/4	158,431	1/4	150,302	1/4	137,853	1/4	122,794	1/4	107,692	1/4	92,578
1/2	1/2	1/2	1/2	1/2	182,606	1/2	174,520	1/2	166,391	1/2	158,262	1/2	150,133	1/2	137,540	1/2	122,479	1/2	107,377	1/2	92,263
3/4	3/4	3/4	3/4	3/4	182,438	3/4	174,351	3/4	166,222	3/4	158,093	3/4	149,963	3/4	137,227	3/4	122,165	3/4	107,062	3/4	91,949
8		8		8	174,182	8	166,053	8	157,923	8	149,794	8	136,914	8	121,851	8	106,747	8	91,634		
1/4	1/4	1/4	1/4	1/4	182,104	1/4	174,013	1/4	165,883	1/4	157,754	1/4	149,625	1/4	136,602	1/4	121,537	1/4	106,432	1/4	91,319
1/2	1/2	1/2	1/2	1/2	181,937	1/2	173,843	1/2	165,714	1/2	157,585	1/2	149,455	1/2	136,289	1/2	121,222	1/2	106,118	1/2	91,004
3/4	3/4	3/4	3/4	3/4	181,770	3/4	173,674	3/4	165,545	3/4	157,415	3/4	149,286	3/4	135,976	3/4	120,908	3/4	105,803	3/4	90,689
9		9		9	173,505	9	165,375	9	157,246	9	149,117	9	135,663	9	120,594	9	105,488	9	90,374		
1/4	1/4	1/4	1/4	1/4	181,436	1/4	173,335	1/4	165,206	1/4	157,077	1/4	148,947	1/4	135,350	1/4	120,280	1/4	105,173	1/4	90,059
1/2	1/2	1/2	1/2	1/2	181,268	1/2	173,166	1/2	165,037	1/2	156,907	1/2	148,778	1/2	135,037	1/2	119,965	1/2	104,858	1/2	89,744
3/4	3/4	3/4	3/4	3/4	181,101	3/4	172,996	3/4	164,867	3/4	156,738	3/4	148,609	3/4	134,725	3/4	119,651	3/4	104,543	3/4	89,430
10		10		10	172,827	10	164,698	10	156,569	10	148,439	10	134,412	10	119,337	10	104,228	10	89,115		
1/4	1/4	1/4	1/4	1/4	180,764	1/4	172,658	1/4	164,528	1/4	156,399	1/4	148,270	1/4	134,099	1/4	119,022	1/4	103,913	1/4	88,800
1/2	1/2	1/2	1/2	1/2	180,595	1/2	172,488	1/2	164,359	1/2	156,230	1/2	148,100	1/2	133,786	1/2	118,708	1/2	103,599	1/2	88,485
3/4	3/4	3/4	3/4	3/4	180,426	3/4	172,319	3/4	164,190	3/4	156,060	3/4	147,931	3/4	133,473	3/4	118,394	3/4	103,284	3/4	88,170
11		11		11	172,150	11	164,020	11	155,891	11	147,762	11	133,160	11	118,080	11	102,969	11	87,855		
1/4	1/4	1/4	1/4	1/4	180,089	1/4	171,980	1/4	163,851	1/4	155,722	1/4	147,592	1/4	132,848	1/4	117,765	1/4	102,654	1/4	87,540
1/2	1/2	1/2	1/2	1/2	179,920	1/2	171,811	1/2	163,682	1/2	155,552	1/2	147,423	1/2	132,535	1/2	117,451	1/2	102,339	1/2	87,226
3/4	3/4	3/4	3/4	3/4	179,751	3/4	171,642	3/4	163,512	3/4	155,383	3/4	147,254	3/4	132,222	3/4	117,137	3/4	102,024	3/4	86,911

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "CBC 386"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,596	0	71,479	0	56,361	0	41,256	0	26,143	0	11,027	0		0		0		0	
1/4	86,281	1/4	71,164	1/4	56,047	1/4	40,942	1/4	25,828	1/4	10,712	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,966	1/2	70,849	1/2	55,732	1/2	40,627	1/2	25,513	1/2	10,397	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,651	3/4	70,534	3/4	55,417	3/4	40,313	3/4	25,199	3/4	10,082	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	85,336	1	70,219	1	55,102	1	39,998	1	24,884	1	9,767	1	1	1	1	1	1	1	1
1/4	85,021	1/4	69,904	1/4	54,787	1/4	39,683	1/4	24,569	1/4	9,452	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,706	1/2	69,589	1/2	54,472	1/2	39,369	1/2	24,254	1/2	9,137	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,391	3/4	69,274	3/4	54,157	3/4	39,054	3/4	23,939	3/4	8,822	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,076	2	68,959	2	53,842	2	38,740	2	23,624	2	8,507	2	2	2	2	2	2	2	2
1/4	83,762	1/4	68,644	1/4	53,527	1/4	38,425	1/4	23,309	1/4	8,192	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,447	1/2	68,329	1/2	53,212	1/2	38,110	1/2	22,994	1/2	7,877	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,132	3/4	68,014	3/4	52,897	3/4	37,796	3/4	22,679	3/4	7,562	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,817	3	67,699	3	52,582	3	37,481	3	22,364	3	7,248	3	3	3	3	3	3	3	3
1/4	82,502	1/4	67,384	1/4	52,267	1/4	37,166	1/4	22,049	1/4	6,933	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,187	1/2	67,070	1/2	51,952	1/2	36,851	1/2	21,734	1/2	6,618	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,872	3/4	66,755	3/4	51,637	3/4	36,536	3/4	21,419	3/4	6,303	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,557	4	66,440	4	51,322	4	36,221	4	21,104	4	5,988	4	4	4	4	4	4	4	4
1/4	81,242	1/4	66,125	1/4	51,008	1/4	35,906	1/4	20,790	1/4	5,674	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,927	1/2	65,810	1/2	50,693	1/2	35,591	1/2	20,475	1/2	5,359	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,612	3/4	65,495	3/4	50,378	3/4	35,276	3/4	20,160	3/4	5,045	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	80,297	5	65,180	5	50,063	5	34,961	5	19,845	5	4,731	5	5	5	5	5	5	5	5
1/4	79,982	1/4	64,865	1/4	49,749	1/4	34,646	1/4	19,530	1/4	4,418	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,667	1/2	64,550	1/2	49,434	1/2	34,332	1/2	19,215	1/2	4,105	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,352	3/4	64,235	3/4	49,120	3/4	34,017	3/4	18,900	3/4	3,791	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	79,037	6	63,920	6	48,805	6	33,702	6	18,585	6	3,503	6	6	6	6	6	6	6	6
1/4	78,722	1/4	63,605	1/4	48,491	1/4	33,387	1/4	18,270	1/4	3,214	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,407	1/2	63,290	1/2	48,176	1/2	33,072	1/2	17,955	1/2	2,925	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,093	3/4	62,975	3/4	47,862	3/4	32,757	3/4	17,640	3/4	2,637	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,778	7	62,660	7	47,547	7	32,442	7	17,325	7	2,401	7	7	7	7	7	7	7	7
1/4	77,463	1/4	62,345	1/4	47,233	1/4	32,127	1/4	17,010	1/4	2,164	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,148	1/2	62,030	1/2	46,918	1/2	31,812	1/2	16,695	1/2	1,928	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,833	3/4	61,715	3/4	46,603	3/4	31,497	3/4	16,380	3/4	1,692	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,518	8	61,401	8	46,289	8	31,182	8	16,066	8	1,508	8	8	8	8	8	8	8	8
1/4	76,203	1/4	61,086	1/4	45,974	1/4	30,867	1/4	15,751	1/4	1,325	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,888	1/2	60,771	1/2	45,660	1/2	30,552	1/2	15,436	1/2	1,141	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,573	3/4	60,456	3/4	45,345	3/4	30,237	3/4	15,121	3/4	957	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	75,258	9	60,141	9	45,031	9	29,922	9	14,806	9		9	9	9	9	9	9	9	9
1/4	74,943	1/4	59,826	1/4	44,716	1/4	29,608	1/4	14,491	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,628	1/2	59,511	1/2	44,402	1/2	29,293	1/2	14,176	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,313	3/4	59,196	3/4	44,087	3/4	28,978	3/4	13,861	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,998	10	58,881	10	43,773	10	28,663	10	13,546	10		10	10	10	10	10	10	10	10
1/4	73,683	1/4	58,566	1/4	43,458	1/4	28,348	1/4	13,231	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,368	1/2	58,251	1/2	43,143	1/2	28,033	1/2	12,916	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,053	3/4	57,936	3/4	42,829	3/4	27,718	3/4	12,601	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,739	11	57,621	11	42,514	11	27,403	11	12,286	11		11	11	11	11	11	11	11	11
1/4	72,424	1/4	57,306	1/4	42,200	1/4	27,088	1/4	11,971	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,109	1/2	56,991	1/2	41,885	1/2	26,773	1/2	11,657	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,794	3/4	56,676	3/4	41,571	3/4	26,458	3/4	11,342	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: 09/18/2013 CL
CALCULATED: 09/18/2013 CL
PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "CBC 386"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	178,314	0	170,229	0	162,126	0	154,023	0	145,631	0	130,623	0	115,569	0	100,481		
1/4	1/4	1/4	1/4	1/4	178,145	1/4	170,060	1/4	161,957	1/4	153,854	1/4	145,318	1/4	130,309	1/4	115,254	1/4	100,166		
1/2	1/2	1/2	185,042	1/2	177,977	1/2	169,891	1/2	161,788	1/2	153,685	1/2	145,006	1/2	129,995	1/2	114,940	1/2	99,852		
3/4	3/4	3/4	185,006	3/4	177,809	3/4	169,722	3/4	161,619	3/4	153,516	3/4	144,693	3/4	129,681	3/4	114,626	3/4	99,538		
1		1	184,970	1	177,641	1	169,554	1	161,451	1	153,348	1	144,380	1	129,368	1	114,311	1	99,223		
1/4	1/4	1/4	184,934	1/4	177,473	1/4	169,385	1/4	161,282	1/4	153,179	1/4	144,067	1/4	129,054	1/4	113,997	1/4	98,909		
1/2	1/2	1/2	184,898	1/2	177,304	1/2	169,216	1/2	161,113	1/2	153,010	1/2	143,754	1/2	128,740	1/2	113,683	1/2	98,595		
3/4	3/4	3/4	184,810	3/4	177,136	3/4	169,047	3/4	160,944	3/4	152,841	3/4	143,441	3/4	128,427	3/4	113,368	3/4	98,280		
2		2	184,723	2	176,968	2	168,878	2	160,775	2	152,672	2	143,128	2	128,113	2	113,054	2	97,966		
1/4	1/4	1/4	184,635	1/4	176,800	1/4	168,710	1/4	160,607	1/4	152,504	1/4	142,815	1/4	127,800	1/4	112,740	1/4	97,652		
1/2	1/2	1/2	184,547	1/2	176,632	1/2	168,541	1/2	160,438	1/2	152,335	1/2	142,502	1/2	127,486	1/2	112,425	1/2	97,337		
3/4	3/4	3/4	184,407	3/4	176,463	3/4	168,372	3/4	160,269	3/4	152,166	3/4	142,189	3/4	127,173	3/4	112,111	3/4	97,023		
3		3	184,266	3	176,295	3	168,203	3	160,100	3	151,997	3	141,876	3	126,859	3	111,797	3	96,708		
1/4	1/4	1/4	184,126	1/4	176,127	1/4	168,034	1/4	159,931	1/4	151,828	1/4	141,563	1/4	126,546	1/4	111,483	1/4	96,394		
1/2	1/2	1/2	183,986	1/2	175,959	1/2	167,865	1/2	159,762	1/2	151,659	1/2	141,250	1/2	126,233	1/2	111,168	1/2	96,080		
3/4	3/4	3/4	183,821	3/4	175,791	3/4	167,697	3/4	159,594	3/4	151,491	3/4	140,937	3/4	125,919	3/4	110,854	3/4	95,765		
4		4	183,656	4	175,622	4	167,528	4	159,425	4	151,322	4	140,624	4	125,606	4	110,540	4	95,451		
1/4	1/4	1/4	183,490	1/4	175,454	1/4	167,359	1/4	159,256	1/4	151,153	1/4	140,311	1/4	125,292	1/4	110,225	1/4	95,137		
1/2	1/2	1/2	183,325	1/2	175,286	1/2	167,190	1/2	159,087	1/2	150,984	1/2	139,998	1/2	124,979	1/2	109,911	1/2	94,822		
3/4	3/4	3/4	183,159	3/4	175,118	3/4	167,021	3/4	158,918	3/4	150,815	3/4	139,685	3/4	124,665	3/4	109,597	3/4	94,508		
5		5	182,993	5	174,950	5	166,853	5	158,750	5	150,647	5	139,372	5	124,352	5	109,283	5	94,194		
1/4	1/4	1/4	182,827	1/4	174,781	1/4	166,684	1/4	158,581	1/4	150,478	1/4	139,059	1/4	124,039	1/4	108,968	1/4	93,879		
1/2	1/2	1/2	182,661	1/2	174,613	1/2	166,515	1/2	158,412	1/2	150,309	1/2	138,746	1/2	123,725	1/2	108,654	1/2	93,565		
3/4	3/4	3/4	182,494	3/4	174,445	3/4	166,346	3/4	158,243	3/4	150,140	3/4	138,434	3/4	123,412	3/4	108,340	3/4	93,251		
6		6	182,328	6	174,277	6	166,177	6	158,074	6	149,971	6	138,121	6	123,098	6	108,025	6	92,936		
1/4	1/4	1/4	182,161	1/4	174,109	1/4	166,009	1/4	157,906	1/4	149,802	1/4	137,809	1/4	122,785	1/4	107,711	1/4	92,622		
1/2	1/2	1/2	181,995	1/2	173,940	1/2	165,840	1/2	157,737	1/2	149,634	1/2	137,497	1/2	122,471	1/2	107,397	1/2	92,307		
3/4	3/4	3/4	181,828	3/4	173,772	3/4	165,671	3/4	157,568	3/4	149,465	3/4	137,184	3/4	122,158	3/4	107,082	3/4	91,993		
7		7	181,661	7	173,604	7	165,502	7	157,399	7	149,296	7	136,872	7	121,844	7	106,768	7	91,679		
1/4	1/4	1/4	181,495	1/4	173,436	1/4	165,333	1/4	157,230	1/4	149,127	1/4	136,560	1/4	121,531	1/4	106,453	1/4	91,364		
1/2	1/2	1/2	181,328	1/2	173,268	1/2	165,164	1/2	157,061	1/2	148,958	1/2	136,247	1/2	121,218	1/2	106,139	1/2	91,050		
3/4	3/4	3/4	181,162	3/4	173,099	3/4	164,996	3/4	156,893	3/4	148,790	3/4	135,935	3/4	120,904	3/4	105,825	3/4	90,736		
8		8	180,995	8	172,930	8	164,827	8	156,724	8	148,621	8	135,623	8	120,590	8	105,510	8	90,421		
1/4	1/4	1/4	180,828	1/4	172,761	1/4	164,658	1/4	156,555	1/4	148,452	1/4	135,310	1/4	120,276	1/4	105,196	1/4	90,107		
1/2	1/2	1/2	180,662	1/2	172,592	1/2	164,489	1/2	156,386	1/2	148,283	1/2	134,998	1/2	119,962	1/2	104,882	1/2	89,793		
3/4	3/4	3/4	180,495	3/4	172,423	3/4	164,320	3/4	156,217	3/4	148,114	3/4	134,686	3/4	119,649	3/4	104,567	3/4	89,478		
9		9	180,329	9	172,255	9	164,152	9	156,049	9	147,946	9	134,373	9	119,335	9	104,253	9	89,164		
1/4	1/4	1/4	180,162	1/4	172,086	1/4	163,983	1/4	155,880	1/4	147,777	1/4	134,061	1/4	119,021	1/4	103,939	1/4	88,850		
1/2	1/2	1/2	179,996	1/2	171,917	1/2	163,814	1/2	155,711	1/2	147,608	1/2	133,749	1/2	118,707	1/2	103,624	1/2	88,535		
3/4	3/4	3/4	179,827	3/4	171,748	3/4	163,645	3/4	155,542	3/4	147,439	3/4	133,437	3/4	118,394	3/4	103,310	3/4	88,221		
10		10	179,659	10	171,579	10	163,476	10	155,373	10	147,270	10	133,124	10	118,080	10	102,996	10	87,906		
1/4	1/4	1/4	179,491	1/4	171,411	1/4	163,308	1/4	155,205	1/4	147,101	1/4	132,812	1/4	117,766	1/4	102,681	1/4	87,592		
1/2	1/2	1/2	179,323	1/2	171,242	1/2	163,139	1/2	155,036	1/2	146,933	1/2	132,500	1/2	117,452	1/2	102,367	1/2	87,278		
3/4	3/4	3/4	179,155	3/4	171,073	3/4	162,970	3/4	154,867	3/4	146,764	3/4	132,187	3/4	117,139	3/4	102,052	3/4	86,963		
11		11	178,986	11	170,904	11	162,801	11	154,698	11	146,595	11	131,875	11	116,825	11	101,738	11	86,649		
1/4	1/4	1/4	178,818	1/4	170,735	1/4	162,632	1/4	154,529	1/4	146,426	1/4	131,563	1/4	116,511	1/4	101,424	1/4	86,335		
1/2	1/2	1/2	178,650	1/2	170,566	1/2	162,463	1/2	154,360	1/2	146,257	1/2	131,250	1/2	116,197	1/2	101,109	1/2	86,020		
3/4	3/4	3/4	178,482	3/4	170,398	3/4	162,295	3/4	154,192	3/4	145,944	3/4	130,936	3/4	115,883	3/4	100,795	3/4	85,706		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CBC 386"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	85,392	0	70,299	0	55,264	0	40,599	0	25,796	0	10,699	0		0		0		0	
1/4	85,077	1/4	69,985	1/4	54,952	1/4	40,298	1/4	25,481	1/4	10,385	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,763	1/2	69,670	1/2	54,640	1/2	39,998	1/2	25,167	1/2	10,070	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,449	3/4	69,356	3/4	54,328	3/4	39,698	3/4	24,852	3/4	9,756	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,134	1	69,041	1	54,016	1	39,397	1	24,538	1	9,441	1	1	1	1	1	1	1	1
1/4	83,820	1/4	68,727	1/4	53,704	1/4	39,097	1/4	24,223	1/4	9,127	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,505	1/2	68,413	1/2	53,393	1/2	38,797	1/2	23,909	1/2	8,812	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,191	3/4	68,098	3/4	53,081	3/4	38,496	3/4	23,594	3/4	8,497	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,876	2	67,784	2	52,769	2	38,196	2	23,280	2	8,183	2	2	2	2	2	2	2	2
1/4	82,562	1/4	67,469	1/4	52,457	1/4	37,895	1/4	22,965	1/4	7,868	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,248	1/2	67,155	1/2	52,145	1/2	37,595	1/2	22,651	1/2	7,554	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,933	3/4	66,840	3/4	51,834	3/4	37,294	3/4	22,336	3/4	7,239	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,619	3	66,526	3	51,523	3	36,992	3	22,022	3	6,925	3	3	3	3	3	3	3	3
1/4	81,304	1/4	66,212	1/4	51,212	1/4	36,691	1/4	21,707	1/4	6,611	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,990	1/2	65,897	1/2	50,901	1/2	36,389	1/2	21,393	1/2	6,296	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,675	3/4	65,583	3/4	50,590	3/4	36,088	3/4	21,078	3/4	5,982	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,361	4	65,268	4	50,279	4	35,787	4	20,764	4	5,667	4	4	4	4	4	4	4	4
1/4	80,046	1/4	64,954	1/4	49,968	1/4	35,485	1/4	20,449	1/4	5,353	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,732	1/2	64,639	1/2	49,657	1/2	35,184	1/2	20,135	1/2	5,039	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,418	3/4	64,325	3/4	49,344	3/4	34,881	3/4	19,820	3/4	4,726	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,103	5	64,011	5	49,032	5	34,579	5	19,506	5	4,413	5	5	5	5	5	5	5	5
1/4	78,789	1/4	63,696	1/4	48,720	1/4	34,276	1/4	19,191	1/4	4,100	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,474	1/2	63,382	1/2	48,407	1/2	33,973	1/2	18,877	1/2	3,787	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,160	3/4	63,067	3/4	48,107	3/4	33,659	3/4	18,562	3/4	3,499	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,845	6	62,753	6	47,807	6	33,344	6	18,248	6	3,211	6	6	6	6	6	6	6	6
1/4	77,531	1/4	62,438	1/4	47,506	1/4	33,030	1/4	17,933	1/4	2,923	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,217	1/2	62,124	1/2	47,206	1/2	32,715	1/2	17,618	1/2	2,636	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,902	3/4	61,812	3/4	46,906	3/4	32,401	3/4	17,304	3/4	2,400	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,588	7	61,500	7	46,605	7	32,086	7	16,989	7	2,164	7	7	7	7	7	7	7	7
1/4	76,273	1/4	61,188	1/4	46,305	1/4	31,772	1/4	16,675	1/4	1,928	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,959	1/2	60,877	1/2	46,005	1/2	31,457	1/2	16,360	1/2	1,692	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,644	3/4	60,565	3/4	45,704	3/4	31,143	3/4	16,046	3/4	1,509	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,330	8	60,253	8	45,404	8	30,828	8	15,731	8	1,325	8	8	8	8	8	8	8	8
1/4	75,016	1/4	59,941	1/4	45,104	1/4	30,514	1/4	15,417	1/4	1,141	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,701	1/2	59,629	1/2	44,803	1/2	30,199	1/2	15,102	1/2	958	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,387	3/4	59,317	3/4	44,503	3/4	29,885	3/4	14,788	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,072	9	59,006	9	44,203	9	29,570	9	14,473	9		9	9	9	9	9	9	9	9
1/4	73,758	1/4	58,694	1/4	43,902	1/4	29,256	1/4	14,159	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,443	1/2	58,382	1/2	43,602	1/2	28,941	1/2	13,844	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,129	3/4	58,070	3/4	43,302	3/4	28,627	3/4	13,530	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,815	10	57,758	10	43,001	10	28,312	10	13,215	10		10	10	10	10	10	10	10	10
1/4	72,500	1/4	57,446	1/4	42,701	1/4	27,998	1/4	12,901	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,186	1/2	57,135	1/2	42,401	1/2	27,683	1/2	12,586	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,871	3/4	56,823	3/4	42,100	3/4	27,369	3/4	12,272	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,557	11	56,511	11	41,800	11	27,054	11	11,957	11		11	11	11	11	11	11	11	11
1/4	71,242	1/4	56,199	1/4	41,500	1/4	26,739	1/4	11,643	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,928	1/2	55,887	1/2	41,199	1/2	26,425	1/2	11,328	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,614	3/4	55,575	3/4	40,899	3/4	26,110	3/4	11,014	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRINTED: 09/18/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2013

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