



BARGE "GBL 6130"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00"

LENGTH BETWEEN DRAFT MARKS: 238'-06"

September 25, 2018

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "GBL 6130"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	205,592	0	190,653	0	175,642	0	160,592	0	145,542	0	130,492	0	115,443	0	100,389
1/4		1/4		1/4	205,281	1/4	190,340	1/4	175,328	1/4	160,278	1/4	145,229	1/4	130,179	1/4	115,129	1/4	100,075
1/2		1/2		1/2	204,971	1/2	190,027	1/2	175,015	1/2	159,965	1/2	144,915	1/2	129,865	1/2	114,816	1/2	99,762
3/4		3/4		3/4	204,660	3/4	189,715	3/4	174,701	3/4	159,651	3/4	144,602	3/4	129,552	3/4	114,502	3/4	99,448
1	1	1	1	1	204,350	1	189,402	1	174,388	1	159,338	1	144,288	1	129,238	1	114,189	1	99,134
1/4		1/4		1/4	204,039	1/4	189,089	1/4	174,074	1/4	159,024	1/4	143,974	1/4	128,925	1/4	113,875	1/4	98,821
1/2		1/2		1/2	203,729	1/2	188,777	1/2	173,760	1/2	158,711	1/2	143,661	1/2	128,611	1/2	113,561	1/2	98,507
3/4		3/4		3/4	203,419	3/4	188,464	3/4	173,447	3/4	158,397	3/4	143,347	3/4	128,298	3/4	113,248	3/4	98,193
2	2	2	2	2	203,108	2	188,152	2	173,133	2	158,084	2	143,034	2	127,984	2	112,934	2	97,879
1/4		1/4		1/4	202,798	1/4	187,839	1/4	172,820	1/4	157,770	1/4	142,720	1/4	127,671	1/4	112,621	1/4	97,566
1/2		1/2		1/2	202,487	1/2	187,526	1/2	172,506	1/2	157,457	1/2	142,407	1/2	127,357	1/2	112,307	1/2	97,252
3/4		3/4		3/4	202,177	3/4	187,214	3/4	172,193	3/4	157,143	3/4	142,093	3/4	127,044	3/4	111,994	3/4	96,938
3	3	3	3	3	201,866	3	186,901	3	171,879	3	156,829	3	141,780	3	126,730	3	111,680	3	96,625
1/4		1/4		1/4	201,556	1/4	186,588	1/4	171,566	1/4	156,516	1/4	141,466	1/4	126,416	1/4	111,367	1/4	96,311
1/2		1/2		1/2	201,246	1/2	186,276	1/2	171,252	1/2	156,202	1/2	141,153	1/2	126,103	1/2	111,053	1/2	95,997
3/4		3/4		3/4	200,935	3/4	185,963	3/4	170,939	3/4	155,889	3/4	140,839	3/4	125,789	3/4	110,740	3/4	95,684
4	4	4	4	4	200,625	4	185,651	4	170,625	4	155,575	4	140,526	4	125,476	4	110,426	4	95,370
1/4		1/4		1/4	200,314	1/4	185,338	1/4	170,312	1/4	155,262	1/4	140,212	1/4	125,162	1/4	110,113	1/4	95,056
1/2		1/2		1/2	200,004	1/2	185,025	1/2	169,998	1/2	154,948	1/2	139,899	1/2	124,849	1/2	109,799	1/2	94,743
3/4		3/4		3/4	199,693	3/4	184,713	3/4	169,685	3/4	154,635	3/4	139,585	3/4	124,535	3/4	109,485	3/4	94,429
5	5	5	5	5	199,383	5	184,400	5	169,371	5	154,321	5	139,271	5	124,222	5	109,172	5	94,115
1/4		1/4		1/4	199,073	1/4	184,088	1/4	169,057	1/4	154,008	1/4	138,958	1/4	123,908	1/4	108,858	1/4	93,802
1/2		1/2		1/2	198,762	1/2	183,775	1/2	168,744	1/2	153,694	1/2	138,644	1/2	123,595	1/2	108,545	1/2	93,488
3/4		3/4		3/4	198,452	3/4	183,462	3/4	168,430	3/4	153,381	3/4	138,331	3/4	123,281	3/4	108,231	3/4	93,174
6	6	6	6	6	198,141	6	183,150	6	168,117	6	153,067	6	138,017	6	122,968	6	107,918	6	92,860
1/4		1/4		1/4	197,831	1/4	182,837	1/4	167,803	1/4	152,754	1/4	137,704	1/4	122,654	1/4	107,604	1/4	92,547
1/2		1/2		1/2	197,520	1/2	182,524	1/2	167,490	1/2	152,440	1/2	137,390	1/2	122,340	1/2	107,290	1/2	92,233
3/4		3/4		3/4	197,210	3/4	182,212	3/4	167,176	3/4	152,126	3/4	137,077	3/4	122,027	3/4	106,976	3/4	91,919
7	7	211,157	7	196,900	7	181,899	7	166,863	7	151,813	7	136,763	7	121,713	7	106,663	7	91,606	
1/4		1/4		1/4	210,942	1/4	196,588	1/4	181,587	1/4	166,549	1/4	151,499	1/4	136,450	1/4	106,349	1/4	91,292
1/2		1/2		1/2	210,726	1/2	196,277	1/2	181,274	1/2	166,236	1/2	151,186	1/2	136,136	1/2	106,035	1/2	90,978
3/4		3/4		3/4	210,511	3/4	195,966	3/4	180,961	3/4	165,922	3/4	150,872	3/4	135,823	3/4	105,722	3/4	90,665
8	8	210,296	8	195,655	8	180,649	8	165,609	8	150,559	8	135,509	8	120,459	8	105,408	8	90,351	
1/4		1/4		1/4	210,035	1/4	195,342	1/4	180,336	1/4	165,295	1/4	150,245	1/4	135,195	1/4	105,094	1/4	90,037
1/2		1/2		1/2	209,775	1/2	195,029	1/2	180,023	1/2	164,981	1/2	149,932	1/2	134,882	1/2	104,781	1/2	89,724
3/4		3/4		3/4	209,515	3/4	194,717	3/4	179,711	3/4	164,668	3/4	149,618	3/4	134,568	3/4	104,467	3/4	89,410
9	9	209,255	9	194,404	9	179,398	9	164,354	9	149,305	9	134,255	9	119,205	9	104,153	9	89,096	
1/4		1/4		1/4	208,959	1/4	194,091	1/4	179,086	1/4	164,041	1/4	148,991	1/4	133,941	1/4	103,840	1/4	88,782
1/2		1/2		1/2	208,663	1/2	193,779	1/2	178,773	1/2	163,727	1/2	148,678	1/2	133,628	1/2	103,526	1/2	88,469
3/4		3/4		3/4	208,367	3/4	193,466	3/4	178,460	3/4	163,414	3/4	148,364	3/4	133,314	3/4	103,212	3/4	88,155
10	10	208,071	10	193,154	10	178,148	10	163,100	10	148,050	10	133,001	10	117,951	10	102,899	10	87,841	
1/4		1/4		1/4	207,762	1/4	192,841	1/4	177,835	1/4	162,787	1/4	147,737	1/4	132,687	1/4	102,585	1/4	87,528
1/2		1/2		1/2	207,452	1/2	192,528	1/2	177,522	1/2	162,473	1/2	147,423	1/2	132,374	1/2	102,271	1/2	87,214
3/4		3/4		3/4	207,143	3/4	192,216	3/4	177,209	3/4	162,160	3/4	147,110	3/4	132,060	3/4	101,957	3/4	86,900
11	11	206,833	11	191,903	11	176,896	11	161,846	11	146,796	11	131,747	11	116,697	11	101,644	11	86,587	
1/4		1/4		1/4	206,523	1/4	191,590	1/4	176,582	1/4	161,533	1/4	146,483	1/4	131,433	1/4	101,330	1/4	86,273
1/2		1/2		1/2	206,212	1/2	191,278	1/2	176,269	1/2	161,219	1/2	146,169	1/2	131,119	1/2	101,016	1/2	85,959
3/4		3/4		3/4	205,902	3/4	190,965	3/4	175,955	3/4	160,905	3/4	145,856	3/4	130,806	3/4	100,703	3/4	85,646

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "GBL 6130"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10"

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	85,332	0	70,288	0	55,239	0	40,183	0	25,126	0	10,652	0		0		0		0	
1/4	85,018	1/4	69,974	1/4	54,926	1/4	39,869	1/4	24,812	1/4	10,373	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,705	1/2	69,661	1/2	54,612	1/2	39,555	1/2	24,499	1/2	10,094	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,391	3/4	69,348	3/4	54,298	3/4	39,242	3/4	24,185	3/4	9,815	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,077	1	69,035	1	53,985	1	38,928	1	23,871	1	9,535	1	1	1	1	1	1	1	1
1/4	83,763	1/4	68,722	1/4	53,671	1/4	38,614	1/4	23,558	1/4	9,260	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,450	1/2	68,409	1/2	53,357	1/2	38,301	1/2	23,244	1/2	8,984	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,136	3/4	68,096	3/4	53,044	3/4	37,987	3/4	22,930	3/4	8,709	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	82,822	2	67,783	2	52,730	2	37,673	2	22,617	2	8,433	2	2	2	2	2	2	2	2
1/4	82,509	1/4	67,470	1/4	52,416	1/4	37,360	1/4	22,303	1/4	8,161	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,195	1/2	67,156	1/2	52,103	1/2	37,046	1/2	21,990	1/2	7,890	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,881	3/4	66,843	3/4	51,789	3/4	36,732	3/4	21,677	3/4	7,618	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,568	3	66,530	3	51,475	3	36,419	3	21,363	3	7,346	3	3	3	3	3	3	3	3
1/4	81,254	1/4	66,217	1/4	51,162	1/4	36,105	1/4	21,052	1/4	7,078	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,940	1/2	65,903	1/2	50,848	1/2	35,791	1/2	20,740	1/2	6,809	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,627	3/4	65,590	3/4	50,534	3/4	35,478	3/4	20,428	3/4	6,541	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,313	4	65,277	4	50,221	4	35,164	4	20,116	4	6,273	4	4	4	4	4	4	4	4
1/4	79,999	1/4	64,963	1/4	49,907	1/4	34,850	1/4	19,808	1/4	6,009	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,685	1/2	64,650	1/2	49,593	1/2	34,537	1/2	19,499	1/2	5,744	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,372	3/4	64,336	3/4	49,280	3/4	34,223	3/4	19,191	3/4	5,480	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,058	5	64,022	5	48,966	5	33,909	5	18,882	5	5,215	5	5	5	5	5	5	5	5
1/4	78,744	1/4	63,709	1/4	48,652	1/4	33,595	1/4	18,577	1/4	4,954	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,431	1/2	63,395	1/2	48,338	1/2	33,282	1/2	18,272	1/2	4,694	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,117	3/4	63,081	3/4	48,025	3/4	32,968	3/4	17,967	3/4	4,433	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	77,804	6	62,768	6	47,711	6	32,654	6	17,662	6	4,172	6	6	6	6	6	6	6	6
1/4	77,490	1/4	62,454	1/4	47,397	1/4	32,341	1/4	17,361	1/4	3,915	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,177	1/2	62,140	1/2	47,084	1/2	32,027	1/2	17,060	1/2	3,658	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,863	3/4	61,827	3/4	46,770	3/4	31,713	3/4	16,758	3/4	3,401	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,550	7	61,513	7	46,456	7	31,400	7	16,457	7	3,144	7	7	7	7	7	7	7	7
1/4	76,237	1/4	61,199	1/4	46,143	1/4	31,086	1/4	16,159	1/4	2,892	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,924	1/2	60,886	1/2	45,829	1/2	30,772	1/2	15,862	1/2	2,639	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,610	3/4	60,572	3/4	45,515	3/4	30,459	3/4	15,564	3/4	2,386	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,297	8	60,258	8	45,202	8	30,145	8	15,267	8	2,134	8	8	8	8	8	8	8	8
1/4	74,984	1/4	59,945	1/4	44,888	1/4	29,831	1/4	14,973	1/4	1,905	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,671	1/2	59,631	1/2	44,574	1/2	29,518	1/2	14,679	1/2	1,675	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,358	3/4	59,317	3/4	44,261	3/4	29,204	3/4	14,385	3/4	1,446	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,045	9	59,004	9	43,947	9	28,890	9	14,091	9	1,217	9	9	9	9	9	9	9	9
1/4	73,732	1/4	58,690	1/4	43,633	1/4	28,577	1/4	13,801	1/4	1,049	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,419	1/2	58,376	1/2	43,320	1/2	28,263	1/2	13,511	1/2	881	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,106	3/4	58,063	3/4	43,006	3/4	27,949	3/4	13,220	3/4	713	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	72,792	10	57,749	10	42,692	10	27,636	10	12,930	10	545	10	10	10	10	10	10	10	10
1/4	72,479	1/4	57,435	1/4	42,379	1/4	27,322	1/4	12,643	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,166	1/2	57,122	1/2	42,065	1/2	27,008	1/2	12,357	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,853	3/4	56,808	3/4	41,751	3/4	26,695	3/4	12,070	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,540	11	56,494	11	41,437	11	26,381	11	11,784	11		11	11	11	11	11	11	11	11
1/4	71,227	1/4	56,180	1/4	41,124	1/4	26,067	1/4	11,501	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	70,914	1/2	55,867	1/2	40,810	1/2	25,753	1/2	11,218	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,601	3/4	55,553	3/4	40,496	3/4	25,440	3/4	10,935	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: 09/24/2018 CL
CALCULATED: 09/25/2018 CL
PRINTED: 09/25/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2018

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



BARGE "GBL 6130"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	205,351	0	190,473	0	175,521	0	160,528	0	145,536	0	130,543	0	115,550	0	100,554
1/4		1/4		1/4	205,042	1/4	190,162	1/4	175,209	1/4	160,216	1/4	145,223	1/4	130,231	1/4	115,238	1/4	100,242
1/2		1/2		1/2	204,733	1/2	189,850	1/2	174,896	1/2	159,904	1/2	144,911	1/2	129,918	1/2	114,926	1/2	99,929
3/4		3/4		3/4	204,424	3/4	189,539	3/4	174,584	3/4	159,591	3/4	144,599	3/4	129,606	3/4	114,613	3/4	99,617
1	1	1	1	1	204,114	1	189,227	1	174,272	1	159,279	1	144,286	1	129,294	1	114,301	1	99,304
1/4		1/4		1/4	203,805	1/4	188,916	1/4	173,959	1/4	158,967	1/4	143,974	1/4	128,981	1/4	113,989	1/4	98,992
1/2		1/2		1/2	203,496	1/2	188,605	1/2	173,647	1/2	158,654	1/2	143,662	1/2	128,669	1/2	113,676	1/2	98,679
3/4		3/4		3/4	203,186	3/4	188,293	3/4	173,335	3/4	158,342	3/4	143,349	3/4	128,357	3/4	113,364	3/4	98,367
2	2	2	2	2	202,877	2	187,982	2	173,022	2	158,030	2	143,037	2	128,044	2	113,052	2	98,054
1/4		1/4		1/4	202,568	1/4	187,670	1/4	172,710	1/4	157,717	1/4	142,725	1/4	127,732	1/4	112,739	1/4	97,742
1/2		1/2		1/2	202,259	1/2	187,359	1/2	172,398	1/2	157,405	1/2	142,412	1/2	127,420	1/2	112,427	1/2	97,429
3/4		3/4		3/4	201,949	3/4	187,047	3/4	172,085	3/4	157,093	3/4	142,100	3/4	127,107	3/4	112,114	3/4	97,117
3	3	3	3	3	201,640	3	186,736	3	171,773	3	156,780	3	141,788	3	126,795	3	111,802	3	96,804
1/4		1/4		1/4	201,331	1/4	186,425	1/4	171,461	1/4	156,468	1/4	141,475	1/4	126,482	1/4	111,490	1/4	96,492
1/2		1/2		1/2	201,022	1/2	186,113	1/2	171,148	1/2	156,156	1/2	141,163	1/2	126,170	1/2	111,177	1/2	96,179
3/4		3/4		3/4	200,712	3/4	185,802	3/4	170,836	3/4	155,843	3/4	140,850	3/4	125,858	3/4	110,865	3/4	95,867
4	4	4	4	4	200,403	4	185,490	4	170,524	4	155,531	4	140,538	4	125,545	4	110,553	4	95,554
1/4		1/4		1/4	200,094	1/4	185,179	1/4	170,211	1/4	155,218	1/4	140,226	1/4	125,233	1/4	110,240	1/4	95,242
1/2		1/2		1/2	199,785	1/2	184,867	1/2	169,899	1/2	154,906	1/2	139,913	1/2	124,921	1/2	109,928	1/2	94,929
3/4		3/4		3/4	199,475	3/4	184,556	3/4	169,586	3/4	154,594	3/4	139,601	3/4	124,608	3/4	109,616	3/4	94,617
5	5	5	5	5	199,166	5	184,245	5	169,274	5	154,281	5	139,289	5	124,296	5	109,303	5	94,304
1/4		1/4		1/4	198,857	1/4	183,933	1/4	168,962	1/4	153,969	1/4	138,976	1/4	123,984	1/4	108,991	1/4	93,992
1/2		1/2		1/2	198,548	1/2	183,622	1/2	168,649	1/2	153,657	1/2	138,664	1/2	123,671	1/2	108,679	1/2	93,679
3/4		3/4		3/4	198,238	3/4	183,310	3/4	168,337	3/4	153,344	3/4	138,352	3/4	123,359	3/4	108,366	3/4	93,367
6	6	6	6	6	197,929	6	182,999	6	168,025	6	153,032	6	138,039	6	123,047	6	108,054	6	93,054
1/4		1/4		1/4	197,620	1/4	182,687	1/4	167,712	1/4	152,720	1/4	137,727	1/4	122,734	1/4	107,741	1/4	92,742
1/2		1/2		1/2	197,311	1/2	182,376	1/2	167,400	1/2	152,407	1/2	137,415	1/2	122,422	1/2	107,429	1/2	92,429
3/4		3/4		3/4	197,001	3/4	182,064	3/4	167,088	3/4	152,095	3/4	137,102	3/4	122,110	3/4	107,117	3/4	92,117
7	7	7	7	7	196,692	7	181,753	7	166,775	7	151,783	7	136,790	7	121,797	7	106,804	7	91,804
1/4		1/4		1/4	196,383	1/4	181,442	1/4	166,463	1/4	151,470	1/4	136,478	1/4	121,485	1/4	106,492	1/4	91,492
1/2		1/2		1/2	210,277	1/2	196,074	1/2	181,130	1/2	166,151	1/2	151,158	1/2	136,165	1/2	121,173	1/2	106,179
3/4		3/4		3/4	210,062	3/4	195,764	3/4	180,819	3/4	165,838	3/4	150,846	3/4	135,853	3/4	120,860	3/4	105,867
8	8	8	8	8	209,848	8	195,453	8	180,507	8	165,526	8	150,533	8	135,541	8	120,548	8	105,554
1/4		1/4		1/4	209,633	1/4	195,143	1/4	180,196	1/4	165,214	1/4	150,221	1/4	135,228	1/4	120,236	1/4	105,242
1/2		1/2		1/2	209,419	1/2	194,833	1/2	179,884	1/2	164,901	1/2	149,909	1/2	134,916	1/2	119,923	1/2	104,929
3/4		3/4		3/4	209,160	3/4	194,522	3/4	179,573	3/4	164,589	3/4	149,596	3/4	134,604	3/4	119,611	3/4	104,617
9	9	9	9	9	208,901	9	194,210	9	179,262	9	164,277	9	149,284	9	134,291	9	119,298	9	104,304
1/4		1/4		1/4	208,641	1/4	193,899	1/4	178,950	1/4	163,964	1/4	148,972	1/4	133,979	1/4	118,986	1/4	103,992
1/2		1/2		1/2	208,382	1/2	193,588	1/2	178,639	1/2	163,652	1/2	148,659	1/2	133,666	1/2	118,674	1/2	103,679
3/4		3/4		3/4	208,087	3/4	193,276	3/4	178,327	3/4	163,340	3/4	148,347	3/4	133,354	3/4	118,361	3/4	103,367
10	10	10	10	10	207,793	10	192,965	10	178,016	10	163,027	10	148,034	10	133,042	10	118,049	10	103,054
1/4		1/4		1/4	207,498	1/4	192,653	1/4	177,704	1/4	162,715	1/4	147,722	1/4	132,729	1/4	117,737	1/4	102,742
1/2		1/2		1/2	207,203	1/2	192,342	1/2	177,393	1/2	162,402	1/2	147,410	1/2	132,417	1/2	117,424	1/2	102,429
3/4		3/4		3/4	206,894	3/4	192,030	3/4	177,081	3/4	162,090	3/4	147,097	3/4	132,105	3/4	117,112	3/4	102,117
11	11	11	11	11	206,586	11	191,719	11	176,769	11	161,778	11	146,785	11	131,792	11	116,800	11	101,804
1/4		1/4		1/4	206,278	1/4	191,408	1/4	176,458	1/4	161,465	1/4	146,473	1/4	131,480	1/4	116,487	1/4	101,492
1/2		1/2		1/2	205,969	1/2	191,096	1/2	176,146	1/2	161,153	1/2	146,160	1/2	131,168	1/2	116,175	1/2	101,179
3/4		3/4		3/4	205,660	3/4	190,785	3/4	175,833	3/4	160,841	3/4	145,848	3/4	130,855	3/4	115,863	3/4	100,867

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "GBL 6130"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 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	85,554	0	70,606	0	55,655	0	40,655	0	25,656	0	11,175	0		0		0		0	
1/4	85,242	1/4	70,296	1/4	55,342	1/4	40,343	1/4	25,343	1/4	10,894	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,929	1/2	69,985	1/2	55,030	1/2	40,030	1/2	25,031	1/2	10,612	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,617	3/4	69,675	3/4	54,718	3/4	39,718	3/4	24,718	3/4	10,334	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,304	1	69,365	1	54,405	1	39,405	1	24,406	1	10,056	1	1	1	1	1	1	1	1
1/4	83,992	1/4	69,055	1/4	54,093	1/4	39,093	1/4	24,093	1/4	9,777	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,679	1/2	68,745	1/2	53,780	1/2	38,780	1/2	23,781	1/2	9,499	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,367	3/4	68,435	3/4	53,468	3/4	38,468	3/4	23,468	3/4	9,225	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,054	2	68,125	2	53,155	2	38,155	2	23,156	2	8,950	2	2	2	2	2	2	2	2
1/4	82,741	1/4	67,814	1/4	52,843	1/4	37,843	1/4	22,843	1/4	8,676	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,429	1/2	67,504	1/2	52,530	1/2	37,530	1/2	22,531	1/2	8,401	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,116	3/4	67,194	3/4	52,218	3/4	37,218	3/4	22,219	3/4	8,130	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	81,804	3	66,884	3	51,905	3	36,906	3	21,907	3	7,860	3	3	3	3	3	3	3	3
1/4	81,491	1/4	66,574	1/4	51,593	1/4	36,593	1/4	21,594	1/4	7,589	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,179	1/2	66,264	1/2	51,280	1/2	36,281	1/2	21,282	1/2	7,318	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,866	3/4	65,953	3/4	50,968	3/4	35,968	3/4	20,972	3/4	7,051	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	80,554	4	65,642	4	50,655	4	35,656	4	20,661	4	6,784	4	4	4	4	4	4	4	4
1/4	80,241	1/4	65,332	1/4	50,343	1/4	35,343	1/4	20,351	1/4	6,517	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,929	1/2	65,021	1/2	50,030	1/2	35,031	1/2	20,040	1/2	6,249	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,616	3/4	64,710	3/4	49,718	3/4	34,718	3/4	19,733	3/4	5,986	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,304	5	64,398	5	49,405	5	34,406	5	19,425	5	5,722	5	5	5	5	5	5	5	5
1/4	78,991	1/4	64,087	1/4	49,093	1/4	34,093	1/4	19,118	1/4	5,459	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,679	1/2	63,775	1/2	48,780	1/2	33,781	1/2	18,810	1/2	5,195	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,367	3/4	63,464	3/4	48,468	3/4	33,468	3/4	18,507	3/4	4,936	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,055	6	63,152	6	48,155	6	33,156	6	18,203	6	4,676	6	6	6	6	6	6	6	6
1/4	77,743	1/4	62,840	1/4	47,843	1/4	32,843	1/4	17,899	1/4	4,416	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,431	1/2	62,529	1/2	47,530	1/2	32,531	1/2	17,595	1/2	4,156	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,120	3/4	62,216	3/4	47,218	3/4	32,218	3/4	17,295	3/4	3,900	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	76,810	7	61,904	7	46,905	7	31,906	7	16,995	7	3,644	7	7	7	7	7	7	7	7
1/4	76,499	1/4	61,592	1/4	46,593	1/4	31,593	1/4	16,695	1/4	3,388	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,188	1/2	61,280	1/2	46,280	1/2	31,281	1/2	16,395	1/2	3,132	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,878	3/4	60,967	3/4	45,968	3/4	30,968	3/4	16,098	3/4	2,881	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	75,568	8	60,655	8	45,655	8	30,656	8	15,802	8	2,629	8	8	8	8	8	8	8	8
1/4	75,258	1/4	60,342	1/4	45,343	1/4	30,343	1/4	15,505	1/4	2,377	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,948	1/2	60,030	1/2	45,030	1/2	30,031	1/2	15,209	1/2	2,126	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,637	3/4	59,717	3/4	44,718	3/4	29,718	3/4	14,916	3/4	1,897	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,327	9	59,405	9	44,405	9	29,406	9	14,623	9	1,669	9	9	9	9	9	9	9	9
1/4	74,017	1/4	59,092	1/4	44,093	1/4	29,093	1/4	14,330	1/4	1,441	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,707	1/2	58,780	1/2	43,780	1/2	28,781	1/2	14,038	1/2	1,212	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,397	3/4	58,467	3/4	43,468	3/4	28,468	3/4	13,748	3/4	1,045	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,087	10	58,155	10	43,155	10	28,156	10	13,459	10	877	10	10	10	10	10	10	10	10
1/4	72,777	1/4	57,842	1/4	42,843	1/4	27,843	1/4	13,170	1/4	710	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72,466	1/2	57,530	1/2	42,530	1/2	27,531	1/2	12,881	1/2	543	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,156	3/4	57,217	3/4	42,218	3/4	27,218	3/4	12,596	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	71,846	11	56,905	11	41,905	11	26,906	11	12,310	11		11	11	11	11	11	11	11	11
1/4	71,536	1/4	56,592	1/4	41,593	1/4	26,593	1/4	12,025	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,226	1/2	56,280	1/2	41,280	1/2	26,281	1/2	11,739	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	70,916	3/4	55,967	3/4	40,968	3/4	25,968	3/4	11,457	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: 09/24/2018 CL
CALCULATED: 09/25/2018 CL
PRINTED: 09/25/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2018

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



BARGE "GBL 6130"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	209,739	0	194,742	0	179,670	0	164,557	0	149,445	0	134,332	0	119,219	0	104,103
1/4		1/4		1/4	209,427	1/4	194,428	1/4	179,355	1/4	164,242	1/4	149,130	1/4	134,017	1/4	118,905	1/4	103,788
1/2		1/2		1/2	209,116	1/2	194,114	1/2	179,040	1/2	163,927	1/2	148,815	1/2	133,702	1/2	118,590	1/2	103,473
3/4		3/4		3/4	208,804	3/4	193,800	3/4	178,725	3/4	163,613	3/4	148,500	3/4	133,387	3/4	118,275	3/4	103,158
1		1		1	208,492	1	193,486	1	178,410	1	163,298	1	148,185	1	133,073	1	117,960	1	102,843
1/4		1/4		1/4	208,180	1/4	193,172	1/4	178,095	1/4	162,983	1/4	147,870	1/4	132,758	1/4	117,645	1/4	102,528
1/2		1/2		1/2	207,868	1/2	192,858	1/2	177,781	1/2	162,668	1/2	147,555	1/2	132,443	1/2	117,330	1/2	102,213
3/4		3/4		3/4	207,557	3/4	192,544	3/4	177,466	3/4	162,353	3/4	147,241	3/4	132,128	3/4	117,016	3/4	101,898
2		2		2	207,245	2	192,230	2	177,151	2	162,038	2	146,926	2	131,813	2	116,701	2	101,583
1/4		1/4		1/4	206,933	1/4	191,916	1/4	176,836	1/4	161,724	1/4	146,611	1/4	131,498	1/4	116,386	1/4	101,268
1/2		1/2		1/2	206,622	1/2	191,602	1/2	176,521	1/2	161,409	1/2	146,296	1/2	131,184	1/2	116,071	1/2	100,953
3/4		3/4		3/4	206,310	3/4	191,288	3/4	176,206	3/4	161,094	3/4	145,981	3/4	130,869	3/4	115,756	3/4	100,638
3		3		3	205,998	3	190,974	3	175,892	3	160,779	3	145,666	3	130,554	3	115,441	3	100,323
1/4		1/4		1/4	205,686	1/4	190,660	1/4	175,577	1/4	160,464	1/4	145,352	1/4	130,239	1/4	115,126	1/4	100,008
1/2		1/2		1/2	205,375	1/2	190,347	1/2	175,262	1/2	160,149	1/2	145,037	1/2	129,924	1/2	114,812	1/2	99,693
3/4		3/4		3/4	205,063	3/4	190,033	3/4	174,947	3/4	159,834	3/4	144,722	3/4	129,609	3/4	114,497	3/4	99,378
4		4		4	204,751	4	189,719	4	174,632	4	159,520	4	144,407	4	129,294	4	114,182	4	99,063
1/4		1/4		1/4	204,439	1/4	189,405	1/4	174,317	1/4	159,205	1/4	144,092	1/4	128,980	1/4	113,867	1/4	98,748
1/2		1/2		1/2	204,128	1/2	189,091	1/2	174,002	1/2	158,890	1/2	143,777	1/2	128,665	1/2	113,552	1/2	98,433
3/4		3/4		3/4	203,816	3/4	188,777	3/4	173,688	3/4	158,575	3/4	143,463	3/4	128,350	3/4	113,237	3/4	98,118
5		5		5	203,504	5	188,463	5	173,373	5	158,260	5	143,148	5	128,035	5	112,923	5	97,803
1/4		1/4		1/4	203,192	1/4	188,149	1/4	173,058	1/4	157,945	1/4	142,833	1/4	127,720	1/4	112,608	1/4	97,488
1/2		1/2		1/2	202,881	1/2	187,835	1/2	172,743	1/2	157,631	1/2	142,518	1/2	127,405	1/2	112,293	1/2	97,173
3/4		3/4		3/4	202,569	3/4	187,521	3/4	172,428	3/4	157,316	3/4	142,203	3/4	127,091	3/4	111,978	3/4	96,858
6		6		6	202,257	6	187,207	6	172,113	6	157,001	6	141,888	6	126,776	6	111,663	6	96,543
1/4		1/4		1/4	201,945	1/4	186,893	1/4	171,799	1/4	156,686	1/4	141,573	1/4	126,461	1/4	111,348	1/4	96,228
1/2		1/2		1/2	201,634	1/2	186,579	1/2	171,484	1/2	156,371	1/2	141,259	1/2	126,146	1/2	111,033	1/2	95,913
3/4		3/4		3/4	201,322	3/4	186,265	3/4	171,169	3/4	156,056	3/4	140,944	3/4	125,831	3/4	110,718	3/4	95,598
7		7		7	201,010	7	185,952	7	170,854	7	155,741	7	140,629	7	125,516	7	110,403	7	95,283
1/4		1/4		1/4	200,699	1/4	185,638	1/4	170,539	1/4	155,427	1/4	140,314	1/4	125,201	1/4	110,088	1/4	94,968
1/2		1/2		1/2	214,704	1/2	200,387	1/2	185,324	1/2	170,224	1/2	155,112	1/2	139,999	1/2	124,887	1/2	109,773
3/4		3/4		3/4	214,488	3/4	200,074	3/4	185,010	3/4	169,909	3/4	154,797	3/4	139,684	3/4	124,572	3/4	109,458
8		8		8	214,272	8	199,762	8	184,696	8	169,595	8	154,482	8	139,370	8	124,257	8	109,143
1/4		1/4		1/4	214,055	1/4	199,449	1/4	184,382	1/4	169,280	1/4	154,167	1/4	139,055	1/4	123,942	1/4	108,828
1/2		1/2		1/2	213,839	1/2	199,137	1/2	184,068	1/2	168,965	1/2	153,852	1/2	138,740	1/2	123,627	1/2	108,513
3/4		3/4		3/4	213,578	3/4	198,823	3/4	183,754	3/4	168,650	3/4	153,538	3/4	138,425	3/4	123,312	3/4	108,198
9		9		9	213,317	9	198,509	9	183,440	9	168,335	9	153,223	9	138,110	9	122,998	9	107,883
1/4		1/4		1/4	213,055	1/4	198,195	1/4	183,126	1/4	168,020	1/4	152,908	1/4	137,795	1/4	122,683	1/4	107,568
1/2		1/2		1/2	212,794	1/2	197,881	1/2	182,812	1/2	167,706	1/2	152,593	1/2	137,480	1/2	122,368	1/2	107,253
3/4		3/4		3/4	212,497	3/4	197,567	3/4	182,498	3/4	167,391	3/4	152,278	3/4	137,166	3/4	122,053	3/4	106,938
10		10		10	212,200	10	197,253	10	182,184	10	167,076	10	151,963	10	136,851	10	121,738	10	106,623
1/4		1/4		1/4	211,903	1/4	196,939	1/4	181,870	1/4	166,761	1/4	151,648	1/4	136,536	1/4	121,423	1/4	106,308
1/2		1/2		1/2	211,605	1/2	196,625	1/2	181,556	1/2	166,446	1/2	151,334	1/2	136,221	1/2	121,108	1/2	105,993
3/4		3/4		3/4	211,294	3/4	196,311	3/4	181,242	3/4	166,131	3/4	151,019	3/4	135,906	3/4	120,794	3/4	105,678
11		11		11	210,984	11	195,997	11	180,928	11	165,817	11	150,704	11	135,591	11	120,479	11	105,363
1/4		1/4		1/4	210,673	1/4	195,683	1/4	180,614	1/4	165,502	1/4	150,389	1/4	135,277	1/4	120,164	1/4	105,048
1/2		1/2		1/2	210,362	1/2	195,369	1/2	180,299	1/2	165,187	1/2	150,074	1/2	134,962	1/2	119,849	1/2	104,733
3/4		3/4		3/4	210,050	3/4	195,055	3/4	179,985	3/4	164,872	3/4	149,759	3/4	134,647	3/4	119,534	3/4	104,418

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "GBL 6130"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 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	88,983	0	73,863	0	58,744	0	43,635	0	28,527	0	13,407	0		0		0		0	
1/4	88,668	1/4	73,548	1/4	58,429	1/4	43,320	1/4	28,212	1/4	13,092	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,353	1/2	73,233	1/2	58,114	1/2	43,006	1/2	27,897	1/2	12,777	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,038	3/4	72,918	3/4	57,799	3/4	42,691	3/4	27,582	3/4	12,462	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	87,723	1	72,603	1	57,484	1	42,377	1	27,267	1	12,147	1	1	1	1	1	1	1	1
1/4	87,408	1/4	72,288	1/4	57,169	1/4	42,063	1/4	26,952	1/4	11,832	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,093	1/2	71,973	1/2	56,854	1/2	41,748	1/2	26,637	1/2	11,517	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,778	3/4	71,658	3/4	56,539	3/4	41,434	3/4	26,322	3/4	11,202	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	86,463	2	71,343	2	56,224	2	41,119	2	26,007	2	10,887	2	2	2	2	2	2	2	2
1/4	86,148	1/4	71,028	1/4	55,909	1/4	40,805	1/4	25,692	1/4	10,572	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,833	1/2	70,713	1/2	55,594	1/2	40,491	1/2	25,377	1/2	10,257	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,518	3/4	70,398	3/4	55,279	3/4	40,176	3/4	25,062	3/4	9,942	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	85,203	3	70,083	3	54,964	3	39,862	3	24,747	3	9,627	3	3	3	3	3	3	3	3
1/4	84,888	1/4	69,768	1/4	54,649	1/4	39,547	1/4	24,432	1/4	9,312	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,573	1/2	69,453	1/2	54,334	1/2	39,233	1/2	24,117	1/2	8,997	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,258	3/4	69,138	3/4	54,019	3/4	38,919	3/4	23,802	3/4	8,682	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	83,943	4	68,823	4	53,704	4	38,604	4	23,487	4	8,367	4	4	4	4	4	4	4	4
1/4	83,628	1/4	68,508	1/4	53,389	1/4	38,290	1/4	23,172	1/4	8,052	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,313	1/2	68,193	1/2	53,074	1/2	37,975	1/2	22,857	1/2	7,737	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,998	3/4	67,878	3/4	52,759	3/4	37,660	3/4	22,542	3/4	7,422	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	82,683	5	67,563	5	52,444	5	37,346	5	22,227	5	7,107	5	5	5	5	5	5	5	5
1/4	82,368	1/4	67,248	1/4	52,129	1/4	37,031	1/4	21,912	1/4	6,792	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,053	1/2	66,933	1/2	51,814	1/2	36,716	1/2	21,597	1/2	6,477	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,738	3/4	66,619	3/4	51,499	3/4	36,401	3/4	21,282	3/4	6,162	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	81,423	6	66,304	6	51,184	6	36,086	6	20,967	6	5,847	6	6	6	6	6	6	6	6
1/4	81,108	1/4	65,989	1/4	50,869	1/4	35,771	1/4	20,652	1/4	5,532	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,793	1/2	65,674	1/2	50,554	1/2	35,456	1/2	20,337	1/2	5,217	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,478	3/4	65,359	3/4	50,239	3/4	35,141	3/4	20,022	3/4	4,903	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	80,163	7	65,044	7	49,924	7	34,826	7	19,707	7	4,588	7	7	7	7	7	7	7	7
1/4	79,848	1/4	64,729	1/4	49,609	1/4	34,511	1/4	19,392	1/4	4,273	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,533	1/2	64,414	1/2	49,294	1/2	34,196	1/2	19,077	1/2	3,958	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,218	3/4	64,099	3/4	48,979	3/4	33,881	3/4	18,762	3/4	3,644	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	78,903	8	63,784	8	48,665	8	33,566	8	18,447	8	3,330	8	8	8	8	8	8	8	8
1/4	78,588	1/4	63,469	1/4	48,351	1/4	33,251	1/4	18,132	1/4	3,016	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,273	1/2	63,154	1/2	48,036	1/2	32,936	1/2	17,817	1/2	2,702	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,958	3/4	62,839	3/4	47,722	3/4	32,621	3/4	17,502	3/4	2,408	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,643	9	62,524	9	47,407	9	32,306	9	17,187	9	2,113	9	9	9	9	9	9	9	9
1/4	77,328	1/4	62,209	1/4	47,093	1/4	31,991	1/4	16,872	1/4	1,819	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,013	1/2	61,894	1/2	46,779	1/2	31,676	1/2	16,557	1/2	1,525	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,698	3/4	61,579	3/4	46,464	3/4	31,361	3/4	16,242	3/4	1,302	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,383	10	61,264	10	46,150	10	31,046	10	15,927	10	1,078	10	10	10	10	10	10	10	10
1/4	76,068	1/4	60,949	1/4	45,835	1/4	30,732	1/4	15,612	1/4	855	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,753	1/2	60,634	1/2	45,521	1/2	30,417	1/2	15,297	1/2	632	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,438	3/4	60,319	3/4	45,207	3/4	30,102	3/4	14,982	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	75,123	11	60,004	11	44,892	11	29,787	11	14,667	11		11	11	11	11	11	11	11	11
1/4	74,808	1/4	59,689	1/4	44,578	1/4	29,472	1/4	14,352	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,493	1/2	59,374	1/2	44,263	1/2	29,157	1/2	14,037	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,178	3/4	59,059	3/4	43,949	3/4	28,842	3/4	13,722	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: 09/24/2018 CL
CALCULATED: 09/25/2018 CL
PRINTED: 09/25/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2018

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



BARGE "GBL 6130"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 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	0	0	0	0	207,627	0	192,715	0	177,731	0	162,708	0	147,684	0	132,660	0	117,637	0	102,609
1/4	1/4	1/4	1/4	1/4	207,317	1/4	192,403	1/4	177,418	1/4	162,395	1/4	147,371	1/4	132,347	1/4	117,324	1/4	102,296
1/2	1/2	1/2	1/2	1/2	207,007	1/2	192,091	1/2	177,105	1/2	162,082	1/2	147,058	1/2	132,034	1/2	117,011	1/2	101,983
3/4	3/4	3/4	3/4	3/4	206,697	3/4	191,779	3/4	176,792	3/4	161,769	3/4	146,745	3/4	131,721	3/4	116,698	3/4	101,670
1	1	1	1	1	206,387	1	191,467	1	176,479	1	161,456	1	146,432	1	131,408	1	116,385	1	101,357
1/4	1/4	1/4	1/4	1/4	206,077	1/4	191,155	1/4	176,166	1/4	161,143	1/4	146,119	1/4	131,095	1/4	116,072	1/4	101,043
1/2	1/2	1/2	1/2	1/2	205,767	1/2	190,843	1/2	175,853	1/2	160,830	1/2	145,806	1/2	130,782	1/2	115,759	1/2	100,730
3/4	3/4	3/4	3/4	3/4	205,457	3/4	190,531	3/4	175,540	3/4	160,517	3/4	145,493	3/4	130,469	3/4	115,446	3/4	100,417
2	2	2	2	2	205,147	2	190,219	2	175,227	2	160,204	2	145,180	2	130,156	2	115,133	2	100,104
1/4	1/4	1/4	1/4	1/4	204,837	1/4	189,907	1/4	174,914	1/4	159,891	1/4	144,867	1/4	129,843	1/4	114,820	1/4	99,791
1/2	1/2	1/2	1/2	1/2	204,528	1/2	189,594	1/2	174,601	1/2	159,578	1/2	144,554	1/2	129,530	1/2	114,507	1/2	99,478
3/4	3/4	3/4	3/4	3/4	204,218	3/4	189,282	3/4	174,288	3/4	159,265	3/4	144,241	3/4	129,217	3/4	114,194	3/4	99,165
3	3	3	3	3	203,908	3	188,970	3	173,975	3	158,952	3	143,928	3	128,904	3	113,881	3	98,851
1/4	1/4	1/4	1/4	1/4	203,598	1/4	188,658	1/4	173,662	1/4	158,639	1/4	143,615	1/4	128,591	1/4	113,568	1/4	98,538
1/2	1/2	1/2	1/2	1/2	203,288	1/2	188,346	1/2	173,349	1/2	158,326	1/2	143,302	1/2	128,278	1/2	113,255	1/2	98,225
3/4	3/4	3/4	3/4	3/4	202,978	3/4	188,034	3/4	173,036	3/4	158,013	3/4	142,989	3/4	127,965	3/4	112,942	3/4	97,912
4	4	4	4	4	202,668	4	187,722	4	172,723	4	157,700	4	142,676	4	127,652	4	112,629	4	97,599
1/4	1/4	1/4	1/4	1/4	202,358	1/4	187,410	1/4	172,410	1/4	157,387	1/4	142,363	1/4	127,339	1/4	112,316	1/4	97,286
1/2	1/2	1/2	1/2	1/2	202,048	1/2	187,098	1/2	172,097	1/2	157,074	1/2	142,050	1/2	127,026	1/2	112,003	1/2	96,973
3/4	3/4	3/4	3/4	3/4	201,738	3/4	186,786	3/4	171,784	3/4	156,761	3/4	141,737	3/4	126,713	3/4	111,690	3/4	96,659
5	5	5	5	5	201,429	5	186,474	5	171,471	5	156,448	5	141,424	5	126,400	5	111,377	5	96,346
1/4	1/4	1/4	1/4	1/4	201,119	1/4	186,162	1/4	171,158	1/4	156,135	1/4	141,111	1/4	126,087	1/4	111,064	1/4	96,033
1/2	1/2	1/2	1/2	1/2	200,809	1/2	185,849	1/2	170,845	1/2	155,822	1/2	140,798	1/2	125,774	1/2	110,751	1/2	95,720
3/4	3/4	3/4	3/4	3/4	200,499	3/4	185,537	3/4	170,532	3/4	155,509	3/4	140,485	3/4	125,461	3/4	110,438	3/4	95,407
6	6	6	6	6	200,189	6	185,225	6	170,219	6	155,196	6	140,172	6	125,148	6	110,125	6	95,094
1/4	1/4	1/4	1/4	1/4	199,879	1/4	184,913	1/4	169,906	1/4	154,883	1/4	139,859	1/4	124,835	1/4	109,812	1/4	94,781
1/2	1/2	1/2	1/2	1/2	199,569	1/2	184,601	1/2	169,593	1/2	154,570	1/2	139,546	1/2	124,522	1/2	109,498	1/2	94,467
3/4	3/4	3/4	3/4	3/4	199,259	3/4	184,289	3/4	169,280	3/4	154,257	3/4	139,233	3/4	124,209	3/4	109,185	3/4	94,154
7	7	7	7	7	198,949	7	183,977	7	168,967	7	153,944	7	138,920	7	123,896	7	108,872	7	93,841
1/4	1/4	212,873	1/4	198,639	1/4	183,665	1/4	168,654	1/4	153,631	1/4	138,607	1/4	123,583	1/4	108,559	1/4	93,528	
1/2	1/2	212,658	1/2	198,329	1/2	183,353	1/2	168,341	1/2	153,318	1/2	138,294	1/2	123,270	1/2	108,246	1/2	93,215	
3/4	3/4	212,443	3/4	198,018	3/4	183,041	3/4	168,028	3/4	153,005	3/4	137,981	3/4	122,957	3/4	107,933	3/4	92,902	
8	8	212,228	8	197,707	8	182,729	8	167,715	8	152,692	8	137,668	8	122,644	8	107,620	8	92,589	
1/4	1/4	212,013	1/4	197,397	1/4	182,417	1/4	167,402	1/4	152,379	1/4	137,355	1/4	122,331	1/4	107,306	1/4	92,275	
1/2	1/2	211,753	1/2	197,084	1/2	182,104	1/2	167,089	1/2	152,066	1/2	137,042	1/2	122,018	1/2	106,993	1/2	91,962	
3/4	3/4	211,493	3/4	196,772	3/4	181,792	3/4	166,776	3/4	151,753	3/4	136,729	3/4	121,705	3/4	106,680	3/4	91,649	
9	9	211,234	9	196,460	9	181,480	9	166,463	9	151,440	9	136,416	9	121,393	9	106,367	9	91,336	
1/4	1/4	210,974	1/4	196,148	1/4	181,168	1/4	166,150	1/4	151,127	1/4	136,103	1/4	121,080	1/4	106,054	1/4	91,023	
1/2	1/2	210,678	1/2	195,836	1/2	180,856	1/2	165,837	1/2	150,814	1/2	135,790	1/2	120,767	1/2	105,741	1/2	90,710	
3/4	3/4	210,383	3/4	195,524	3/4	180,544	3/4	165,524	3/4	150,501	3/4	135,477	3/4	120,454	3/4	105,428	3/4	90,397	
10	10	210,087	10	195,212	10	180,232	10	165,211	10	150,188	10	135,164	10	120,141	10	105,114	10	90,083	
1/4	1/4	209,792	1/4	194,900	1/4	179,920	1/4	164,899	1/4	149,875	1/4	134,851	1/4	119,828	1/4	104,801	1/4	89,770	
1/2	1/2	209,483	1/2	194,588	1/2	179,607	1/2	164,586	1/2	149,562	1/2	134,538	1/2	119,515	1/2	104,488	1/2	89,457	
3/4	3/4	209,174	3/4	194,276	3/4	179,295	3/4	164,273	3/4	149,249	3/4	134,225	3/4	119,202	3/4	104,175	3/4	89,144	
11	11	208,865	11	193,964	11	178,983	11	163,960	11	148,936	11	133,912	11	118,889	11	103,862	11	88,831	
1/4	1/4	208,556	1/4	193,652	1/4	178,670	1/4	163,647	1/4	148,623	1/4	133,599	1/4	118,576	1/4	103,549	1/4	88,518	
1/2	1/2	208,246	1/2	193,339	1/2	178,357	1/2	163,334	1/2	148,310	1/2	133,286	1/2	118,263	1/2	103,235	1/2	88,205	
3/4	3/4	207,936	3/4	193,027	3/4	178,044	3/4	163,021	3/4	147,997	3/4	132,973	3/4	117,950	3/4	102,922	3/4	87,891	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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



BARGE "GBL 6130"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 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	87,578	0	72,678	0	57,925	0	43,065	0	28,046	0	13,015	0		0		0		0	
1/4	87,265	1/4	72,370	1/4	57,618	1/4	42,753	1/4	27,732	1/4	12,702	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,952	1/2	72,063	1/2	57,311	1/2	42,440	1/2	27,419	1/2	12,389	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,639	3/4	71,756	3/4	57,003	3/4	42,128	3/4	27,106	3/4	12,076	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	86,326	1	71,448	1	56,696	1	41,815	1	26,793	1	11,763	1	1	1	1	1	1	1	1
1/4	86,013	1/4	71,141	1/4	56,389	1/4	41,503	1/4	26,480	1/4	11,449	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,699	1/2	70,834	1/2	56,081	1/2	41,190	1/2	26,167	1/2	11,136	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,386	3/4	70,526	3/4	55,774	3/4	40,877	3/4	25,854	3/4	10,823	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	85,073	2	70,219	2	55,467	2	40,565	2	25,541	2	10,510	2	2	2	2	2	2	2	2
1/4	84,760	1/4	69,912	1/4	55,159	1/4	40,252	1/4	25,227	1/4	10,197	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,447	1/2	69,604	1/2	54,852	1/2	39,940	1/2	24,914	1/2	9,884	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,134	3/4	69,297	3/4	54,545	3/4	39,627	3/4	24,601	3/4	9,571	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,821	3	68,990	3	54,237	3	39,315	3	24,288	3	9,257	3	3	3	3	3	3	3	3
1/4	83,507	1/4	68,682	1/4	53,930	1/4	39,002	1/4	23,975	1/4	8,944	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,194	1/2	68,375	1/2	53,622	1/2	38,690	1/2	23,662	1/2	8,631	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,881	3/4	68,068	3/4	53,315	3/4	38,377	3/4	23,349	3/4	8,318	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	82,568	4	67,760	4	53,008	4	38,064	4	23,035	4	8,005	4	4	4	4	4	4	4	4
1/4	82,255	1/4	67,453	1/4	52,700	1/4	37,752	1/4	22,722	1/4	7,692	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,942	1/2	67,146	1/2	52,393	1/2	37,439	1/2	22,409	1/2	7,379	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,628	3/4	66,838	3/4	52,086	3/4	37,126	3/4	22,096	3/4	7,066	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	81,315	5	66,531	5	51,778	5	36,813	5	21,783	5	6,752	5	5	5	5	5	5	5	5
1/4	81,002	1/4	66,224	1/4	51,471	1/4	36,500	1/4	21,470	1/4	6,439	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,690	1/2	65,916	1/2	51,164	1/2	36,187	1/2	21,157	1/2	6,126	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,378	3/4	65,609	3/4	50,856	3/4	35,874	3/4	20,843	3/4	5,813	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	80,066	6	65,302	6	50,549	6	35,561	6	20,530	6	5,500	6	6	6	6	6	6	6	6
1/4	79,754	1/4	64,994	1/4	50,242	1/4	35,248	1/4	20,217	1/4	5,187	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,445	1/2	64,687	1/2	49,932	1/2	34,935	1/2	19,904	1/2	4,874	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,136	3/4	64,380	3/4	49,623	3/4	34,621	3/4	19,591	3/4	4,561	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	78,827	7	64,072	7	49,314	7	34,308	7	19,278	7	4,248	7	7	7	7	7	7	7	7
1/4	78,517	1/4	63,765	1/4	49,004	1/4	33,995	1/4	18,965	1/4	3,935	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,210	1/2	63,457	1/2	48,692	1/2	33,682	1/2	18,652	1/2	3,623	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,903	3/4	63,150	3/4	48,379	3/4	33,369	3/4	18,338	3/4	3,311	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	77,595	8	62,843	8	48,066	8	33,056	8	18,025	8	2,998	8	8	8	8	8	8	8	8
1/4	77,288	1/4	62,535	1/4	47,754	1/4	32,743	1/4	17,712	1/4	2,686	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,981	1/2	62,228	1/2	47,441	1/2	32,430	1/2	17,399	1/2	2,373	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,673	3/4	61,921	3/4	47,129	3/4	32,116	3/4	17,086	3/4	2,061	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	76,366	9	61,613	9	46,816	9	31,803	9	16,773	9	1,808	9	9	9	9	9	9	9	9
1/4	76,059	1/4	61,306	1/4	46,503	1/4	31,490	1/4	16,460	1/4	1,516	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,751	1/2	60,999	1/2	46,191	1/2	31,177	1/2	16,146	1/2	1,294	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,444	3/4	60,691	3/4	45,878	3/4	30,864	3/4	15,833	3/4	1,072	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	75,137	10	60,384	10	45,566	10	30,551	10	15,520	10	850	10	10	10	10	10	10	10	10
1/4	74,829	1/4	60,077	1/4	45,253	1/4	30,238	1/4	15,207	1/4	629	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,522	1/2	59,769	1/2	44,941	1/2	29,924	1/2	14,894	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,215	3/4	59,462	3/4	44,628	3/4	29,611	3/4	14,581	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	73,907	11	59,155	11	44,316	11	29,298	11	14,268	11		11	11	11	11	11	11	11	11
1/4	73,600	1/4	58,847	1/4	44,003	1/4	28,985	1/4	13,955	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,292	1/2	58,540	1/2	43,690	1/2	28,672	1/2	13,641	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,985	3/4	58,233	3/4	43,378	3/4	28,359	3/4	13,328	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: 09/24/2018 CL
CALCULATED: 09/25/2018 CL
PRINTED: 09/25/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "GBL 6130"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	
0	0	0	0	0	192,013	0	181,719	0	171,370	0	160,993	0	149,132	0	134,147	0	119,136	0	104,117	
1/4	1/4	1/4	1/4	1/4	191,800	1/4	181,503	1/4	171,154	1/4	160,777	1/4	148,821	1/4	133,835	1/4	118,823	1/4	103,804	
1/2	1/2	1/2	1/2	1/2	191,586	1/2	181,287	1/2	170,938	1/2	160,561	1/2	148,510	1/2	133,522	1/2	118,511	1/2	103,491	
3/4	3/4	3/4	3/4	3/4	191,372	3/4	181,072	3/4	170,721	3/4	160,345	3/4	148,199	3/4	133,209	3/4	118,198	3/4	103,178	
1	1	1	1	1	191,158	1	180,856	1	170,505	1	160,128	1	147,888	1	132,897	1	117,885	1	102,864	
1/4	1/4	1/4	1/4	1/4	190,944	1/4	180,641	1/4	170,289	1/4	159,912	1/4	147,577	1/4	132,584	1/4	117,572	1/4	102,551	
1/2	1/2	1/2	1/2	1/2	190,730	1/2	180,425	1/2	170,073	1/2	159,696	1/2	147,266	1/2	132,271	1/2	117,260	1/2	102,238	
3/4	3/4	3/4	3/4	3/4	190,516	3/4	180,210	3/4	169,857	3/4	159,480	3/4	146,955	3/4	131,958	3/4	116,947	3/4	101,925	
2	2	2	2	2	190,301	2	179,994	2	169,641	2	159,264	2	146,645	2	131,646	2	116,634	2	101,612	
1/4	1/4	1/4	1/4	1/4	190,087	1/4	179,778	1/4	169,424	1/4	159,048	1/4	146,334	1/4	131,333	1/4	116,321	1/4	101,299	
1/2	1/2	1/2	1/2	1/2	189,873	1/2	179,563	1/2	169,208	1/2	158,831	1/2	146,023	1/2	131,020	1/2	116,009	1/2	100,986	
3/4	3/4	3/4	3/4	3/4	189,659	3/4	179,347	3/4	168,992	3/4	158,615	3/4	145,712	3/4	130,707	3/4	115,696	3/4	100,672	
3	3	3	3	3	189,445	3	179,132	3	168,776	3	158,399	3	145,401	3	130,395	3	115,383	3	100,359	
1/4	1/4	1/4	1/4	1/4	189,231	1/4	178,916	1/4	168,560	1/4	158,174	1/4	145,090	1/4	130,082	1/4	115,070	1/4	100,046	
1/2	1/2	1/2	1/2	1/2	189,017	1/2	178,701	1/2	168,343	1/2	157,948	1/2	144,778	1/2	129,769	1/2	114,758	1/2	99,733	
3/4	3/4	3/4	3/4	3/4	188,803	3/4	178,485	3/4	168,127	3/4	157,723	3/4	144,467	3/4	129,456	3/4	114,445	3/4	99,420	
4	4	4	4	4	188,589	4	178,269	4	167,911	4	157,498	4	144,155	4	129,144	4	114,132	4	99,107	
1/4	1/4	1/4	1/4	1/4	188,375	1/4	178,054	1/4	167,695	1/4	157,257	1/4	143,842	1/4	128,831	1/4	113,819	1/4	98,794	
1/2	1/2	1/2	1/2	1/2	188,161	1/2	177,838	1/2	167,479	1/2	157,017	1/2	143,530	1/2	128,518	1/2	113,507	1/2	98,480	
3/4	3/4	3/4	3/4	3/4	187,947	3/4	177,623	3/4	167,263	3/4	156,776	3/4	143,217	3/4	128,205	3/4	113,194	3/4	98,167	
5	5	5	5	5	187,733	5	177,407	5	167,046	5	156,536	5	142,904	5	127,893	5	112,881	5	97,854	
1/4	1/4	1/4	1/4	1/4	187,519	1/4	177,191	1/4	166,830	1/4	156,296	1/4	142,591	1/4	127,580	1/4	112,569	1/4	97,541	
1/2	1/2	1/2	1/2	1/2	187,305	1/2	176,976	1/2	166,614	1/2	156,055	1/2	142,279	1/2	127,267	1/2	112,256	1/2	97,228	
3/4	3/4	3/4	3/4	3/4	187,091	3/4	176,760	3/4	166,398	3/4	155,815	3/4	141,966	3/4	126,954	3/4	111,943	3/4	96,915	
6	6	6	6	6	186,876	6	176,545	6	166,182	6	155,574	6	141,653	6	126,642	6	111,630	6	96,602	
1/4	1/4	1/4	1/4	1/4	186,662	1/4	176,329	1/4	165,965	1/4	155,334	1/4	141,340	1/4	126,329	1/4	111,318	1/4	96,288	
1/2	1/2	1/2	1/2	1/2	186,448	1/2	176,114	1/2	165,749	1/2	155,093	1/2	141,028	1/2	126,016	1/2	111,005	1/2	95,975	
3/4	3/4	3/4	3/4	3/4	186,234	3/4	175,898	3/4	165,533	3/4	154,853	3/4	140,715	3/4	125,704	3/4	110,692	3/4	95,662	
7	7	7	7	7	186,020	7	175,682	7	165,317	7	154,612	7	140,402	7	125,391	7	110,379	7	95,349	
1/4	1/4	1/4	1/4	1/4	185,806	1/4	175,467	1/4	165,101	1/4	154,372	1/4	140,089	1/4	125,078	1/4	110,066	1/4	95,036	
1/2	1/2	1/2	1/2	1/2	185,592	1/2	175,251	1/2	164,884	1/2	154,131	1/2	139,777	1/2	124,765	1/2	109,753	1/2	94,723	
3/4	3/4	3/4	3/4	3/4	185,378	3/4	175,036	3/4	164,668	3/4	153,891	3/4	139,464	3/4	124,453	3/4	109,440	3/4	94,410	
8	8	194,796	8	185,164	8	174,820	8	164,452	8	153,651	8	139,151	8	124,140	8	109,127	8	94,096		
1/4	1/4	194,677	1/4	184,949	1/4	174,605	1/4	164,236	1/4	153,410	1/4	138,839	1/4	123,827	1/4	108,814	1/4	93,783		
1/2	1/2	194,557	1/2	184,735	1/2	174,389	1/2	164,020	1/2	153,170	1/2	138,526	1/2	123,514	1/2	108,501	1/2	93,470		
3/4	3/4	194,438	3/4	184,520	3/4	174,173	3/4	163,804	3/4	152,929	3/4	138,213	3/4	123,202	3/4	108,188	3/4	93,157		
9	9	194,319	9	184,305	9	173,958	9	163,587	9	152,689	9	137,900	9	122,889	9	107,875	9	92,844		
1/4	1/4	194,155	1/4	184,090	1/4	173,742	1/4	163,371	1/4	152,422	1/4	137,588	1/4	122,576	1/4	107,562	1/4	92,531		
1/2	1/2	193,992	1/2	183,874	1/2	173,527	1/2	163,155	1/2	152,155	1/2	137,275	1/2	122,263	1/2	107,249	1/2	92,218		
3/4	3/4	193,828	3/4	183,659	3/4	173,311	3/4	162,939	3/4	151,888	3/4	136,962	3/4	121,951	3/4	106,935	3/4	91,904		
10	10	193,664	10	183,443	10	173,096	10	162,723	10	151,621	10	136,649	10	121,638	10	106,622	10	91,591		
1/4	1/4	193,464	1/4	183,228	1/4	172,880	1/4	162,506	1/4	151,310	1/4	136,337	1/4	121,325	1/4	106,309	1/4	91,278		
1/2	1/2	193,265	1/2	183,012	1/2	172,664	1/2	162,290	1/2	150,999	1/2	136,024	1/2	121,012	1/2	105,996	1/2	90,965		
3/4	3/4	193,065	3/4	182,796	3/4	172,449	3/4	162,074	3/4	150,687	3/4	135,711	3/4	120,700	3/4	105,683	3/4	90,652		
11	11	192,866	11	182,581	11	172,233	11	161,858	11	150,376	11	135,398	11	120,387	11	105,370	11	90,339		
1/4	1/4	192,653	1/4	182,365	1/4	172,017	1/4	161,642	1/4	150,065	1/4	135,086	1/4	120,074	1/4	105,057	1/4	90,026		
1/2	1/2	192,440	1/2	182,150	1/2	171,802	1/2	161,426	1/2	149,754	1/2	134,773	1/2	119,762	1/2	104,743	1/2	89,712		
3/4	3/4	192,226	3/4	181,934	3/4	171,586	3/4	161,209	3/4	149,443	3/4	134,460	3/4	119,449	3/4	104,430	3/4	89,399		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "GBL 6130"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

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	89,086	0	74,055	0	59,024	0	44,003	0	28,985	0	13,955	0		0		0		0	
1/4	88,773	1/4	73,742	1/4	58,711	1/4	43,691	1/4	28,672	1/4	13,642	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,460	1/2	73,429	1/2	58,398	1/2	43,378	1/2	28,359	1/2	13,328	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,147	3/4	73,116	3/4	58,085	3/4	43,065	3/4	28,046	3/4	13,015	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	87,834	1	72,803	1	57,772	1	42,753	1	27,733	1	12,702	1	1	1	1	1	1	1	1
1/4	87,520	1/4	72,489	1/4	57,459	1/4	42,440	1/4	27,419	1/4	12,389	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,207	1/2	72,176	1/2	57,145	1/2	42,128	1/2	27,106	1/2	12,076	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,894	3/4	71,863	3/4	56,832	3/4	41,815	3/4	26,793	3/4	11,763	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	86,581	2	71,550	2	56,519	2	41,503	2	26,480	2	11,450	2	2	2	2	2	2	2	2
1/4	86,268	1/4	71,237	1/4	56,206	1/4	41,190	1/4	26,167	1/4	11,136	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,955	1/2	70,924	1/2	55,893	1/2	40,878	1/2	25,854	1/2	10,823	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,642	3/4	70,611	3/4	55,580	3/4	40,565	3/4	25,541	3/4	10,510	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	85,328	3	70,297	3	55,267	3	40,253	3	25,228	3	10,197	3	3	3	3	3	3	3	3
1/4	85,015	1/4	69,984	1/4	54,953	1/4	39,940	1/4	24,914	1/4	9,884	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,702	1/2	69,671	1/2	54,640	1/2	39,627	1/2	24,601	1/2	9,571	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,389	3/4	69,358	3/4	54,327	3/4	39,315	3/4	24,288	3/4	9,258	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	84,076	4	69,045	4	54,014	4	39,002	4	23,975	4	8,944	4	4	4	4	4	4	4	4
1/4	83,763	1/4	68,732	1/4	53,701	1/4	38,690	1/4	23,662	1/4	8,631	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,450	1/2	68,419	1/2	53,388	1/2	38,377	1/2	23,349	1/2	8,318	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,136	3/4	68,105	3/4	53,074	3/4	38,064	3/4	23,036	3/4	8,005	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	82,823	5	67,792	5	52,761	5	37,752	5	22,722	5	7,692	5	5	5	5	5	5	5	5
1/4	82,510	1/4	67,479	1/4	52,448	1/4	37,439	1/4	22,409	1/4	7,379	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,197	1/2	67,166	1/2	52,135	1/2	37,126	1/2	22,096	1/2	7,066	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,884	3/4	66,853	3/4	51,822	3/4	36,813	3/4	21,783	3/4	6,753	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	81,571	6	66,540	6	51,509	6	36,500	6	21,470	6	6,439	6	6	6	6	6	6	6	6
1/4	81,258	1/4	66,227	1/4	51,196	1/4	36,187	1/4	21,157	1/4	6,126	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,944	1/2	65,913	1/2	50,882	1/2	35,874	1/2	20,844	1/2	5,813	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,631	3/4	65,600	3/4	50,569	3/4	35,561	3/4	20,531	3/4	5,500	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	80,318	7	65,287	7	50,256	7	35,248	7	20,217	7	5,187	7	7	7	7	7	7	7	7
1/4	80,005	1/4	64,974	1/4	49,943	1/4	34,935	1/4	19,904	1/4	4,874	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,692	1/2	64,661	1/2	49,630	1/2	34,622	1/2	19,591	1/2	4,561	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,379	3/4	64,348	3/4	49,317	3/4	34,308	3/4	19,278	3/4	4,248	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,066	8	64,035	8	49,004	8	33,995	8	18,965	8	3,935	8	8	8	8	8	8	8	8
1/4	78,752	1/4	63,721	1/4	48,692	1/4	33,682	1/4	18,652	1/4	3,623	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,439	1/2	63,408	1/2	48,379	1/2	33,369	1/2	18,339	1/2	3,311	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,126	3/4	63,095	3/4	48,066	3/4	33,056	3/4	18,025	3/4	2,998	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,813	9	62,782	9	47,754	9	32,743	9	17,712	9	2,686	9	9	9	9	9	9	9	9
1/4	77,500	1/4	62,469	1/4	47,441	1/4	32,430	1/4	17,399	1/4	2,374	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,187	1/2	62,156	1/2	47,129	1/2	32,117	1/2	17,086	1/2	2,101	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,873	3/4	61,843	3/4	46,816	3/4	31,803	3/4	16,773	3/4	1,808	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,560	10	61,529	10	46,503	10	31,490	10	16,460	10	1,516	10	10	10	10	10	10	10	10
1/4	76,247	1/4	61,216	1/4	46,191	1/4	31,177	1/4	16,147	1/4	1,294	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,934	1/2	60,903	1/2	45,878	1/2	30,864	1/2	15,833	1/2	1,072	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,621	3/4	60,590	3/4	45,566	3/4	30,551	3/4	15,520	3/4	850	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	75,308	11	60,277	11	45,253	11	30,238	11	15,207	11	629	11	11	11	11	11	11	11	11
1/4	74,995	1/4	59,964	1/4	44,941	1/4	29,925	1/4	14,894	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,681	1/2	59,651	1/2	44,628	1/2	29,611	1/2	14,581	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,368	3/4	59,337	3/4	44,316	3/4	29,298	3/4	14,268	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: 09/24/2018 CL
CALCULATED: 09/25/2018 CL
PRINTED: 09/25/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "GBL 6130"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	190,144	0	179,875	0	169,554	0	159,206	0	147,190	0	132,273	0	117,335	0	102,392		
1/4	1/4	1/4	189,931	1/4	179,660	1/4	169,338	1/4	158,991	1/4	146,881	1/4	131,962	1/4	115,024	1/4	102,080		
1/2	1/2	1/2	189,718	1/2	179,445	1/2	169,123	1/2	158,775	1/2	146,571	1/2	131,651	1/2	114,713	1/2	101,768		
3/4	3/4	3/4	189,504	3/4	179,230	3/4	168,907	3/4	158,559	3/4	146,261	3/4	131,340	3/4	114,402	3/4	101,457		
1	1	1	189,291	1	179,015	1	168,692	1	158,344	1	145,952	1	131,028	1	114,091	1	101,145		
1/4	1/4	1/4	189,077	1/4	178,800	1/4	168,476	1/4	158,128	1/4	145,643	1/4	130,717	1/4	113,780	1/4	100,833		
1/2	1/2	1/2	188,864	1/2	178,585	1/2	168,261	1/2	157,913	1/2	145,333	1/2	130,406	1/2	113,469	1/2	100,521		
3/4	3/4	3/4	188,650	3/4	178,370	3/4	168,045	3/4	157,697	3/4	145,024	3/4	130,095	3/4	113,158	3/4	100,210		
2	2	2	188,437	2	178,155	2	167,829	2	157,481	2	144,715	2	129,783	2	112,847	2	99,898		
1/4	1/4	1/4	188,223	1/4	177,940	1/4	167,614	1/4	157,266	1/4	144,405	1/4	129,472	1/4	112,536	1/4	99,586		
1/2	1/2	1/2	188,010	1/2	177,725	1/2	167,398	1/2	157,050	1/2	144,096	1/2	129,161	1/2	112,225	1/2	99,275		
3/4	3/4	3/4	187,797	3/4	177,510	3/4	167,183	3/4	156,826	3/4	143,786	3/4	128,850	3/4	111,914	3/4	98,963		
3	3	3	187,583	3	177,295	3	166,967	3	156,601	3	143,476	3	128,538	3	111,603	3	98,651		
1/4	1/4	1/4	187,370	1/4	177,080	1/4	166,751	1/4	156,376	1/4	143,166	1/4	128,227	1/4	111,292	1/4	98,339		
1/2	1/2	1/2	187,156	1/2	176,865	1/2	166,536	1/2	156,152	1/2	142,856	1/2	127,916	1/2	110,981	1/2	98,028		
3/4	3/4	3/4	186,943	3/4	176,650	3/4	166,320	3/4	155,912	3/4	142,545	3/4	127,605	3/4	110,670	3/4	97,716		
4	4	4	186,729	4	176,435	4	166,105	4	155,672	4	142,233	4	127,293	4	110,359	4	97,404		
1/4	1/4	1/4	186,516	1/4	176,220	1/4	165,889	1/4	155,432	1/4	141,922	1/4	126,982	1/4	110,048	1/4	97,093		
1/2	1/2	1/2	186,302	1/2	176,005	1/2	165,674	1/2	155,193	1/2	141,611	1/2	126,671	1/2	109,737	1/2	96,781		
3/4	3/4	3/4	186,089	3/4	175,790	3/4	165,458	3/4	154,953	3/4	141,300	3/4	126,360	3/4	109,426	3/4	96,469		
5	5	5	185,875	5	175,575	5	165,242	5	154,713	5	140,988	5	126,048	5	111,115	5	96,157		
1/4	1/4	1/4	185,662	1/4	175,360	1/4	165,027	1/4	154,473	1/4	140,677	1/4	125,737	1/4	110,804	1/4	95,846		
1/2	1/2	1/2	185,448	1/2	175,145	1/2	164,811	1/2	154,233	1/2	140,366	1/2	125,426	1/2	110,493	1/2	95,534		
3/4	3/4	3/4	185,235	3/4	174,931	3/4	164,596	3/4	153,994	3/4	140,055	3/4	125,115	3/4	110,182	3/4	95,222		
6	6	6	185,021	6	174,716	6	164,380	6	153,754	6	139,743	6	124,803	6	109,871	6	94,911		
1/4	1/4	1/4	184,808	1/4	174,501	1/4	164,164	1/4	153,514	1/4	139,432	1/4	124,492	1/4	109,560	1/4	94,599		
1/2	1/2	1/2	184,595	1/2	174,286	1/2	163,949	1/2	153,274	1/2	139,121	1/2	124,181	1/2	109,249	1/2	94,287		
3/4	3/4	3/4	184,381	3/4	174,071	3/4	163,733	3/4	153,034	3/4	138,810	3/4	123,870	3/4	108,937	3/4	93,975		
7	7	7	184,168	7	173,856	7	163,518	7	152,795	7	138,498	7	123,558	7	108,626	7	93,664		
1/4	1/4	1/4	183,954	1/4	173,641	1/4	163,302	1/4	152,555	1/4	138,187	1/4	123,247	1/4	108,314	1/4	93,352		
1/2	1/2	1/2	193,345	1/2	183,741	1/2	173,426	1/2	163,087	1/2	152,315	1/2	137,876	1/2	122,936	1/2	108,003	1/2	93,040
3/4	3/4	3/4	193,227	3/4	183,527	3/4	173,211	3/4	162,871	3/4	152,075	3/4	137,565	3/4	122,625	3/4	107,691	3/4	92,729
8	8	8	193,108	8	183,313	8	172,996	8	162,655	8	151,836	8	137,253	8	122,313	8	107,379	8	92,417
1/4	1/4	1/4	192,989	1/4	183,099	1/4	172,781	1/4	162,440	1/4	151,596	1/4	136,942	1/4	122,002	1/4	107,068	1/4	92,105
1/2	1/2	1/2	192,870	1/2	182,885	1/2	172,566	1/2	162,224	1/2	151,356	1/2	136,631	1/2	121,691	1/2	106,756	1/2	91,793
3/4	3/4	3/4	192,707	3/4	182,670	3/4	172,351	3/4	162,009	3/4	151,090	3/4	136,320	3/4	121,380	3/4	106,444	3/4	91,482
9	9	9	192,544	9	182,455	9	172,136	9	161,793	9	150,824	9	136,008	9	121,068	9	106,132	9	91,170
1/4	1/4	1/4	192,380	1/4	182,240	1/4	171,921	1/4	161,578	1/4	150,557	1/4	135,697	1/4	120,757	1/4	105,821	1/4	90,858
1/2	1/2	1/2	192,217	1/2	182,025	1/2	171,706	1/2	161,362	1/2	150,291	1/2	135,386	1/2	120,446	1/2	105,509	1/2	90,546
3/4	3/4	3/4	192,018	3/4	181,810	3/4	171,491	3/4	161,146	3/4	149,981	3/4	135,075	3/4	120,135	3/4	105,197	3/4	90,235
10	10	10	191,819	10	181,595	10	171,276	10	160,931	10	149,671	10	134,763	10	119,824	10	104,886	10	89,923
1/4	1/4	1/4	191,620	1/4	181,380	1/4	171,061	1/4	160,715	1/4	149,361	1/4	134,452	1/4	119,512	1/4	104,574	1/4	89,611
1/2	1/2	1/2	191,421	1/2	181,165	1/2	170,846	1/2	160,500	1/2	149,051	1/2	134,141	1/2	119,201	1/2	104,262	1/2	89,300
3/4	3/4	3/4	191,208	3/4	180,950	3/4	170,631	3/4	160,284	3/4	148,741	3/4	133,830	3/4	118,890	3/4	103,950	3/4	88,989
11	11	11	190,996	11	180,735	11	170,416	11	160,068	11	148,430	11	133,518	11	118,579	11	103,639	11	88,678
1/4	1/4	1/4	190,783	1/4	180,520	1/4	170,200	1/4	159,853	1/4	148,120	1/4	133,207	1/4	118,268	1/4	103,327	1/4	88,368
1/2	1/2	1/2	190,571	1/2	180,305	1/2	169,985	1/2	159,637	1/2	147,810	1/2	132,896	1/2	117,957	1/2	103,015	1/2	88,057
3/4	3/4	3/4	190,358	3/4	180,090	3/4	169,770	3/4	159,422	3/4	147,500	3/4	132,585	3/4	117,646	3/4	102,704	3/4	87,748

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "GBL 6130"

**3 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 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	87,440	0	72,607	0	57,844	0	43,200	0	28,246	0	13,282	0		0		0		0	
1/4	87,131	1/4	72,296	1/4	57,544	1/4	42,889	1/4	27,934	1/4	12,970	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,822	1/2	71,984	1/2	57,243	1/2	42,578	1/2	27,622	1/2	12,659	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,513	3/4	71,673	3/4	56,943	3/4	42,267	3/4	27,311	3/4	12,347	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	86,204	1	71,361	1	56,642	1	41,955	1	26,999	1	12,035	1	1	1	1	1	1	1	1
1/4	85,896	1/4	71,050	1/4	56,341	1/4	41,644	1/4	26,687	1/4	11,723	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,587	1/2	70,738	1/2	56,041	1/2	41,333	1/2	26,375	1/2	11,412	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,278	3/4	70,427	3/4	55,740	3/4	41,022	3/4	26,064	3/4	11,100	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,969	2	70,115	2	55,439	2	40,711	2	25,752	2	10,788	2	2	2	2	2	2	2	2
1/4	84,660	1/4	69,803	1/4	55,139	1/4	40,399	1/4	25,440	1/4	10,476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,352	1/2	69,492	1/2	54,838	1/2	40,088	1/2	25,128	1/2	10,164	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,043	3/4	69,180	3/4	54,538	3/4	39,777	3/4	24,816	3/4	9,853	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,734	3	68,869	3	54,237	3	39,466	3	24,505	3	9,541	3	3	3	3	3	3	3	3
1/4	83,425	1/4	68,557	1/4	53,936	1/4	39,155	1/4	24,193	1/4	9,229	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,116	1/2	68,246	1/2	53,636	1/2	38,843	1/2	23,881	1/2	8,917	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,808	3/4	67,934	3/4	53,335	3/4	38,532	3/4	23,569	3/4	8,605	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	82,499	4	67,623	4	53,035	4	38,221	4	23,258	4	8,294	4	4	4	4	4	4	4	4
1/4	82,190	1/4	67,312	1/4	52,734	1/4	37,910	1/4	22,946	1/4	7,982	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,881	1/2	67,000	1/2	52,433	1/2	37,598	1/2	22,634	1/2	7,670	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,572	3/4	66,689	3/4	52,133	3/4	37,287	3/4	22,322	3/4	7,358	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	81,264	5	66,377	5	51,832	5	36,975	5	22,010	5	7,046	5	5	5	5	5	5	5	5
1/4	80,955	1/4	66,066	1/4	51,531	1/4	36,664	1/4	21,699	1/4	6,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,646	1/2	65,754	1/2	51,231	1/2	36,352	1/2	21,387	1/2	6,422	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,337	3/4	65,443	3/4	50,929	3/4	36,041	3/4	21,075	3/4	6,109	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	80,028	6	65,131	6	50,628	6	35,729	6	20,764	6	5,797	6	6	6	6	6	6	6	6
1/4	79,720	1/4	64,820	1/4	50,327	1/4	35,417	1/4	20,452	1/4	5,485	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,411	1/2	64,508	1/2	50,025	1/2	35,105	1/2	20,141	1/2	5,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,102	3/4	64,199	3/4	49,720	3/4	34,793	3/4	19,829	3/4	4,861	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	78,793	7	63,890	7	49,414	7	34,482	7	19,517	7	4,549	7	7	7	7	7	7	7	7
1/4	78,484	1/4	63,581	1/4	49,108	1/4	34,170	1/4	19,206	1/4	4,236	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,176	1/2	63,273	1/2	48,802	1/2	33,858	1/2	18,894	1/2	3,924	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,867	3/4	62,969	3/4	48,491	3/4	33,546	3/4	18,582	3/4	3,613	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	77,558	8	62,665	8	48,180	8	33,235	8	18,271	8	3,302	8	8	8	8	8	8	8	8
1/4	77,249	1/4	62,362	1/4	47,868	1/4	32,923	1/4	17,959	1/4	2,990	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,940	1/2	62,058	1/2	47,557	1/2	32,611	1/2	17,647	1/2	2,679	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,632	3/4	61,756	3/4	47,246	3/4	32,299	3/4	17,335	3/4	2,387	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	76,323	9	61,454	9	46,935	9	31,987	9	17,024	9	2,095	9	9	9	9	9	9	9	9
1/4	76,014	1/4	61,152	1/4	46,623	1/4	31,676	1/4	16,712	1/4	1,803	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,705	1/2	60,851	1/2	46,312	1/2	31,364	1/2	16,400	1/2	1,512	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,396	3/4	60,550	3/4	46,001	3/4	31,052	3/4	16,088	3/4	1,290	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	75,088	10	60,249	10	45,690	10	30,740	10	15,777	10	1,069	10	10	10	10	10	10	10	10
1/4	74,779	1/4	59,949	1/4	45,379	1/4	30,429	1/4	15,465	1/4	848	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,470	1/2	59,648	1/2	45,067	1/2	30,117	1/2	15,153	1/2	627	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,160	3/4	59,348	3/4	44,756	3/4	29,805	3/4	14,841	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	73,850	11	59,047	11	44,445	11	29,493	11	14,529	11		11	11	11	11	11	11	11	11
1/4	73,540	1/4	58,746	1/4	44,134	1/4	29,181	1/4	14,218	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,231	1/2	58,446	1/2	43,823	1/2	28,870	1/2	13,906	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,919	3/4	58,145	3/4	43,511	3/4	28,558	3/4	13,594	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: 09/24/2018 CL
CALCULATED: 09/25/2018 CL
PRINTED: 09/25/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "GBL 6130"

PORT SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	4,187	0	3,032	0	1,877	0	722	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	4,163	1/4	3,008	1/4	1,853	1/4	698	1/4	0	1/4	0	1/4	0	1/4	0	1/4	0
1/2	1/2	1/2	4,139	1/2	2,984	1/2	1,829	1/2	674	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	3/4	3/4	4,115	3/4	2,960	3/4	1,805	3/4	650	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
1	1	1	4,091	1	2,935	1	1,781	1	626	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	4,067	1/4	2,911	1/4	1,757	1/4	602	1/4	1	1/4	1	1/4	1	1/4	1	1/4	1
1/2	1/2	1/2	4,043	1/2	2,887	1/2	1,734	1/2	578	1/2	1	1/2	1	1/2	1	1/2	1	1/2	1
3/4	3/4	3/4	4,019	3/4	2,863	3/4	1,710	3/4	554	3/4	1	3/4	1	3/4	1	3/4	1	3/4	1
2	2	2	3,995	2	2,839	2	1,685	2	530	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	3,971	1/4	2,815	1/4	1,661	1/4	506	1/4	2	1/4	2	1/4	2	1/4	2	1/4	2
1/2	1/2	1/2	3,947	1/2	2,791	1/2	1,637	1/2	482	1/2	2	1/2	2	1/2	2	1/2	2	1/2	2
3/4	3/4	3/4	3,923	3/4	2,767	3/4	1,613	3/4	457	3/4	2	3/4	2	3/4	2	3/4	2	3/4	2
3	3	3	3,899	3	2,743	3	1,589	3	433	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	3,874	1/4	2,719	1/4	1,565	1/4	409	1/4	3	1/4	3	1/4	3	1/4	3	1/4	3
1/2	1/2	1/2	3,850	1/2	2,695	1/2	1,541	1/2	385	1/2	3	1/2	3	1/2	3	1/2	3	1/2	3
3/4	3/4	3/4	3,826	3/4	2,671	3/4	1,517	3/4	361	3/4	3	3/4	3	3/4	3	3/4	3	3/4	3
4	4	4	3,802	4	2,647	4	1,493	4	337	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	3,778	1/4	2,622	1/4	1,469	1/4	313	1/4	4	1/4	4	1/4	4	1/4	4	1/4	4
1/2	1/2	1/2	3,754	1/2	2,598	1/2	1,445	1/2	289	1/2	4	1/2	4	1/2	4	1/2	4	1/2	4
3/4	3/4	3/4	3,730	3/4	2,574	3/4	1,421	3/4	265	3/4	4	3/4	4	3/4	4	3/4	4	3/4	4
5	5	5	3,706	5	2,550	5	1,396	5	241	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	3,682	1/4	2,526	1/4	1,372	1/4	217	1/4	5	1/4	5	1/4	5	1/4	5	1/4	5
1/2	1/2	1/2	3,658	1/2	2,502	1/2	1,348	1/2	193	1/2	5	1/2	5	1/2	5	1/2	5	1/2	5
3/4	3/4	3/4	3,634	3/4	2,478	3/4	1,324	3/4	169	3/4	5	3/4	5	3/4	5	3/4	5	3/4	5
6	6	6	3,610	6	2,454	6	1,300	6	144	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	3,586	1/4	2,430	1/4	1,276	1/4	120	1/4	6	1/4	6	1/4	6	1/4	6	1/4	6
1/2	1/2	1/2	3,561	1/2	2,406	1/2	1,252	1/2	96	1/2	6	1/2	6	1/2	6	1/2	6	1/2	6
3/4	3/4	3/4	3,537	3/4	2,382	3/4	1,228	3/4	72	3/4	6	3/4	6	3/4	6	3/4	6	3/4	6
7	7	7	3,513	7	2,358	7	1,204	7	48	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	3,489	1/4	2,334	1/4	1,180	1/4	24	1/4	7	1/4	7	1/4	7	1/4	7	1/4	7
1/2	1/2	1/2	4,615	1/2	3,465	1/2	2,309	1/2	1,156	1/2	0	1/2	0	1/2	0	1/2	0	1/2	0
3/4	3/4	3/4	4,591	3/4	3,441	3/4	2,285	3/4	1,132	3/4	0	3/4	0	3/4	0	3/4	0	3/4	0
8	8	8	4,567	8	3,417	8	2,261	8	1,108	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	4,544	1/4	3,393	1/4	2,237	1/4	1,083	1/4	8	1/4	8	1/4	8	1/4	8	1/4	8
1/2	1/2	1/2	4,520	1/2	3,369	1/2	2,213	1/2	1,059	1/2	8	1/2	8	1/2	8	1/2	8	1/2	8
3/4	3/4	3/4	4,496	3/4	3,345	3/4	2,189	3/4	1,035	3/4	8	3/4	8	3/4	8	3/4	8	3/4	8
9	9	9	4,472	9	3,321	9	2,165	9	1,011	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	4,448	1/4	3,297	1/4	2,141	1/4	987	1/4	9	1/4	9	1/4	9	1/4	9	1/4	9
1/2	1/2	1/2	4,425	1/2	3,273	1/2	2,117	1/2	963	1/2	9	1/2	9	1/2	9	1/2	9	1/2	9
3/4	3/4	3/4	4,401	3/4	3,248	3/4	2,093	3/4	939	3/4	9	3/4	9	3/4	9	3/4	9	3/4	9
10	10	10	4,377	10	3,224	10	2,069	10	915	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	4,353	1/4	3,200	1/4	2,045	1/4	891	1/4	10	1/4	10	1/4	10	1/4	10	1/4	10
1/2	1/2	1/2	4,330	1/2	3,176	1/2	2,021	1/2	867	1/2	10	1/2	10	1/2	10	1/2	10	1/2	10
3/4	3/4	3/4	4,306	3/4	3,152	3/4	1,997	3/4	843	3/4	10	3/4	10	3/4	10	3/4	10	3/4	10
11	11	11	4,282	11	3,128	11	1,973	11	819	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	4,258	1/4	3,104	1/4	1,949	1/4	795	1/4	11	1/4	11	1/4	11	1/4	11	1/4	11
1/2	1/2	1/2	4,234	1/2	3,080	1/2	1,925	1/2	770	1/2	11	1/2	11	1/2	11	1/2	11	1/2	11
3/4	3/4	3/4	4,211	3/4	3,056	3/4	1,901	3/4	746	3/4	11	3/4	11	3/4	11	3/4	11	3/4	11

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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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 OF "MMC" VALVE

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



BARGE "GBL 6130"

STBD SLOP TANK ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,191	0	3,035	0	1,879	0	723	0		0		0		0	
1/4		1/4		1/4	4,168	1/4	3,011	1/4	1,855	1/4	699	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,144	1/2	2,987	1/2	1,831	1/2	675	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,120	3/4	2,963	3/4	1,807	3/4	651	3/4		3/4		3/4		3/4	
1		1		1	4,095	1	2,939	1	1,783	1	627	1		1		1		1	
1/4		1/4		1/4	4,071	1/4	2,914	1/4	1,759	1/4	603	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,047	1/2	2,890	1/2	1,735	1/2	578	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,023	3/4	2,866	3/4	1,711	3/4	554	3/4		3/4		3/4		3/4	
2		2		2	3,999	2	2,842	2	1,687	2	530	2		2		2		2	
1/4		1/4		1/4	3,975	1/4	2,818	1/4	1,663	1/4	506	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	3,951	1/2	2,794	1/2	1,639	1/2	482	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	3,927	3/4	2,770	3/4	1,615	3/4	458	3/4		3/4		3/4		3/4	
3		3		3	3,903	3	2,746	3	1,591	3	434	3		3		3		3	
1/4		1/4		1/4	3,879	1/4	2,722	1/4	1,567	1/4	410	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	3,854	1/2	2,698	1/2	1,543	1/2	386	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	3,830	3/4	2,673	3/4	1,518	3/4	362	3/4		3/4		3/4		3/4	
4		4		4	3,806	4	2,649	4	1,494	4	337	4		4		4		4	
1/4		1/4		1/4	3,782	1/4	2,625	1/4	1,470	1/4	313	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	3,758	1/2	2,601	1/2	1,446	1/2	289	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	3,734	3/4	2,577	3/4	1,422	3/4	265	3/4		3/4		3/4		3/4	
5		5		5	3,710	5	2,553	5	1,398	5	241	5		5		5		5	
1/4		1/4		1/4	3,686	1/4	2,529	1/4	1,374	1/4	217	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	3,662	1/2	2,505	1/2	1,350	1/2	193	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	3,638	3/4	2,481	3/4	1,326	3/4	169	3/4		3/4		3/4		3/4	
6		6		6	3,613	6	2,456	6	1,302	6	145	6		6		6		6	
1/4		1/4		1/4	3,589	1/4	2,432	1/4	1,277	1/4	121	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	3,565	1/2	2,408	1/2	1,253	1/2	96	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	3,541	3/4	2,384	3/4	1,229	3/4	72	3/4		3/4		3/4		3/4	
7		7		7	3,517	7	2,360	7	1,205	7	48	7		7		7		7	
1/4		1/4		1/4	3,493	1/4	2,336	1/4	1,181	1/4	24	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,620	1/2	3,469	1/2	2,312	1/2	0	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,596	3/4	3,445	3/4	2,288	3/4	1,133	3/4		3/4		3/4		3/4	
8		8		8	4,572	8	3,421	8	2,264	8	1,109	8		8		8		8	
1/4		1/4		1/4	4,548	1/4	3,397	1/4	2,240	1/4	1,085	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,525	1/2	3,372	1/2	2,215	1/2	1,061	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,501	3/4	3,348	3/4	2,191	3/4	1,036	3/4		3/4		3/4		3/4	
9		9		9	4,477	9	3,324	9	2,167	9	1,012	9		9		9		9	
1/4		1/4		1/4	4,453	1/4	3,300	1/4	2,143	1/4	988	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,429	1/2	3,276	1/2	2,119	1/2	964	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,406	3/4	3,252	3/4	2,095	3/4	940	3/4		3/4		3/4		3/4	
10		10		10	4,382	10	3,228	10	2,071	10	916	10		10		10		10	
1/4		1/4		1/4	4,358	1/4	3,204	1/4	2,047	1/4	892	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,334	1/2	3,180	1/2	2,023	1/2	868	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,310	3/4	3,155	3/4	1,999	3/4	844	3/4		3/4		3/4		3/4	
11		11		11	4,287	11	3,131	11	1,975	11	819	11		11		11		11	
1/4		1/4		1/4	4,263	1/4	3,107	1/4	1,951	1/4	795	1/4		1/4		1/4		1/4	
1/2		1/2		1/2	4,239	1/2	3,083	1/2	1,927	1/2	771	1/2		1/2		1/2		1/2	
3/4		3/4		3/4	4,215	3/4	3,059	3/4	1,903	3/4	747	3/4		3/4		3/4		3/4	

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