



BARGE "CBC 74"

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 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4
2 CENTER	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 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

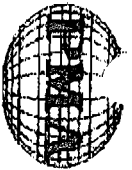
LENGTH BETWEEN DRAFT MARKS: 180'-03"

June 7, 2007

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARG - "CBC 74"

1 CENTER IMAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS												GAUGE HEIGHT 16'-01 1/2"											
0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.		
22	10,116	20,143	30,168	40,194	50,219	60,244	70,269	80,294	90,318	100,343	110,367	228	10,238	20,358	30,386	40,412	50,438	60,464	70,489	80,514	90,539		
429	10,541	20,641	30,680	40,718	50,756	60,794	70,832	80,870	90,908	100,946	110,984	633	10,783	20,748	30,820	40,879	50,938	60,997	71,056	81,115	91,174		
837	10,965	20,963	31,051	41,139	51,227	61,315	71,403	81,491	91,579	101,667	111,755	1,044	11,177	21,168	31,243	41,318	51,393	61,468	71,543	81,618	91,693		
1,281	11,390	21,363	31,435	41,514	51,588	61,662	71,736	81,810	91,884	101,958	112,032	1,487	11,602	21,568	31,638	41,708	51,778	61,848	71,918	81,988	92,058		
1,684	11,814	21,772	31,878	41,936	51,994	62,052	72,110	82,168	92,226	102,284	112,342	1,873	12,027	21,977	32,090	42,249	52,307	62,365	72,423	82,481	92,539		
2,081	12,239	22,182	32,301	42,461	52,521	62,581	72,640	82,700	92,759	102,818	112,877	2,290	12,451	22,387	32,513	42,673	52,832	62,892	72,951	83,010	93,069		
2,498	12,663	22,592	32,725	42,884	53,044	63,104	73,163	83,222	93,281	103,340	113,399	2,708	12,876	22,797	32,936	43,096	53,256	63,316	73,375	83,434	93,493		
2,917	13,088	23,002	33,148	43,308	53,467	63,527	73,586	83,645	93,704	103,763	113,822	3,127	13,308	23,207	33,350	43,519	53,687	63,827	73,979	84,153	94,316		
3,337	13,512	23,411	33,571	43,731	53,891	64,050	74,202	84,355	94,508	104,661	114,814	3,547	13,725	23,623	33,783	43,943	54,102	64,262	74,413	84,573	94,739		
3,768	13,937	24,035	34,195	44,354	54,514	64,674	74,836	84,995	95,155	105,315	115,475	3,969	14,149	24,045	34,206	44,366	54,526	64,685	74,836	85,000	95,163		
4,179	14,361	24,258	34,418	44,578	54,737	64,897	75,047	85,214	95,374	105,534	115,694	4,591	14,574	24,470	34,630	44,789	54,949	65,109	75,259	85,424	95,586		
4,602	14,786	24,681	34,841	45,001	55,161	65,320	75,479	85,639	95,797	105,957	116,117	4,931	15,001	24,883	35,043	45,203	55,363	65,522	75,683	85,847	96,008		
5,024	15,211	25,105	35,264	45,424	55,584	65,744	75,894	86,054	96,214	106,374	116,534	5,413	15,622	25,518	35,678	45,838	56,000	66,160	76,318	86,478	96,638		
5,826	15,416	25,316	35,476	45,636	55,796	65,956	76,106	86,266	96,426	106,586	116,746	5,826	15,827	25,724	35,884	46,044	56,204	66,364	76,524	86,684	96,844		
6,444	16,239	26,163	36,283	46,403	56,523	66,643	76,763	86,883	97,003	107,123	117,243	6,444	16,444	26,368	36,488	46,608	56,728	66,848	76,968	87,088	97,208		
6,508	16,650	26,566	36,686	46,806	56,926	67,046	77,166	87,286	97,406	107,526	117,646	6,508	16,650	26,566	36,686	46,806	56,926	67,046	77,166	87,286	97,406		
6,720	16,856	26,768	36,888	47,008	57,128	67,248	77,368	87,488	97,608	107,728	117,848	6,720	16,856	26,768	36,888	47,008	57,128	67,248	77,368	87,488	97,608		
6,932	17,060	27,010	37,130	47,250	57,370	67,490	77,610	87,730	97,850	107,970	118,090	6,932	17,060	27,010	37,130	47,250	57,370	67,490	77,610	87,730	97,850		
7,144	17,266	27,221	37,341	47,461	57,581	67,701	77,821	87,941	98,061	108,181	118,301	7,144	17,266	27,221	37,341	47,461	57,581	67,701	77,821	87,941	98,061		
7,357	17,470	27,423	37,543	47,663	57,783	67,903	78,023	88,143	98,263	108,383	118,503	7,357	17,470	27,423	37,543	47,663	57,783	67,903	78,023	88,143	98,263		
7,569	17,676	27,645	37,804	47,964	58,124	68,284	78,443	88,603	98,763	108,923	119,083	7,569	17,676	27,645	37,804	47,964	58,124	68,284	78,443	88,603	98,763		
7,781	17,880	27,956	38,016	48,176	58,336	68,496	78,656	88,816	98,976	109,136	119,296	7,781	17,880	27,956	38,016	48,176	58,336	68,496	78,656	88,816	98,976		
7,993	18,085	28,068	38,228	48,387	58,547	68,707	78,867	89,027	99,187	109,347	119,507	7,993	18,085	28,068	38,228	48,387	58,547	68,707	78,867	89,027	99,187		
8,206	18,290	28,280	38,439	48,599	58,759	68,919	79,079	89,239	99,399	109,559	119,719	8,206	18,290	28,280	38,439	48,599	58,759	68,919	79,079	89,239	99,399		
8,418	18,494	28,491	38,651	48,811	58,971	69,131	79,291	89,451	99,611	109,771	119,931	8,418	18,494	28,491	38,651	48,811	58,971	69,131	79,291	89,451	99,611		
8,630	18,699	28,703	38,863	49,022	59,182	69,342	79,502	89,662	99,822	109,982	120,142	8,630	18,699	28,703	38,863	49,022	59,182	69,342	79,502	89,662	99,822		
8,843	18,904	28,916	39,074	49,234	59,394	69,554	79,714	89,874	99,934	110,094	120,254	8,843	18,904	28,916	39,074	49,234	59,394	69,554	79,714	89,874	99,934		
9,055	19,109	29,126	39,286	49,446	59,606	69,766	79,926	90,086	100,246	110,406	120,518	9,055	19,109	29,126	39,286	49,446	59,606	69,766	79,926	90,086	100,246		
9,267	19,314	29,338	39,498	49,657	59,817	69,977	80,137	90,297	100,457	110,617	120,729	9,267	19,314	29,338	39,498	49,657	59,817	69,977	80,137	90,297	100,457		
9,479	19,519	29,560	39,709	49,858	60,029	70,188	80,348	90,508	100,668	110,828	120,940	9,479	19,519	29,560	39,709	49,858	60,029	70,188	80,348	90,508	100,668		
9,692	19,724	29,761	39,871	50,081	60,241	70,401	80,561	90,721	100,881	111,041	121,153	9,692	19,724	29,761	39,871	50,081	60,241	70,401	80,561	90,721	100,881		
9,904	19,928	29,973	40,133	50,292	60,452	70,612	80,772	90,932	101,092	111,252	121,464	9,904	19,928	29,973	40,133	50,292	60,452	70,612	80,772	90,932	101,092		

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MARIN'S CHAPTER 27.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

Gauge Point: (NH3) Located on centerline and 29.05' from road on east side of road. Only applies to in-house gauges taken to threads on "NH3" valve.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT

ANALYSIS

On the way

FILED FOR DEPOSIT

PERKINS, TEXAS 77001
<http://www.amaa.org>

2



BARC "CBC 74"

1 CENTER
INNAE TABLE

CAPACITIES GIVEN IN US GALLONS

GAUGE HEIGHT 18'-01 1/2"

10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
101,301	110,800	119,642	128,484	137,326	146,168				
101,513	110,994	119,828	128,659	137,491	146,289				
101,725	111,189	120,011	128,853	137,694	146,495				
101,936	111,383	120,199	129,037	137,879	146,680				
102,148	111,577	120,379	129,221	138,063	146,865				
102,360	111,771	120,563	129,405	138,247	147,050				
102,572	111,965	120,747	129,590	138,431	147,235				
102,783	112,159	120,932	129,774	138,615	147,420				
102,995	112,353	121,116	129,958	138,800	147,605				
103,207	112,548	121,300	130,142	138,984	147,789				
103,419	112,742	121,484	130,327	139,168	147,973				
103,630	112,936	121,669	130,511	139,352	148,158				
103,842	113,131	121,853	130,695	139,536	148,342				
104,054	113,325	122,037	130,879	139,720	148,527				
104,266	113,519	122,221	131,063	139,905	148,711				
104,478	113,713	122,405	131,248	140,089	148,895				
104,689	113,907	122,590	131,432	140,273	149,079				
104,901	114,101	122,774	131,616	140,457	149,263				
105,113	114,295	122,958	131,800	140,641	149,447				
105,325	114,489	123,142	131,984	140,825	149,631				
105,536	114,683	123,326	132,168	141,010	149,815				
105,748	114,877	123,511	132,353	141,194	150,000				
105,960	115,071	123,695	132,537	141,378	150,184				
106,172	115,265	123,879	132,721	141,562	150,368				
106,383	115,459	124,063	132,906	141,746	150,552				
106,595	115,653	124,248	133,090	141,931	150,736				
106,807	115,847	124,432	133,274	142,115	150,920				
107,019	116,041	124,616	133,458	142,299	151,104				
107,231	116,235	124,800	133,642	142,483	151,288				
107,443	116,429	124,984	133,827	142,667	151,472				
107,655	116,623	125,169	134,011	142,851	151,656				
107,867	116,817	125,353	134,195	143,035	151,840				
108,079	117,011	125,537	134,379	143,220	152,024				
108,291	117,205	125,721	134,563	143,404	152,208				
108,503	117,399	125,905	134,748	143,588	152,392				
108,715	117,593	126,090	134,932	143,772	152,576				
108,927	117,787	126,274	135,116	143,956	152,760				
109,139	117,981	126,458	135,300	144,140	152,944				
109,351	118,175	126,642	135,484	144,324	153,128				
109,563	118,369	126,827	135,668	144,508	153,312				
109,775	118,563	127,011	135,853	144,692	153,496				
109,987	118,757	127,195	136,037	144,876	153,680				
110,199	118,951	127,379	136,221	145,060	153,864				
110,411	119,145	127,563	136,405	145,244	154,048				
110,623	119,339	127,747	136,589	145,428	154,232				
110,835	119,533	127,932	136,773	145,612	154,416				
111,047	119,727	128,116	136,957	145,796	154,600				
111,259	119,921	128,300	137,141	145,980	154,784				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/07/2007 CL - SW
CALCULATED: 06/08/2007 CL
PRINTED: 06/08/2007 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2007

PRECISION MEASUREMENT

S. ANALYSIS, INC.

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Pearland, Texas 77588
info@precisionmeas.com, inc



BARGE "CBC 74"

2 CENTER INNAGE TABLE

CAPACITIES GAUGES IN WHOLE GALLONS

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	11,519	22,944	34,429	46,008	57,644	69,281	80,859	92,477	104,076
1	11,761	23,178	34,670	46,278	57,885	69,493	81,101	92,709	104,317
2	12,003	23,412	34,912	46,530	58,127	69,735	81,343	92,951	104,558
3	12,246	23,646	35,146	46,764	58,360	69,977	81,586	93,192	104,800
4	12,488	23,889	35,385	47,003	58,591	70,219	81,827	93,434	105,042
5	12,728	24,134	35,637	47,245	58,833	70,461	82,068	93,675	105,284
6	12,970	24,378	35,879	47,487	59,075	70,702	82,310	93,918	105,525
7	13,211	24,622	36,121	47,729	59,316	70,944	82,552	94,160	105,768
8	13,453	24,867	36,363	47,970	59,557	71,186	82,794	94,402	106,009
9	13,695	25,110	36,605	48,212	59,797	71,428	83,036	94,643	106,251
10	13,937	25,352	36,846	48,454	60,032	71,670	83,277	94,885	106,493
11	14,179	25,595	37,088	48,696	60,274	71,912	83,519	95,127	106,735
12	14,420	25,837	37,330	48,938	60,516	72,153	83,761	95,369	106,977
13	14,662	26,079	37,572	49,180	60,757	72,395	84,003	95,611	107,219
14	14,904	26,321	37,814	49,421	61,029	72,637	84,245	95,853	107,460
15	15,146	26,563	38,056	49,663	61,271	72,879	84,487	96,094	107,702
16	15,387	26,805	38,297	49,905	61,513	73,121	84,729	96,336	107,944
17	15,629	27,047	38,539	50,147	61,755	73,363	84,970	96,578	108,186
18	15,871	27,289	38,781	50,389	61,997	73,604	85,212	96,820	108,428
19	16,113	27,531	39,023	50,631	62,239	73,846	85,454	97,062	108,670
20	16,354	27,773	39,265	50,872	62,480	74,088	85,696	97,304	108,911
21	16,596	28,015	39,506	51,114	62,722	74,330	85,938	97,546	109,153
22	16,838	28,257	39,748	51,356	62,964	74,572	86,179	97,787	109,395
23	17,080	28,499	39,990	51,598	63,206	74,813	86,421	98,029	109,637
24	17,322	28,741	40,232	51,840	63,448	75,055	86,663	98,271	109,879
25	17,564	28,983	40,474	52,082	63,689	75,297	86,905	98,513	110,120
26	17,806	29,225	40,716	52,323	63,931	75,539	87,147	98,755	110,362
27	18,048	29,467	40,957	52,565	64,173	75,781	87,389	98,996	110,604
28	18,290	29,709	41,199	52,807	64,415	76,023	87,630	99,238	110,846
29	18,532	29,951	41,441	53,049	64,657	76,264	87,872	99,480	111,088
30	18,774	30,193	41,683	53,291	64,899	76,506	88,114	99,722	111,330
31	19,016	30,435	41,925	53,533	65,140	76,748	88,356	99,964	111,571
32	19,258	30,677	42,167	53,775	65,382	76,990	88,598	100,206	111,813
33	19,500	30,919	42,408	54,018	65,624	77,232	88,840	100,447	112,055
34	19,742	31,161	42,650	54,260	65,866	77,474	89,081	100,689	112,297
35	19,984	31,403	42,892	54,502	66,108	77,715	89,323	100,931	112,539
36	20,226	31,645	43,134	54,744	66,349	77,957	89,565	101,173	112,781
37	20,468	31,887	43,376	54,986	66,591	78,199	89,807	101,415	113,022
38	20,710	32,129	43,618	55,228	66,833	78,441	90,049	101,656	113,264
39	20,952	32,371	43,860	55,470	67,075	78,683	90,291	101,898	113,506
40	21,194	32,613	44,102	55,712	67,317	78,925	90,532	102,140	113,748
41	21,436	32,855	44,344	55,954	67,559	79,167	90,774	102,382	113,990
42	21,678	33,097	44,586	56,196	67,801	79,409	91,016	102,624	114,232
43	21,920	33,339	44,828	56,438	68,043	79,651	91,258	102,866	114,473
44	22,162	33,581	45,070	56,680	68,285	79,893	91,500	103,107	114,715
45	22,404	33,823	45,312	56,922	68,527	80,135	91,742	103,349	114,957
46	22,646	34,065	45,554	57,164	68,769	80,377	91,984	103,591	115,199
47	22,888	34,307	45,796	57,406	69,011	80,619	92,226	103,833	115,441

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED BY ACCORDANCE WITH APPENDIX CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "INCH" VALVE.
GAUGE POINT: (INCH) LOCATED ON CENTERLINE AND 29' 43" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT

A. ANALYST, INC.

P.O. Box 2072

Pearland, Texas 77588

http://www.pma-inc.com



BARG - "CBC 74"

2 CENiER IMAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS																		GAUGE HEIGHT 16-01 1/2 18 FT.																	
10 FT.				11 FT.				12 FT.				13 FT.				14 FT.				15 FT.				16 FT.				17 FT.				18 FT.			
N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q	N	Q						
1	118.083	1	127.260	1	138.888	1	150.966	1	162.113	1	173.238	1	184.344	1	195.432	1	206.500	1	217.588	1	228.676	1	239.764	1	250.852	1	261.940	1	273.028						
2	118.083	2	127.260	2	138.888	2	150.966	2	162.113	2	173.238	2	184.344	2	195.432	2	206.500	2	217.588	2	228.676	2	239.764	2	250.852	2	261.940	2	273.028						
3	118.083	3	127.260	3	138.888	3	150.966	3	162.113	3	173.238	3	184.344	3	195.432	3	206.500	3	217.588	3	228.676	3	239.764	3	250.852	3	261.940	3	273.028						
4	118.083	4	127.260	4	138.888	4	150.966	4	162.113	4	173.238	4	184.344	4	195.432	4	206.500	4	217.588	4	228.676	4	239.764	4	250.852	4	261.940	4	273.028						
5	118.083	5	127.260	5	138.888	5	150.966	5	162.113	5	173.238	5	184.344	5	195.432	5	206.500	5	217.588	5	228.676	5	239.764	5	250.852	5	261.940	5	273.028						
6	118.083	6	127.260	6	138.888	6	150.966	6	162.113	6	173.238	6	184.344	6	195.432	6	206.500	6	217.588	6	228.676	6	239.764	6	250.852	6	261.940	6	273.028						
7	118.083	7	127.260	7	138.888	7	150.966	7	162.113	7	173.238	7	184.344	7	195.432	7	206.500	7	217.588	7	228.676	7	239.764	7	250.852	7	261.940	7	273.028						
8	118.083	8	127.260	8	138.888	8	150.966	8	162.113	8	173.238	8	184.344	8	195.432	8	206.500	8	217.588	8	228.676	8	239.764	8	250.852	8	261.940	8	273.028						
9	118.083	9	127.260	9	138.888	9	150.966	9	162.113	9	173.238	9	184.344	9	195.432	9	206.500	9	217.588	9	228.676	9	239.764	9	250.852	9	261.940	9	273.028						
10	118.083	10	127.260	10	138.888	10	150.966	10	162.113	10	173.238	10	184.344	10	195.432	10	206.500	10	217.588	10	228.676	10	239.764	10	250.852	10	261.940	10	273.028						
11	118.083	11	127.260	11	138.888	11	150.966	11	162.113	11	173.238	11	184.344	11	195.432	11	206.500	11	217.588	11	228.676	11	239.764	11	250.852	11	261.940	11	273.028						
12	118.083	12	127.260	12	138.888	12	150.966	12	162.113	12	173.238	12	184.344	12	195.432	12	206.500	12	217.588	12	228.676	12	239.764	12	250.852	12	261.940	12	273.028						
13	118.083	13	127.260	13	138.888	13	150.966	13	162.113	13	173.238	13	184.344	13	195.432	13	206.500	13	217.588	13	228.676	13	239.764	13	250.852	13	261.940	13	273.028						
14	118.083	14	127.260	14	138.888	14	150.966	14	162.113	14	173.238	14	184.344	14	195.432	14	206.500	14	217.588	14	228.676	14	239.764	14	250.852	14	261.940	14	273.028						
15	118.083	15	127.260	15	138.888	15	150.966	15	162.113	15	173.238	15	184.344	15	195.432	15	206.500	15	217.588	15	228.676	15	239.764	15	250.852	15	261.940	15	273.028						
16	118.083	16	127.260	16	138.888	16	150.966	16	162.113	16	173.238	16	184.344	16	195.432	16	206.500	16	217.588	16	228.676	16	239.764	16	250.852	16	261.940	16	273.028						
17	118.083	17	127.260	17	138.888	17	150.966	17	162.113	17	173.238	17	184.344	17	195.432	17	206.500	17	217.588	17	228.676	17	239.764	17	250.852	17	261.940	17	273.028						
18	118.083	18	127.260	18	138.888	18	150.966	18	162.113	18	173.238	18	184.344	18	195.432	18	206.500	18	217.588	18	228.676	18	239.764	18	250.852	18	261.940	18	273.028						
19	118.083	19	127.260	19	138.888	19	150.966	19	162.113	19	173.238	19	184.344	19	195.432	19	206.500	19	217.588	19	228.676	19	239.764	19	250.852	19	261.940	19	273.028						
20	118.083	20	127.260	20	138.888	20	150.966	20	162.113	20	173.238	20	184.344	20	195.432	20	206.500	20	217.588	20	228.676	20	239.764	20	250.852	20	261.940	20	273.028						
21	118.083	21	127.260	21	138.888	21	150.966	21	162.113	21	173.238	21	184.344	21	195.432	21	206.500	21	217.588	21	228.676	21	239.764	21	250.852	21	261.940	21	273.028						
22	118.083	22	127.260	22	138.888	22	150.966	22	162.113	22	173.238	22	184.344	22	195.432	22	206.500	22	217.588	22	228.676	22	239.764	22	250.852	22	261.940	22	273.028						
23	118.083	23	127.260	23	138.888	23	150.966	23	162.113	23	173.238	23	184.344	23	195.432	23	206.500	23	217.588	23	228.676	23	239.764	23	250.852	23	261.940	23	273.028						
24	118.083	24	127.260	24	138.888	24	150.966	24	162.113	24	173.238	24	184.344	24	195.432	24	206.500	24	217.588	24	228.676	24	239.764	24	250.852	24	261.940	24	273.028						
25	118.083	25	127.260	25	138.888	25	150.966	25	162.113	25	173.238	25	184.344	25	195.432	25	206.500	25	217.588	25	228.676	25	239.764	25	250.852	25	261.940	25	273.028						
26	118.083	26	127.260	26	138.888	26	150.966	26	162.113	26	173.238	26	184.344	26	195.432	26	206.500	26	217.588	26	228.676	26	239.764	26	250.852	26	261.940	26	273.028						
27	118.083	27	127.260	27	138.888	27	150.966	27	162.113	27	173.238	27	184.344	27	195.432	27	206.500	27	217.588	27	228.676	27	239.764	27	250.852	27	261.940	27	273.028						
28	118.083	28	127.260	28	138.888	28	150.966	28	162.113	28	173.238	28	184.344	28	195.432	28	206.500	28	217.588	28	228.676	28	239.764	28	250.852	28	261.940	28	273.028						
29	118.083	29	127.260	29	138.888	29	150.966	29	162.113	29	173.238	29	184.344	29	195.432	29	206.500	29	217.588	29	228.676	29	239.764	29	250.852	29	261.940	29	273.028						
30	118.083	30	127.260	30	138.888	30	150.966	30	162.113	30	173.238	30	184.344	30	195.432	30	206.500	30	217.588	30	228.676	30	239.764	30	250.852	30	261.940	30	273.028						
31	118.083	31	127.260	31	138.888	31	150.966	31	162.113	31	173.238	31	184.344	31	195.432	31	206.500	31	217.588	31	228.676	31	239.764	31	250.852	31	261.940	31	273.028						
32	118.083	32	127.260	32	138.888	32	150.966	32	162.113	32	173.238	32	184.344	32	195.432	32	206.500	32	217.588	32	228.676	32	239.764	32	250.852	32	261.940	32	273.028						
33	118.083	33	127.260	33	138.888	33	150.966	33	162.113	33	173.238	33	184.344	33	195.432	33	206.500	33	217.588	33	228.676	33	239.764	33	250.852	33	261.940	33	273.028						
34	118.083	34	127.260	34	138.888	34	150.966	34	162.113	34	173.238	34	184.344	34	195.432	34	206.500	34	217.588	34	228.676	34	239.764	34	250.852	34	261.940	34	273.028						
35	118.083	35	127.260	35	138.888	35	150.966	35	162.113	35	173.238	35	184.344	35	195.432	35	206.500	35	217.588	35	228.676	35	239.764	35	250.852	35	261.940	35	273.028						
36	118.083	36	127.260	36	138.888	36	150.966	36	162.113	36	173.238	36	184.344	36	195.432	36	206.500	36	217.588	36	228.676	36	239.764	36	250.852	36	261.940	36	273.028						
37	118.083	37	127.260	37	138.888	37	150.966	37	162.113	37	173.238	37	184.344	37	195.432	37	206.500	37	217.588	37	228.676	37	239.764	37	250.852	37	261.940	37	273.028						
38	118.083	38	127.260	38	138.888	38	150.966	38	162.113	38	173.238	38	184.344	38	195.432	38	206.500	38	217.588	38	228.676	38	239.764	38	250.852	38	261.940	38	273.028						
39	118.083	39	127.260	39	138.888	39	150.966	39	162.113	39	173.238	39	184.344	39	195.432	39	206.500	39	217.588	39	228.676	39	239.764	39	250.852	39	261.940	39	273.028						
40	118.083	40	127.260	40	138.888	40	150.966	40	162.113	40	173.238	40	184.344	40	195.432	40	206.500	40	217.588	40	228.676	40	239.764	40	250.852	40	261.940	40	273.028						
41	118.083	41	127.260	41	138.888	41	150.966	41	162.113	41	173.238	41	184.344	41	195.432	41	206.500	41	217.588	41	228.676	41	239.764	41	250.852	41	261.940	41	273.028						
42	118.083	42	127.260	42	138.888	42	150.966	42	162.113	42	173.238	42	184.344	42	195.432	42	206.500	42	217.588	42	228.676	42	239.764	42	250.852	42	261.940	42	273.028						
43	118.083	43	127.260	43	138.888																														

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT

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Portland, Texas 77581

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SHEET NO. 4 OF 6

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BARGE "CBC 74"

3 CENTER INNAE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 16'-01 1/2"

0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
22	40,207	20,887	31,068	41,462	51,856	62,251	72,646	83,041	93,436
23	40,604	20,903	31,284	41,685	52,079	62,474	72,869	83,264	93,659
24	41,001	21,119	31,505	41,906	52,300	62,695	73,090	83,485	93,880
25	41,398	21,336	31,726	42,127	52,521	62,916	73,311	83,706	94,101
26	41,795	21,557	31,947	42,348	52,742	63,137	73,532	83,927	94,322
27	42,192	21,778	32,168	42,569	52,963	63,358	73,753	84,148	94,543
28	42,589	21,999	32,389	42,790	53,184	63,579	73,974	84,369	94,764
29	42,986	22,220	32,610	43,011	53,405	63,800	74,195	84,590	94,985
30	43,383	22,441	32,831	43,232	53,626	64,021	74,416	84,811	95,206
31	43,780	22,662	33,052	43,453	53,847	64,242	74,637	85,032	95,427
32	44,177	22,883	33,273	43,674	54,068	64,463	74,858	85,253	95,648
33	44,574	23,104	33,494	43,895	54,289	64,684	75,079	85,474	95,869
34	44,971	23,325	33,715	44,116	54,510	64,905	75,300	85,695	96,090
35	45,368	23,546	33,936	44,337	54,731	65,126	75,521	85,916	96,311
36	45,765	23,767	34,157	44,558	54,952	65,347	75,742	86,137	96,532
37	46,162	23,988	34,378	44,779	55,173	65,568	75,963	86,358	96,753
38	46,559	24,209	34,599	44,999	55,394	65,789	76,184	86,579	96,974
39	46,956	24,430	34,820	45,220	55,615	66,010	76,405	86,800	97,195
40	47,353	24,651	35,041	45,441	55,836	66,231	76,626	87,021	97,416
41	47,750	24,872	35,262	45,662	56,057	66,452	76,847	87,242	97,637
42	48,147	25,093	35,483	45,883	56,278	66,673	77,068	87,463	97,858
43	48,544	25,314	35,704	46,104	56,499	66,894	77,289	87,684	98,079
44	48,941	25,535	35,925	46,325	56,720	67,115	77,510	87,905	98,300
45	49,338	25,756	36,146	46,546	56,941	67,336	77,731	88,126	98,521
46	49,735	25,977	36,367	46,767	57,162	67,557	77,952	88,347	98,742
47	50,132	26,198	36,588	46,988	57,383	67,778	78,173	88,568	98,963
48	50,529	26,419	36,809	47,209	57,604	67,999	78,394	88,789	99,184
49	50,926	26,640	37,030	47,430	57,825	68,220	78,615	89,010	99,405
50	51,323	26,861	37,251	47,651	58,046	68,441	78,836	89,231	99,626
51	51,720	27,082	37,472	47,872	58,267	68,662	79,057	89,452	99,847
52	52,117	27,303	37,693	48,093	58,488	68,883	79,278	89,673	100,068
53	52,514	27,524	37,914	48,314	58,709	69,104	79,499	89,894	100,289
54	52,911	27,745	38,135	48,535	58,930	69,325	79,720	90,115	100,510
55	53,308	27,966	38,356	48,756	59,151	69,546	79,941	90,336	100,731
56	53,705	28,187	38,577	48,977	59,372	69,767	80,162	90,557	100,952
57	54,102	28,408	38,798	49,198	59,593	70,000	80,383	90,778	101,173
58	54,499	28,629	39,019	49,419	59,814	70,225	80,604	90,999	101,394
59	54,896	28,850	39,240	49,640	60,035	70,442	80,825	91,220	101,615
60	55,293	29,071	39,461	49,861	60,256	70,658	81,046	91,441	101,836
61	55,690	29,292	39,682	50,082	60,477	70,874	81,267	91,662	102,057
62	56,087	29,513	39,903	50,303	60,698	71,091	81,488	91,883	102,278
63	56,484	29,734	40,124	50,524	60,919	71,307	81,709	92,104	102,499
64	56,881	29,955	40,345	50,745	61,140	71,523	81,930	92,325	102,720
65	57,278	30,176	40,566	50,966	61,361	71,739	82,151	92,546	102,941
66	57,675	30,397	40,787	51,187	61,582	71,956	82,372	92,767	103,162
67	58,072	30,618	41,008	51,408	61,803	72,172	82,593	92,988	103,383
68	58,469	30,839	41,229	51,629	62,024	72,389	82,814	93,209	103,604
69	58,866	31,060	41,450	51,850	62,245	72,605	83,035	93,430	103,825
70	59,263	31,281	41,671	52,071	62,466	72,821	83,256	93,651	104,046
71	59,660	31,502	41,892	52,292	62,687	73,037	83,477	93,872	104,267
72	60,057	31,723	42,113	52,513	62,908	73,253	83,698	94,093	104,488
73	60,454	31,944	42,334	52,734	63,129	73,469	83,919	94,314	104,709
74	60,851	32,165	42,555	52,955	63,350	73,685	84,140	94,535	104,930
75	61,248	32,386	42,776	53,176	63,571	73,899	84,361	94,756	105,151
76	61,645	32,607	42,997	53,397	63,792	74,115	84,582	94,977	105,372
77	62,042	32,828	43,218	53,618	64,003	74,331	84,803	95,198	105,593
78	62,439	33,049	43,439	53,839	64,214	74,547	85,024	95,419	105,814
79	62,836	33,270	43,660	54,060	64,425	74,763	85,245	95,640	106,035
80	63,233	33,491	43,881	54,281	64,636	74,978	85,466	95,861	106,256
81	63,630	33,712	44,102	54,502	64,847	75,194	85,687	96,082	106,477
82	64,027	33,933	44,323	54,723	65,058	75,409	85,908	96,303	106,698
83	64,424	34,154	44,544	54,944	65,269	75,625	86,129	96,524	106,919
84	64,821	34,375	44,765	55,165	65,480	75,840	86,350	96,745	107,140
85	65,218	34,596	44,986	55,386	65,691	76,056	86,571	96,966	107,361
86	65,615	34,817	45,207	55,607	65,902	76,271	86,792	97,187	107,582
87	66,012	35,038	45,428	55,828	66,113	76,487	87,013	97,408	107,803
88	66,409	35,259	45,649	56,049	66,324	76,703	87,234	97,629	108,024
89	66,806	35,480	45,870	56,270	66,535	76,918	87,455	97,850	108,245
90	67,203	35,701	46,091	56,491	66,746	77,134	87,676	98,071	108,466
91	67,600	35,922	46,312	56,712	66,957	77,349	87,897	98,292	108,687
92	68,000	36,143	46,533	56,933	67,168	77,565	88,118	98,513	108,908
93	68,400	36,364	46,754	57,154	67,379	77,780	88,339	98,734	109,129
94	68,800	36,585	46,975	57,375	67,590	78,000	88,560	98,955	109,350
95	69,200	36,806	47,196	57,596	67,801	78,216	88,781	99,176	109,571
96	69,600	37,027	47,417	57,817	68,012	78,431	89,002	99,397	109,792
97	70,000	37,248	47,638	58,038	68,223	78,647	89,223	99,618	110,013
98	70,400	37,469	47,859	58,259	68,434	78,862	89,444	99,839	110,234
99	70,800	37,690	48,080	58,480	68,645	79,078	89,665	100,060	110,455
100	71,200	37,911	48,301	58,701	68,856	79,293	89,886	100,281	110,676
101	71,600	38,132	48,522	58,922	69,067	79,509	90,107	100,502	110,897
102	72,000	38,353	48,743	59,143	69,278	79,724	90,328	100,723	111,118
103	72,400	38,574	48,964	59,364	69,489	79,940	90,549	100,944	111,339
104	72,800	38,795	49,185	59,585	69,700	80,156	90,770	101,165	111,560
105	73,200	39,016	49,406	59,806	69,911	80,371	90,991	101,386	111,781
106	73,600	39,237	49,627	60,027	70,122	80,587	91,212	101,607	112,002
107	74,000	39,458	49,848	60,248	70,333	80,803	91,433	101,828	112,223
108	74,400	39,679	50,069	60,469	70,544	81,019	91,654	102,049	112,444
109	74,800	39,900	50,290	60,690	70,755	81,235	91,875	102,270	112,665
110	75,200	40,121	50,511	60,911	70,966	81,451	92,096	102,491	112,886
111	75,600	40,342	50,732	61,132	71,177	81,667	92,317	102,712	113,107
112	76,000	40,563	50,953	61,353	71,388	81,883	92,538	102,933	113,328
113	76,400	40,784	51,174	61,574	71,599	82,099	92,759	103,154	113,549
114	76,800	41,005	51,395	61,795	71,810	82,315	92,980	103,375	113,770
115	77,200	41,226	51,616	62,016	72,021	82,531	93,201	103,596	113,991
116	77,600</								



BARGE "CBC 74"

3 CENTER IMAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS										GAUGE HEIGHT 16-01 1/2"									
16 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
1	103,790	0	114,143	0	124,537	0	134,911	0	145,295	0	155,265	0		0		0		0	
2	103,976	10	114,359	10	124,743	10	135,126	10	145,511	10	155,342	10		10		10		10	
3	104,191	20	114,675	20	124,990	20	135,344	20	145,729	20	155,439	20		20		20		20	
4	104,407	30	114,792	30	125,178	30	135,590	30	145,944	30	155,537	30		30		30		30	
5	104,624	40	115,008	40	125,392	40	135,777	40	146,160	40	155,634	40		40		40		40	
6	104,840	50	115,234	50	125,609	50	135,993	50	146,377	50	155,698	50		50		50		50	
7	105,056	60	115,441	60	125,825	60	136,209	60	146,593	60	155,742	60		60		60		60	
8	105,273	70	115,657	70	126,041	70	136,426	70	146,809	70	155,795	70		70		70		70	
9	105,489	80	115,873	80	126,258	80	136,642	80	147,025	80	155,850	80		80		80		80	
10	105,705	90	116,090	90	126,474	90	136,858	90	147,242	90	155,896	90		90		90		90	
11	105,922	100	116,306	100	126,690	100	137,075	100	147,458	100	155,942	100		100		100		100	
12	106,138	110	116,522	110	126,907	110	137,291	110	147,674	110	155,989	110		110		110		110	
13	106,354	120	116,739	120	127,123	120	137,507	120	147,891	120		120		120		120		120	
14	106,571	130	116,955	130	127,339	130	137,724	130	148,107	130		130		130		130		130	
15	106,787	140	117,171	140	127,556	140	137,940	140	148,323	140		140		140		140		140	
16	107,003	150	117,388	150	127,772	150	138,156	150	148,540	150		150		150		150		150	
17	107,220	160	117,604	160	127,988	160	138,373	160	148,756	160		160		160		160		160	
18	107,436	170	117,820	170	128,205	170	138,589	170	148,972	170		170		170		170		170	
19	107,652	180	118,037	180	128,421	180	138,806	180	149,189	180		180		180		180		180	
20	107,869	190	118,253	190	128,637	190	139,022	190	149,405	190		190		190		190		190	
21	108,085	200	118,469	200	128,854	200	139,238	200	149,621	200		200		200		200		200	
22	108,301	210	118,685	210	129,070	210	139,455	210	149,837	210		210		210		210		210	
23	108,518	220	118,902	220	129,287	220	139,671	220	150,054	220		220		220		220		220	
24	108,734	230	119,118	230	129,503	230	139,887	230	150,270	230		230		230		230		230	
25	108,950	240	119,335	240	129,719	240	140,104	240	150,486	240		240		240		240		240	
26	109,167	250	119,551	250	129,936	250	140,320	250	150,703	250		250		250		250		250	
27	109,383	260	119,767	260	130,152	260	140,536	260	150,919	260		260		260		260		260	
28	109,599	270	119,984	270	130,368	270	140,753	270	151,135	270		270		270		270		270	
29	109,815	280	120,200	280	130,585	280	140,969	280	151,352	280		280		280		280		280	
30	110,032	290	120,417	290	130,801	290	141,185	290	151,568	290		290		290		290		290	
31	110,248	300	120,633	300	131,017	300	141,402	300	151,784	300		300		300		300		300	
32	110,465	310	120,849	310	131,234	310	141,618	310	152,000	310		310		310		310		310	
33	110,681	320	121,066	320	131,450	320	141,834	320	152,217	320		320		320		320		320	
34	110,898	330	121,282	330	131,666	330	142,051	330	152,433	330		330		330		330		330	
35	111,114	340	121,498	340	131,883	340	142,267	340	152,649	340		340		340		340		340	
36	111,330	350	121,715	350	132,099	350	142,483	350	152,865	350		350		350		350		350	
37	111,547	360	121,931	360	132,315	360	142,700	360	153,082	360		360		360		360		360	
38	111,763	370	122,147	370	132,532	370	142,916	370	153,298	370		370		370		370		370	
39	111,979	380	122,364	380	132,748	380	143,132	380	153,515	380		380		380		380		380	
40	112,196	390	122,580	390	132,964	390	143,348	390	153,731	390		390		390		390		390	
41	112,412	400	122,796	400	133,181	400	143,565	400	153,947	400		400		400		400		400	
42	112,628	410	123,013	410	133,397	410	143,781	410	154,161	410		410		410		410		410	
43	112,845	420	123,229	420	133,613	420	143,997	420	154,375	420		420		420		420		420	
44	113,061	430	123,445	430	133,830	430	144,214	430	154,589	430		430		430		430		430	
45	113,277	440	123,662	440	134,046	440	144,430	440	154,803	440		440		440		440		440	
46	113,494	450	123,878	450	134,262	450	144,646	450	154,823	450		450		450		450		450	
47	113,710	460	124,094	460	134,479	460	144,863	460	154,964	460		460		460		460		460	
48	113,926	470	124,311	470	134,695	470	145,079	470	155,104	470		470		470		470		470	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 06/07/2007 CL - SM
CALCULATED: 06/06/2007 CL

PRINTED: 06/06/2007 01

**CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2007**

SHEET NO. 8 OF 8

PRECISION MEASUREMENT

8 ANALYSES, INC.

P.O. Box 2079

<http://www.pti.ac.jp>

[Signature]

FOP VERSION

Job No.

Page 1 of 1

[illegible]

LINES

Name	Material	Location	Individual	Group

PUMPS

Name	Material	Location	Individual	Group

METHOD OF CLEANING

0005 Free, clear, dry

Visual Tank inspection result: Cargo tanks, pumps and lines were visually inspected, as far as possible, from accessible points and found:

All Tanks Pumps & Lines inspected.

The cleanliness of inspected Tanks is based upon visual inspection of tank surfaces and line system at accessible points only. This document does not cover the cleanliness of tanks surfaces and line systems at inaccessible areas and possible release of components of previous cargoes during loading, discharge or transport of the cargo in question, for which the vessel is fully responsible. Suitability of the tank coating for intended cargo, must be guaranteed by Vessel's Owner or by suppliers of the coating.

Remarks:

Door Free, Clean, Dry

A. J. J. J. J.
VESSEL

VESSEI

FOR INSPECTOR-ATE
W. Merilla