



BARGE "GBL 4030"

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	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
1 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
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	- 00-0/8	00-0/8
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	- 00-0/8	00-0/8	- 00-0/8	00-0/8
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"

December 11, 2013

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "GBL 4030"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	205,967	0	191,085	0	176,127	0	161,129	0	146,130	0	131,131	0	116,132	0	101,130		
1/4	1/4	1/4	205,657	1/4	190,773	1/4	175,815	1/4	160,816	1/4	145,817	1/4	130,819	1/4	115,820	1/4	100,817		
1/2	1/2	1/2	205,348	1/2	190,462	1/2	175,502	1/2	160,504	1/2	145,505	1/2	130,506	1/2	115,507	1/2	100,505		
3/4	3/4	3/4	205,039	3/4	190,150	3/4	175,190	3/4	160,191	3/4	145,192	3/4	130,194	3/4	115,195	3/4	100,192		
1	1	1	204,729	1	189,838	1	174,877	1	159,879	1	144,880	1	129,881	1	114,882	1	99,880		
1/4	1/4	1/4	204,420	1/4	189,527	1/4	174,565	1/4	159,566	1/4	144,567	1/4	129,569	1/4	114,570	1/4	99,567		
1/2	1/2	1/2	204,110	1/2	189,215	1/2	174,252	1/2	159,254	1/2	144,255	1/2	129,256	1/2	114,257	1/2	99,254		
3/4	3/4	3/4	203,801	3/4	188,904	3/4	173,940	3/4	158,941	3/4	143,942	3/4	128,944	3/4	113,945	3/4	98,942		
2	2	2	203,492	2	188,592	2	173,628	2	158,629	2	143,630	2	128,631	2	113,632	2	98,629		
1/4	1/4	1/4	203,182	1/4	188,281	1/4	173,315	1/4	158,316	1/4	143,318	1/4	128,319	1/4	113,320	1/4	98,316		
1/2	1/2	1/2	202,873	1/2	187,969	1/2	173,003	1/2	158,004	1/2	143,005	1/2	128,006	1/2	113,008	1/2	98,004		
3/4	3/4	3/4	202,563	3/4	187,657	3/4	172,690	3/4	157,691	3/4	142,693	3/4	127,694	3/4	112,695	3/4	97,691		
3	3	3	202,254	3	187,346	3	172,378	3	157,379	3	142,380	3	127,381	3	112,383	3	97,379		
1/4	1/4	1/4	201,945	1/4	187,034	1/4	172,065	1/4	157,066	1/4	142,068	1/4	127,069	1/4	112,070	1/4	97,066		
1/2	1/2	1/2	201,635	1/2	186,723	1/2	171,753	1/2	156,754	1/2	141,755	1/2	126,756	1/2	111,758	1/2	96,753		
3/4	3/4	3/4	201,326	3/4	186,411	3/4	171,440	3/4	156,441	3/4	141,443	3/4	126,444	3/4	111,445	3/4	96,441		
4	4	4	201,017	4	186,100	4	171,128	4	156,129	4	141,130	4	126,131	4	111,133	4	96,128		
1/4	1/4	1/4	200,707	1/4	185,788	1/4	170,815	1/4	155,817	1/4	140,818	1/4	125,819	1/4	110,820	1/4	95,815		
1/2	1/2	1/2	200,398	1/2	185,477	1/2	170,503	1/2	155,504	1/2	140,505	1/2	125,506	1/2	110,508	1/2	95,503		
3/4	3/4	3/4	200,088	3/4	185,165	3/4	170,190	3/4	155,192	3/4	140,193	3/4	125,194	3/4	110,195	3/4	95,190		
5	5	5	199,779	5	184,853	5	169,878	5	154,879	5	139,880	5	124,882	5	109,883	5	94,878		
1/4	1/4	1/4	199,470	1/4	184,542	1/4	169,565	1/4	154,567	1/4	139,568	1/4	124,569	1/4	109,570	1/4	94,565		
1/2	1/2	1/2	199,160	1/2	184,230	1/2	169,253	1/2	154,254	1/2	139,255	1/2	124,257	1/2	109,258	1/2	94,252		
3/4	3/4	3/4	198,851	3/4	183,919	3/4	168,940	3/4	153,942	3/4	138,943	3/4	123,944	3/4	108,945	3/4	93,940		
6	6	6	198,541	6	183,607	6	168,628	6	153,629	6	138,630	6	123,632	6	108,633	6	93,627		
1/4	1/4	1/4	198,232	1/4	183,296	1/4	168,315	1/4	153,317	1/4	138,318	1/4	123,319	1/4	108,320	1/4	93,314		
1/2	1/2	1/2	197,923	1/2	182,984	1/2	168,003	1/2	153,004	1/2	138,005	1/2	123,007	1/2	108,008	1/2	93,002		
3/4	3/4	3/4	197,613	3/4	182,672	3/4	167,691	3/4	152,692	3/4	137,693	3/4	122,694	3/4	107,695	3/4	92,689		
7	7	7	197,304	7	182,361	7	167,378	7	152,379	7	137,381	7	122,382	7	107,383	7	92,377		
1/4	1/4	210,925	196,995	1/4	182,049	1/4	167,066	1/4	152,067	1/4	137,068	1/4	122,069	1/4	107,070	1/4	92,064		
1/2	1/2	210,755	196,685	1/2	181,738	1/2	166,753	1/2	151,754	1/2	136,756	1/2	121,757	1/2	106,757	1/2	91,751		
3/4	3/4	210,585	196,376	3/4	181,426	3/4	166,441	3/4	151,442	3/4	136,443	3/4	121,444	3/4	106,445	3/4	91,439		
8	8	210,370	196,066	8	181,115	8	166,128	8	151,129	8	136,131	8	121,132	8	106,132	8	91,126		
1/4	1/4	210,156	195,755	1/4	180,803	1/4	165,816	1/4	150,817	1/4	135,818	1/4	120,819	1/4	105,819	1/4	90,813		
1/2	1/2	209,941	195,445	1/2	180,491	1/2	165,503	1/2	150,504	1/2	135,506	1/2	120,507	1/2	105,507	1/2	90,501		
3/4	3/4	209,727	195,135	3/4	180,180	3/4	165,191	3/4	150,192	3/4	135,193	3/4	120,194	3/4	105,194	3/4	90,188		
9	9	209,467	194,823	9	179,868	9	164,878	9	149,879	9	134,881	9	119,882	9	104,882	9	89,876		
1/4	1/4	209,208	194,512	1/4	179,557	1/4	164,566	1/4	149,567	1/4	134,568	1/4	119,569	1/4	104,569	1/4	89,563		
1/2	1/2	208,949	194,200	1/2	179,245	1/2	164,253	1/2	149,255	1/2	134,256	1/2	119,257	1/2	104,256	1/2	89,250		
3/4	3/4	208,690	193,889	3/4	178,934	3/4	163,941	3/4	148,942	3/4	133,943	3/4	118,945	3/4	103,944	3/4	88,938		
10	10	208,395	193,577	10	178,622	10	163,628	10	148,630	10	133,631	10	118,632	10	103,631	10	88,625		
1/4	1/4	208,100	193,266	1/4	178,311	1/4	163,316	1/4	148,317	1/4	133,318	1/4	118,320	1/4	103,318	1/4	88,312		
1/2	1/2	207,805	192,954	1/2	177,999	1/2	163,003	1/2	148,005	1/2	133,006	1/2	118,007	1/2	103,006	1/2	88,000		
3/4	3/4	207,510	192,642	3/4	177,687	3/4	162,691	3/4	147,692	3/4	132,693	3/4	117,695	3/4	102,693	3/4	87,687		
11	11	207,201	192,331	11	177,376	11	162,378	11	147,380	11	132,381	11	117,382	11	102,381	11	87,375		
1/4	1/4	206,893	192,019	1/4	177,064	1/4	162,066	1/4	147,067	1/4	132,068	1/4	117,070	1/4	102,068	1/4	87,062		
1/2	1/2	206,584	191,708	1/2	176,752	1/2	161,754	1/2	146,755	1/2	131,756	1/2	116,757	1/2	101,755	1/2	86,749		
3/4	3/4	206,276	191,396	3/4	176,440	3/4	161,441	3/4	146,442	3/4	131,444	3/4	116,445	3/4	101,443	3/4	86,437		

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.

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BARGE "GBL 4030"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,124	0	71,129	0	56,133	0	41,128	0	26,122	0	11,514	0		0		0		0	
1/4	85,811	1/4	70,817	1/4	55,821	1/4	40,815	1/4	25,810	1/4	11,230	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,499	1/2	70,505	1/2	55,508	1/2	40,503	1/2	25,497	1/2	10,946	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,186	3/4	70,193	3/4	55,196	3/4	40,190	3/4	25,184	3/4	10,661	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	84,873	1	69,881	1	54,883	1	39,877	1	24,872	1	10,381	1	1	1	1	1	1	1	1
1/4	84,561	1/4	69,569	1/4	54,570	1/4	39,565	1/4	24,559	1/4	10,101	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,248	1/2	69,257	1/2	54,258	1/2	39,252	1/2	24,247	1/2	9,821	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,936	3/4	68,945	3/4	53,945	3/4	38,940	3/4	23,934	3/4	9,540	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	83,623	2	68,633	2	53,633	2	38,627	2	23,621	2	9,264	2	2	2	2	2	2	2	2
1/4	83,310	1/4	68,320	1/4	53,320	1/4	38,314	1/4	23,309	1/4	8,987	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,998	1/2	68,008	1/2	53,007	1/2	38,002	1/2	22,996	1/2	8,711	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,685	3/4	67,696	3/4	52,695	3/4	37,689	3/4	22,683	3/4	8,435	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	82,372	3	67,384	3	52,382	3	37,376	3	22,371	3	8,162	3	3	3	3	3	3	3	3
1/4	82,060	1/4	67,072	1/4	52,069	1/4	37,064	1/4	22,058	1/4	7,890	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,747	1/2	66,760	1/2	51,757	1/2	36,751	1/2	21,746	1/2	7,617	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,435	3/4	66,448	3/4	51,444	3/4	36,439	3/4	21,433	3/4	7,344	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	81,122	4	66,136	4	51,132	4	36,126	4	21,121	4	7,076	4	4	4	4	4	4	4	4
1/4	80,809	1/4	65,823	1/4	50,819	1/4	35,813	1/4	20,808	1/4	6,807	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,497	1/2	65,511	1/2	50,506	1/2	35,501	1/2	20,496	1/2	6,538	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,184	3/4	65,199	3/4	50,194	3/4	35,188	3/4	20,184	3/4	6,270	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	79,871	5	64,886	5	49,881	5	34,876	5	19,873	5	6,005	5	5	5	5	5	5	5	5
1/4	79,559	1/4	64,574	1/4	49,569	1/4	34,563	1/4	19,563	1/4	5,740	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,246	1/2	64,261	1/2	49,256	1/2	34,250	1/2	19,252	1/2	5,475	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,934	3/4	63,949	3/4	48,943	3/4	33,938	3/4	18,942	3/4	5,210	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	78,621	6	63,636	6	48,631	6	33,625	6	18,634	6	4,949	6	6	6	6	6	6	6	6
1/4	78,308	1/4	63,324	1/4	48,318	1/4	33,312	1/4	18,327	1/4	4,688	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,996	1/2	63,011	1/2	48,005	1/2	33,000	1/2	18,020	1/2	4,427	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,683	3/4	62,698	3/4	47,693	3/4	32,687	3/4	17,712	3/4	4,167	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	77,371	7	62,386	7	47,380	7	32,375	7	17,409	7	3,910	7	7	7	7	7	7	7	7
1/4	77,059	1/4	62,073	1/4	47,068	1/4	32,062	1/4	17,106	1/4	3,653	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,746	1/2	61,761	1/2	46,755	1/2	31,749	1/2	16,802	1/2	3,396	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,434	3/4	61,448	3/4	46,442	3/4	31,437	3/4	16,499	3/4	3,139	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	76,122	8	61,135	8	46,130	8	31,124	8	16,199	8	2,887	8	8	8	8	8	8	8	8
1/4	75,810	1/4	60,823	1/4	45,817	1/4	30,811	1/4	15,899	1/4	2,634	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,498	1/2	60,510	1/2	45,504	1/2	30,499	1/2	15,600	1/2	2,382	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,186	3/4	60,198	3/4	45,192	3/4	30,186	3/4	15,300	3/4	2,129	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	74,873	9	59,885	9	44,879	9	29,874	9	15,005	9	1,900	9	9	9	9	9	9	9	9
1/4	74,561	1/4	59,572	1/4	44,567	1/4	29,561	1/4	14,709	1/4	1,672	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,249	1/2	59,260	1/2	44,254	1/2	29,248	1/2	14,413	1/2	1,443	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,937	3/4	58,947	3/4	43,941	3/4	28,936	3/4	14,117	3/4	1,214	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	73,625	10	58,634	10	43,629	10	28,623	10	13,826	10	1,046	10	10	10	10	10	10	10	10
1/4	73,313	1/4	58,322	1/4	43,316	1/4	28,311	1/4	13,534	1/4	878	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,001	1/2	58,009	1/2	43,004	1/2	27,998	1/2	13,242	1/2	711	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,689	3/4	57,697	3/4	42,691	3/4	27,685	3/4	12,950	3/4	543	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	72,377	11	57,384	11	42,378	11	27,373	11	12,662	11		11	11	11	11	11	11	11	11
1/4	72,065	1/4	57,071	1/4	42,066	1/4	27,060	1/4	12,374	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	71,753	1/2	56,759	1/2	41,753	1/2	26,747	1/2	12,086	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71,441	3/4	56,446	3/4	41,440	3/4	26,435	3/4	11,798	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: 12/12/2013 SW
CALCULATED: 12/13/2013 CL
PRINTED: 12/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2013

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



BARGE "GBL 4030"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0	206,453	0	191,581	0	176,628	0	161,634	0	146,638	0	131,643	0	116,648	0	101,650
1/4	1/4	1/4	1/4	1/4	206,145	1/4	191,269	1/4	176,316	1/4	161,321	1/4	146,326	1/4	131,331	1/4	116,336	1/4	101,337
1/2	1/2	1/2	1/2	1/2	205,836	1/2	190,958	1/2	176,004	1/2	161,009	1/2	146,014	1/2	131,019	1/2	116,023	1/2	101,025
3/4	3/4	3/4	3/4	3/4	205,527	3/4	190,646	3/4	175,692	3/4	160,696	3/4	145,701	3/4	130,706	3/4	115,711	3/4	100,712
1		1		1	205,217	1	190,335	1	175,379	1	160,384	1	145,389	1	130,394	1	115,399	1	100,400
1/4	1/4	1/4	1/4	1/4	204,908	1/4	190,023	1/4	175,067	1/4	160,072	1/4	145,076	1/4	130,081	1/4	115,086	1/4	100,087
1/2	1/2	1/2	1/2	1/2	204,599	1/2	189,712	1/2	174,754	1/2	159,759	1/2	144,764	1/2	129,769	1/2	114,774	1/2	99,775
3/4	3/4	3/4	3/4	3/4	204,289	3/4	189,400	3/4	174,442	3/4	159,447	3/4	144,452	3/4	129,457	3/4	114,461	3/4	99,462
2		2		2	203,980	2	189,089	2	174,130	2	159,134	2	144,139	2	129,144	2	114,149	2	99,150
1/4	1/4	1/4	1/4	1/4	203,671	1/4	188,777	1/4	173,817	1/4	158,822	1/4	143,827	1/4	128,832	1/4	113,837	1/4	98,837
1/2	1/2	1/2	1/2	1/2	203,361	1/2	188,466	1/2	173,505	1/2	158,510	1/2	143,515	1/2	128,519	1/2	113,524	1/2	98,525
3/4	3/4	3/4	3/4	3/4	203,052	3/4	188,154	3/4	173,192	3/4	158,197	3/4	143,202	3/4	128,207	3/4	113,212	3/4	98,212
3		3		3	202,743	3	187,843	3	172,880	3	157,885	3	142,890	3	127,895	3	112,899	3	97,899
1/4	1/4	1/4	1/4	1/4	202,434	1/4	187,531	1/4	172,568	1/4	157,572	1/4	142,577	1/4	127,582	1/4	112,587	1/4	97,587
1/2	1/2	1/2	1/2	1/2	202,124	1/2	187,220	1/2	172,255	1/2	157,260	1/2	142,265	1/2	127,270	1/2	112,275	1/2	97,274
3/4	3/4	3/4	3/4	3/4	201,815	3/4	186,908	3/4	171,943	3/4	156,948	3/4	141,953	3/4	126,957	3/4	111,962	3/4	96,962
4		4		4	201,506	4	186,597	4	171,630	4	156,635	4	141,640	4	126,645	4	111,650	4	96,649
1/4	1/4	1/4	1/4	1/4	201,196	1/4	186,285	1/4	171,318	1/4	156,323	1/4	141,328	1/4	126,333	1/4	111,337	1/4	96,337
1/2	1/2	1/2	1/2	1/2	200,887	1/2	185,974	1/2	171,006	1/2	156,010	1/2	141,015	1/2	126,020	1/2	111,025	1/2	96,024
3/4	3/4	3/4	3/4	3/4	200,578	3/4	185,662	3/4	170,693	3/4	155,698	3/4	140,703	3/4	125,708	3/4	110,713	3/4	95,712
5		5		5	200,268	5	185,351	5	170,381	5	155,386	5	140,391	5	125,395	5	110,400	5	95,399
1/4	1/4	1/4	1/4	1/4	199,959	1/4	185,039	1/4	170,068	1/4	155,073	1/4	140,078	1/4	125,083	1/4	110,088	1/4	95,086
1/2	1/2	1/2	1/2	1/2	199,650	1/2	184,728	1/2	169,756	1/2	154,761	1/2	139,766	1/2	124,771	1/2	109,775	1/2	94,774
3/4	3/4	3/4	3/4	3/4	199,340	3/4	184,416	3/4	169,444	3/4	154,448	3/4	139,453	3/4	124,458	3/4	109,463	3/4	94,461
6		6		6	199,031	6	184,105	6	169,131	6	154,136	6	139,141	6	124,146	6	109,151	6	94,149
1/4	1/4	1/4	1/4	1/4	198,722	1/4	183,793	1/4	168,819	1/4	153,824	1/4	138,829	1/4	123,833	1/4	108,838	1/4	93,836
1/2	1/2	1/2	1/2	1/2	198,413	1/2	183,482	1/2	168,506	1/2	153,511	1/2	138,516	1/2	123,521	1/2	108,526	1/2	93,524
3/4	3/4	3/4	3/4	3/4	198,103	3/4	183,170	3/4	168,194	3/4	153,199	3/4	138,204	3/4	123,209	3/4	108,213	3/4	93,211
7		7		7	197,794	7	182,859	7	167,882	7	152,886	7	137,891	7	122,896	7	107,901	7	92,899
1/4	1/4	1/4	1/4	1/4	197,485	1/4	182,547	1/4	167,569	1/4	152,574	1/4	137,579	1/4	122,584	1/4	107,588	1/4	92,586
1/2	1/2	1/2	1/2	1/2	197,175	1/2	182,236	1/2	167,257	1/2	152,262	1/2	137,267	1/2	122,271	1/2	107,276	1/2	92,273
3/4	3/4	3/4	3/4	3/4	210,793	3/4	196,866	3/4	181,924	3/4	166,944	3/4	151,949	3/4	136,954	3/4	121,959	3/4	106,963
8		8		8	210,623	8	196,557	8	181,613	8	166,632	8	151,637	8	136,642	8	121,647	8	106,651
1/4	1/4	1/4	1/4	1/4	210,453	1/4	196,247	1/4	181,301	1/4	166,320	1/4	151,324	1/4	136,329	1/4	121,334	1/4	106,338
1/2	1/2	1/2	1/2	1/2	210,239	1/2	195,937	1/2	180,990	1/2	166,007	1/2	151,012	1/2	136,017	1/2	121,022	1/2	106,026
3/4	3/4	3/4	3/4	3/4	210,024	3/4	195,627	3/4	180,678	3/4	165,695	3/4	150,700	3/4	135,705	3/4	120,709	3/4	105,713
9		9		9	209,809	9	195,317	9	180,367	9	165,382	9	150,387	9	135,392	9	120,397	9	105,401
1/4	1/4	1/4	1/4	1/4	209,595	1/4	195,007	1/4	180,056	1/4	165,070	1/4	150,075	1/4	135,080	1/4	120,085	1/4	105,088
1/2	1/2	1/2	1/2	1/2	209,336	1/2	194,695	1/2	179,744	1/2	164,758	1/2	149,762	1/2	134,767	1/2	119,772	1/2	104,776
3/4	3/4	3/4	3/4	3/4	209,076	3/4	194,384	3/4	179,433	3/4	164,445	3/4	149,450	3/4	134,455	3/4	119,460	3/4	104,463
10		10		10	208,817	10	194,072	10	179,121	10	164,133	10	149,138	10	134,143	10	119,147	10	104,150
1/4	1/4	1/4	1/4	1/4	208,558	1/4	193,761	1/4	178,810	1/4	163,820	1/4	148,825	1/4	133,830	1/4	118,835	1/4	103,838
1/2	1/2	1/2	1/2	1/2	208,263	1/2	193,449	1/2	178,498	1/2	163,508	1/2	148,513	1/2	133,518	1/2	118,523	1/2	103,525
3/4	3/4	3/4	3/4	3/4	207,968	3/4	193,138	3/4	178,187	3/4	163,196	3/4	148,200	3/4	133,205	3/4	118,210	3/4	103,213
11		11		11	207,673	11	192,827	11	177,875	11	162,883	11	147,888	11	132,893	11	117,898	11	102,900
1/4	1/4	1/4	1/4	1/4	207,378	1/4	192,515	1/4	177,564	1/4	162,571	1/4	147,576	1/4	132,581	1/4	117,585	1/4	102,588
1/2	1/2	1/2	1/2	1/2	207,070	1/2	192,204	1/2	177,252	1/2	162,258	1/2	147,263	1/2	132,268	1/2	117,273	1/2	102,275
3/4	3/4	3/4	3/4	3/4	206,762	3/4	191,892	3/4	176,940	3/4	161,946	3/4	146,951	3/4	131,956	3/4	116,961	3/4	101,963

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 4030"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	86,648	0	71,690	0	56,744	0	41,742	0	26,740	0	12,082	0		0		0		0	
1/4	86,335	1/4	71,380	1/4	56,431	1/4	41,429	1/4	26,427	1/4	11,794	1/4		1/4		1/4		1/4	
1/2	86,022	1/2	71,069	1/2	56,119	1/2	41,117	1/2	26,115	1/2	11,510	1/2		1/2		1/2		1/2	
3/4	85,710	3/4	70,759	3/4	55,806	3/4	40,804	3/4	25,802	3/4	11,226	3/4		3/4		3/4		3/4	
1	85,397	1	70,449	1	55,493	1	40,492	1	25,490	1	10,942	1		1		1		1	
1/4	85,085	1/4	70,139	1/4	55,181	1/4	40,179	1/4	25,177	1/4	10,658	1/4		1/4		1/4		1/4	
1/2	84,772	1/2	69,829	1/2	54,868	1/2	39,866	1/2	24,864	1/2	10,378	1/2		1/2		1/2		1/2	
3/4	84,460	3/4	69,518	3/4	54,556	3/4	39,554	3/4	24,552	3/4	10,097	3/4		3/4		3/4		3/4	
2	84,147	2	69,208	2	54,243	2	39,241	2	24,239	2	9,817	2		2		2		2	
1/4	83,835	1/4	68,898	1/4	53,931	1/4	38,929	1/4	23,927	1/4	9,537	1/4		1/4		1/4		1/4	
1/2	83,522	1/2	68,588	1/2	53,618	1/2	38,616	1/2	23,614	1/2	9,261	1/2		1/2		1/2		1/2	
3/4	83,210	3/4	68,278	3/4	53,306	3/4	38,304	3/4	23,302	3/4	8,984	3/4		3/4		3/4		3/4	
3	82,897	3	67,968	3	52,993	3	37,991	3	22,989	3	8,708	3		3		3		3	
1/4	82,584	1/4	67,657	1/4	52,681	1/4	37,679	1/4	22,677	1/4	8,432	1/4		1/4		1/4		1/4	
1/2	82,272	1/2	67,347	1/2	52,368	1/2	37,366	1/2	22,364	1/2	8,159	1/2		1/2		1/2		1/2	
3/4	81,959	3/4	67,037	3/4	52,056	3/4	37,054	3/4	22,052	3/4	7,887	3/4		3/4		3/4		3/4	
4	81,647	4	66,727	4	51,743	4	36,741	4	21,739	4	7,614	4		4		4		4	
1/4	81,334	1/4	66,416	1/4	51,430	1/4	36,428	1/4	21,426	1/4	7,342	1/4		1/4		1/4		1/4	
1/2	81,022	1/2	66,106	1/2	51,118	1/2	36,116	1/2	21,114	1/2	7,073	1/2		1/2		1/2		1/2	
3/4	80,709	3/4	65,795	3/4	50,805	3/4	35,803	3/4	20,802	3/4	6,805	3/4		3/4		3/4		3/4	
5	80,397	5	65,484	5	50,493	5	35,491	5	20,490	5	6,536	5		5		5		5	
1/4	80,084	1/4	65,174	1/4	50,180	1/4	35,178	1/4	20,178	1/4	6,267	1/4		1/4		1/4		1/4	
1/2	79,771	1/2	64,862	1/2	49,868	1/2	34,866	1/2	19,867	1/2	6,003	1/2		1/2		1/2		1/2	
3/4	79,459	3/4	64,551	3/4	49,555	3/4	34,553	3/4	19,557	3/4	5,738	3/4		3/4		3/4		3/4	
6	79,146	6	64,239	6	49,243	6	34,241	6	19,246	6	5,473	6		6		6		6	
1/4	78,834	1/4	63,928	1/4	48,930	1/4	33,928	1/4	18,936	1/4	5,208	1/4		1/4		1/4		1/4	
1/2	78,522	1/2	63,616	1/2	48,618	1/2	33,616	1/2	18,629	1/2	4,948	1/2		1/2		1/2		1/2	
3/4	78,210	3/4	63,304	3/4	48,305	3/4	33,303	3/4	18,321	3/4	4,687	3/4		3/4		3/4		3/4	
7	77,898	7	62,992	7	47,992	7	32,991	7	18,014	7	4,426	7		7		7		7	
1/4	77,586	1/4	62,681	1/4	47,680	1/4	32,678	1/4	17,707	1/4	4,165	1/4		1/4		1/4		1/4	
1/2	77,275	1/2	62,368	1/2	47,367	1/2	32,365	1/2	17,404	1/2	3,908	1/2		1/2		1/2		1/2	
3/4	76,964	3/4	62,056	3/4	47,055	3/4	32,053	3/4	17,100	3/4	3,651	3/4		3/4		3/4		3/4	
8	76,654	8	61,744	8	46,742	8	31,740	8	16,797	8	3,395	8		8		8		8	
1/4	76,343	1/4	61,432	1/4	46,430	1/4	31,428	1/4	16,493	1/4	3,138	1/4		1/4		1/4		1/4	
1/2	76,032	1/2	61,119	1/2	46,117	1/2	31,115	1/2	16,194	1/2	2,885	1/2		1/2		1/2		1/2	
3/4	75,722	3/4	60,807	3/4	45,805	3/4	30,803	3/4	15,894	3/4	2,633	3/4		3/4		3/4		3/4	
9	75,412	9	60,494	9	45,492	9	30,490	9	15,595	9	2,381	9		9		9		9	
1/4	75,102	1/4	60,182	1/4	45,180	1/4	30,178	1/4	15,295	1/4	2,129	1/4		1/4		1/4		1/4	
1/2	74,792	1/2	59,869	1/2	44,867	1/2	29,865	1/2	15,000	1/2	1,900	1/2		1/2		1/2		1/2	
3/4	74,481	3/4	59,557	3/4	44,555	3/4	29,553	3/4	14,704	3/4	1,671	3/4		3/4		3/4		3/4	
10	74,171	10	59,244	10	44,242	10	29,240	10	14,408	10	1,442	10		10		10		10	
1/4	73,861	1/4	58,931	1/4	43,929	1/4	28,927	1/4	14,113	1/4	1,213	1/4		1/4		1/4		1/4	
1/2	73,551	1/2	58,619	1/2	43,617	1/2	28,615	1/2	13,821	1/2	1,046	1/2		1/2		1/2		1/2	
3/4	73,241	3/4	58,306	3/4	43,304	3/4	28,302	3/4	13,529	3/4	878	3/4		3/4		3/4		3/4	
11	72,930	11	57,994	11	42,992	11	27,990	11	13,237	11	710	11		11		11		11	
1/4	72,620	1/4	57,681	1/4	42,679	1/4	27,677	1/4	12,946	1/4	543	1/4		1/4		1/4		1/4	
1/2	72,310	1/2	57,369	1/2	42,367	1/2	27,365	1/2	12,658	1/2		1/2		1/2		1/2		1/2	
3/4	72,000	3/4	57,056	3/4	42,054	3/4	27,052	3/4	12,370	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/12/2013 SW
CALCULATED: 12/13/2013 CL
PRINTED: 12/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2013

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



BARGE "GBL 4030"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11"

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	209,743	0	194,795	0	179,769	0	164,701	0	149,633	0	134,565	0	119,497	0	104,425
1/4	1/4	1/4	1/4	1/4	209,433	1/4	194,482	1/4	179,455	1/4	164,387	1/4	149,319	1/4	134,251	1/4	119,183	1/4	104,111
1/2	1/2	1/2	1/2	1/2	209,122	1/2	194,169	1/2	179,141	1/2	164,073	1/2	149,005	1/2	133,937	1/2	118,869	1/2	103,797
3/4	3/4	3/4	3/4	3/4	208,811	3/4	193,856	3/4	178,827	3/4	163,759	3/4	148,691	3/4	133,623	3/4	118,555	3/4	103,483
1		1		1	208,501	1	193,543	1	178,513	1	163,445	1	148,377	1	133,309	1	118,241	1	103,169
1/4	1/4	1/4	1/4	1/4	208,190	1/4	193,230	1/4	178,200	1/4	163,131	1/4	148,063	1/4	132,995	1/4	117,927	1/4	102,855
1/2	1/2	1/2	1/2	1/2	207,879	1/2	192,917	1/2	177,886	1/2	162,818	1/2	147,749	1/2	132,681	1/2	117,613	1/2	102,541
3/4	3/4	3/4	3/4	3/4	207,568	3/4	192,604	3/4	177,572	3/4	162,504	3/4	147,436	3/4	132,367	3/4	117,299	3/4	102,227
2		2		2	207,257	2	192,291	2	177,258	2	162,190	2	147,122	2	132,054	2	116,985	2	101,913
1/4	1/4	1/4	1/4	1/4	206,946	1/4	191,978	1/4	176,944	1/4	161,876	1/4	146,808	1/4	131,740	1/4	116,672	1/4	101,599
1/2	1/2	1/2	1/2	1/2	206,635	1/2	191,665	1/2	176,630	1/2	161,562	1/2	146,494	1/2	131,426	1/2	116,358	1/2	101,285
3/4	3/4	3/4	3/4	3/4	206,325	3/4	191,352	3/4	176,316	3/4	161,248	3/4	146,180	3/4	131,112	3/4	116,044	3/4	100,971
3		3		3	206,014	3	191,039	3	176,002	3	160,934	3	145,866	3	130,798	3	115,730	3	100,657
1/4	1/4	1/4	1/4	1/4	205,703	1/4	190,726	1/4	175,688	1/4	160,620	1/4	145,552	1/4	130,484	1/4	115,416	1/4	100,343
1/2	1/2	1/2	1/2	1/2	205,392	1/2	190,413	1/2	175,374	1/2	160,306	1/2	145,238	1/2	130,170	1/2	115,102	1/2	100,028
3/4	3/4	3/4	3/4	3/4	205,081	3/4	190,100	3/4	175,060	3/4	159,992	3/4	144,924	3/4	129,856	3/4	114,788	3/4	99,714
4		4		4	204,770	4	189,787	4	174,746	4	159,678	4	144,610	4	129,542	4	114,474	4	99,400
1/4	1/4	1/4	1/4	1/4	204,460	1/4	189,474	1/4	174,433	1/4	159,364	1/4	144,296	1/4	129,228	1/4	114,160	1/4	99,086
1/2	1/2	1/2	1/2	1/2	204,149	1/2	189,161	1/2	174,119	1/2	159,051	1/2	143,982	1/2	128,914	1/2	113,846	1/2	98,772
3/4	3/4	3/4	3/4	3/4	203,838	3/4	188,848	3/4	173,805	3/4	158,737	3/4	143,669	3/4	128,600	3/4	113,532	3/4	98,458
5		5		5	203,527	5	188,535	5	173,491	5	158,423	5	143,355	5	128,287	5	113,218	5	98,144
1/4	1/4	1/4	1/4	1/4	203,216	1/4	188,222	1/4	173,177	1/4	158,109	1/4	143,041	1/4	127,973	1/4	112,905	1/4	97,830
1/2	1/2	1/2	1/2	1/2	202,906	1/2	187,909	1/2	172,863	1/2	157,795	1/2	142,727	1/2	127,659	1/2	112,591	1/2	97,516
3/4	3/4	3/4	3/4	3/4	202,595	3/4	187,596	3/4	172,549	3/4	157,481	3/4	142,413	3/4	127,345	3/4	112,277	3/4	97,202
6		6		6	202,284	6	187,283	6	172,235	6	157,167	6	142,099	6	127,031	6	111,963	6	96,888
1/4	1/4	1/4	1/4	1/4	201,973	1/4	186,970	1/4	171,921	1/4	156,853	1/4	141,785	1/4	126,717	1/4	111,649	1/4	96,574
1/2	1/2	1/2	1/2	1/2	201,662	1/2	186,657	1/2	171,607	1/2	156,539	1/2	141,471	1/2	126,403	1/2	111,335	1/2	96,260
3/4	3/4	3/4	3/4	3/4	201,352	3/4	186,344	3/4	171,293	3/4	156,225	3/4	141,157	3/4	126,089	3/4	111,021	3/4	95,946
7		7		7	201,041	7	186,031	7	170,979	7	155,911	7	140,843	7	125,775	7	110,707	7	95,631
1/4	1/4	1/4	1/4	1/4	200,730	1/4	185,718	1/4	170,666	1/4	155,597	1/4	140,529	1/4	125,461	1/4	110,393	1/4	95,317
1/2	1/2	1/2	1/2	1/2	214,414	1/2	200,419	1/2	185,405	1/2	170,352	1/2	155,284	1/2	140,215	1/2	125,147	1/2	110,079
3/4	3/4	3/4	3/4	3/4	214,243	3/4	200,108	3/4	185,092	3/4	170,038	3/4	154,970	3/4	139,902	3/4	124,833	3/4	109,765
8		8		8	214,072	8	199,797	8	184,779	8	169,724	8	154,656	8	139,588	8	124,520	8	109,451
1/4	1/4	1/4	1/4	1/4	213,857	1/4	199,486	1/4	184,466	1/4	169,410	1/4	154,342	1/4	139,274	1/4	124,206	1/4	109,137
1/2	1/2	1/2	1/2	1/2	213,641	1/2	199,174	1/2	184,153	1/2	169,096	1/2	154,028	1/2	138,960	1/2	123,892	1/2	108,822
3/4	3/4	3/4	3/4	3/4	213,426	3/4	198,863	3/4	183,840	3/4	168,782	3/4	153,714	3/4	138,646	3/4	123,578	3/4	108,508
9		9		9	213,210	9	198,551	9	183,527	9	168,468	9	153,400	9	138,332	9	123,264	9	108,194
1/4	1/4	1/4	1/4	1/4	212,950	1/4	198,238	1/4	183,214	1/4	168,154	1/4	153,086	1/4	138,018	1/4	122,950	1/4	107,880
1/2	1/2	1/2	1/2	1/2	212,689	1/2	197,925	1/2	182,901	1/2	167,840	1/2	152,772	1/2	137,704	1/2	122,636	1/2	107,566
3/4	3/4	3/4	3/4	3/4	212,429	3/4	197,612	3/4	182,588	3/4	167,526	3/4	152,458	3/4	137,390	3/4	122,322	3/4	107,252
10		10		10	212,168	10	197,299	10	182,275	10	167,212	10	152,144	10	137,076	10	122,008	10	106,938
1/4	1/4	1/4	1/4	1/4	211,872	1/4	196,986	1/4	181,962	1/4	166,899	1/4	151,830	1/4	136,762	1/4	121,694	1/4	106,624
1/2	1/2	1/2	1/2	1/2	211,575	1/2	196,673	1/2	181,649	1/2	166,585	1/2	151,517	1/2	136,448	1/2	121,380	1/2	106,310
3/4	3/4	3/4	3/4	3/4	211,279	3/4	196,360	3/4	181,336	3/4	166,271	3/4	151,203	3/4	136,135	3/4	121,066	3/4	105,996
11		11		11	210,983	11	196,047	11	181,023	11	165,957	11	150,889	11	135,821	11	120,753	11	105,682
1/4	1/4	1/4	1/4	1/4	210,673	1/4	195,734	1/4	180,709	1/4	165,643	1/4	150,575	1/4	135,507	1/4	120,439	1/4	105,368
1/2	1/2	1/2	1/2	1/2	210,363	1/2	195,421	1/2	180,396	1/2	165,329	1/2	150,261	1/2	135,193	1/2	120,125	1/2	105,054
3/4	3/4	3/4	3/4	3/4	210,053	3/4	195,108	3/4	180,083	3/4	165,015	3/4	149,947	3/4	134,879	3/4	119,811	3/4	104,740

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 4030"

2 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	89,350	0	74,275	0	59,199	0	44,134	0	29,071	0	13,996	0		0		0		0	
1/4	89,036	1/4	73,961	1/4	58,885	1/4	43,820	1/4	28,757	1/4	13,682	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	88,722	1/2	73,647	1/2	58,571	1/2	43,507	1/2	28,443	1/2	13,368	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	88,408	3/4	73,332	3/4	58,257	3/4	43,193	3/4	28,129	3/4	13,054	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	88,094	1	73,018	1	57,943	1	42,880	1	27,815	1	12,740	1	1	1	1	1	1	1	1
1/4	87,780	1/4	72,704	1/4	57,629	1/4	42,566	1/4	27,501	1/4	12,426	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,466	1/2	72,390	1/2	57,315	1/2	42,253	1/2	27,187	1/2	12,112	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,152	3/4	72,076	3/4	57,001	3/4	41,939	3/4	26,873	3/4	11,798	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	86,837	2	71,762	2	56,687	2	41,626	2	26,559	2	11,484	2	2	2	2	2	2	2	2
1/4	86,523	1/4	71,448	1/4	56,373	1/4	41,312	1/4	26,245	1/4	11,170	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,209	1/2	71,134	1/2	56,059	1/2	40,999	1/2	25,931	1/2	10,856	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,895	3/4	70,820	3/4	55,744	3/4	40,685	3/4	25,617	3/4	10,542	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	85,581	3	70,506	3	55,430	3	40,372	3	25,302	3	10,227	3	3	3	3	3	3	3	3
1/4	85,267	1/4	70,192	1/4	55,116	1/4	40,058	1/4	24,988	1/4	9,913	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,953	1/2	69,878	1/2	54,802	1/2	39,745	1/2	24,674	1/2	9,599	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,639	3/4	69,564	3/4	54,488	3/4	39,431	3/4	24,360	3/4	9,285	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	84,325	4	69,250	4	54,174	4	39,118	4	24,046	4	8,971	4	4	4	4	4	4	4	4
1/4	84,011	1/4	68,935	1/4	53,860	1/4	38,804	1/4	23,732	1/4	8,657	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,697	1/2	68,621	1/2	53,546	1/2	38,491	1/2	23,418	1/2	8,343	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,383	3/4	68,307	3/4	53,232	3/4	38,177	3/4	23,104	3/4	8,029	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	83,069	5	67,993	5	52,918	5	37,864	5	22,790	5	7,715	5	5	5	5	5	5	5	5
1/4	82,755	1/4	67,679	1/4	52,604	1/4	37,550	1/4	22,476	1/4	7,401	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,440	1/2	67,365	1/2	52,290	1/2	37,236	1/2	22,162	1/2	7,087	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,126	3/4	67,051	3/4	51,976	3/4	36,922	3/4	21,848	3/4	6,773	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	81,812	6	66,737	6	51,662	6	36,609	6	21,534	6	6,459	6	6	6	6	6	6	6	6
1/4	81,498	1/4	66,423	1/4	51,347	1/4	36,295	1/4	21,220	1/4	6,145	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,184	1/2	66,109	1/2	51,033	1/2	35,981	1/2	20,906	1/2	5,831	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,870	3/4	65,795	3/4	50,719	3/4	35,666	3/4	20,592	3/4	5,517	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	80,556	7	65,481	7	50,405	7	35,352	7	20,277	7	5,203	7	7	7	7	7	7	7	7
1/4	80,242	1/4	65,167	1/4	50,091	1/4	35,038	1/4	19,963	1/4	4,889	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,928	1/2	64,853	1/2	49,777	1/2	34,724	1/2	19,649	1/2	4,575	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,614	3/4	64,538	3/4	49,464	3/4	34,410	3/4	19,335	3/4	4,261	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	79,300	8	64,224	8	49,150	8	34,096	8	19,021	8	3,947	8	8	8	8	8	8	8	8
1/4	78,986	1/4	63,910	1/4	48,836	1/4	33,782	1/4	18,707	1/4	3,634	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,672	1/2	63,596	1/2	48,522	1/2	33,468	1/2	18,393	1/2	3,321	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,358	3/4	63,282	3/4	48,209	3/4	33,154	3/4	18,079	3/4	3,008	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	78,043	9	62,968	9	47,895	9	32,840	9	17,765	9	2,694	9	9	9	9	9	9	9	9
1/4	77,729	1/4	62,654	1/4	47,582	1/4	32,526	1/4	17,451	1/4	2,401	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,415	1/2	62,340	1/2	47,268	1/2	32,212	1/2	17,137	1/2	2,107	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,101	3/4	62,026	3/4	46,955	3/4	31,898	3/4	16,823	3/4	1,814	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	76,787	10	61,712	10	46,641	10	31,584	10	16,509	10	1,521	10	10	10	10	10	10	10	10
1/4	76,473	1/4	61,398	1/4	46,328	1/4	31,270	1/4	16,195	1/4	1,298	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,159	1/2	61,084	1/2	46,014	1/2	30,956	1/2	15,881	1/2	1,076	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	75,845	3/4	60,770	3/4	45,701	3/4	30,641	3/4	15,567	3/4	853	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	75,531	11	60,456	11	45,387	11	30,327	11	15,252	11	630	11	11	11	11	11	11	11	11
1/4	75,217	1/4	60,141	1/4	45,074	1/4	30,013	1/4	14,938	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,903	1/2	59,827	1/2	44,761	1/2	29,699	1/2	14,624	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,589	3/4	59,513	3/4	44,447	3/4	29,385	3/4	14,310	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: 12/12/2013 SW
CALCULATED: 12/13/2013 CL
PRINTED: 12/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "GBL 4030"

2 STBD 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		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	208,803	0	193,832	0	178,787	0	163,700	0	148,614	0	133,528	0	118,441	0	103,351
1/4	1/4	1/4	1/4	1/4	208,492	1/4	193,519	1/4	178,472	1/4	163,386	1/4	148,300	1/4	133,213	1/4	118,127	1/4	103,037
1/2	1/2	1/2	1/2	1/2	208,181	1/2	193,205	1/2	178,158	1/2	163,072	1/2	147,985	1/2	132,899	1/2	117,813	1/2	102,722
3/4	3/4	3/4	3/4	3/4	207,870	3/4	192,892	3/4	177,844	3/4	162,757	3/4	147,671	3/4	132,585	3/4	117,498	3/4	102,408
1		1		1	207,559	1	192,579	1	177,529	1	162,443	1	147,357	1	132,270	1	117,184	1	102,094
1/4	1/4	1/4	1/4	1/4	207,248	1/4	192,265	1/4	177,215	1/4	162,129	1/4	147,042	1/4	131,956	1/4	116,870	1/4	101,779
1/2	1/2	1/2	1/2	1/2	206,936	1/2	191,952	1/2	176,901	1/2	161,814	1/2	146,728	1/2	131,642	1/2	116,555	1/2	101,465
3/4	3/4	3/4	3/4	3/4	206,625	3/4	191,639	3/4	176,586	3/4	161,500	3/4	146,414	3/4	131,328	3/4	116,241	3/4	101,150
2		2		2	206,314	2	191,325	2	176,272	2	161,186	2	146,100	2	131,013	2	115,927	2	100,836
1/4	1/4	1/4	1/4	1/4	206,003	1/4	191,012	1/4	175,958	1/4	160,872	1/4	145,785	1/4	130,699	1/4	115,613	1/4	100,521
1/2	1/2	1/2	1/2	1/2	205,692	1/2	190,698	1/2	175,644	1/2	160,557	1/2	145,471	1/2	130,385	1/2	115,298	1/2	100,207
3/4	3/4	3/4	3/4	3/4	205,380	3/4	190,385	3/4	175,329	3/4	160,243	3/4	145,157	3/4	130,070	3/4	114,984	3/4	99,892
3		3		3	205,069	3	190,072	3	175,015	3	159,929	3	144,842	3	129,756	3	114,670	3	99,578
1/4	1/4	1/4	1/4	1/4	204,758	1/4	189,758	1/4	174,701	1/4	159,614	1/4	144,528	1/4	129,442	1/4	114,355	1/4	99,264
1/2	1/2	1/2	1/2	1/2	204,447	1/2	189,445	1/2	174,386	1/2	159,300	1/2	144,214	1/2	129,127	1/2	114,041	1/2	98,949
3/4	3/4	3/4	3/4	3/4	204,136	3/4	189,131	3/4	174,072	3/4	158,986	3/4	143,899	3/4	128,813	3/4	113,727	3/4	98,635
4		4		4	203,824	4	188,818	4	173,758	4	158,671	4	143,585	4	128,499	4	113,413	4	98,320
1/4	1/4	1/4	1/4	1/4	203,513	1/4	188,505	1/4	173,443	1/4	158,357	1/4	143,271	1/4	128,185	1/4	113,098	1/4	98,006
1/2	1/2	1/2	1/2	1/2	203,202	1/2	188,191	1/2	173,129	1/2	158,043	1/2	142,957	1/2	127,870	1/2	112,784	1/2	97,691
3/4	3/4	3/4	3/4	3/4	202,891	3/4	187,878	3/4	172,815	3/4	157,729	3/4	142,642	3/4	127,556	3/4	112,470	3/4	97,377
5		5		5	202,580	5	187,565	5	172,501	5	157,414	5	142,328	5	127,242	5	112,155	5	97,062
1/4	1/4	1/4	1/4	1/4	202,268	1/4	187,251	1/4	172,186	1/4	157,100	1/4	142,014	1/4	126,927	1/4	111,841	1/4	96,748
1/2	1/2	1/2	1/2	1/2	201,957	1/2	186,938	1/2	171,872	1/2	156,786	1/2	141,699	1/2	126,613	1/2	111,527	1/2	96,433
3/4	3/4	3/4	3/4	3/4	201,646	3/4	186,624	3/4	171,558	3/4	156,471	3/4	141,385	3/4	126,299	3/4	111,212	3/4	96,119
6		6		6	201,335	6	186,311	6	171,243	6	156,157	6	141,071	6	125,984	6	110,898	6	95,805
1/4	1/4	1/4	1/4	1/4	201,024	1/4	185,998	1/4	170,929	1/4	155,843	1/4	140,756	1/4	125,670	1/4	110,584	1/4	95,490
1/2	1/2	1/2	1/2	1/2	200,712	1/2	185,684	1/2	170,615	1/2	155,528	1/2	140,442	1/2	125,356	1/2	110,269	1/2	95,176
3/4	3/4	3/4	3/4	3/4	200,401	3/4	185,371	3/4	170,300	3/4	155,214	3/4	140,128	3/4	125,042	3/4	109,955	3/4	94,861
7		7	214,102	7	200,090	7	185,057	7	169,986	7	154,900	7	139,814	7	124,727	7	109,640	7	94,547
1/4	1/4	1/4	213,931	1/4	199,779	1/4	184,744	1/4	169,672	1/4	154,586	1/4	139,499	1/4	124,413	1/4	109,326	1/4	94,232
1/2	1/2	1/2	213,760	1/2	199,468	1/2	184,431	1/2	169,358	1/2	154,271	1/2	139,185	1/2	124,099	1/2	109,011	1/2	93,918
3/4	3/4	3/4	213,544	3/4	199,156	3/4	184,117	3/4	169,043	3/4	153,957	3/4	138,871	3/4	123,784	3/4	108,697	3/4	93,603
8		8	213,328	8	198,844	8	183,804	8	168,729	8	153,643	8	138,556	8	123,470	8	108,383	8	93,289
1/4	1/4	1/4	213,112	1/4	198,532	1/4	183,491	1/4	168,415	1/4	153,328	1/4	138,242	1/4	123,156	1/4	108,068	1/4	92,974
1/2	1/2	1/2	212,897	1/2	198,220	1/2	183,177	1/2	168,100	1/2	153,014	1/2	137,928	1/2	122,841	1/2	107,754	1/2	92,660
3/4	3/4	3/4	212,636	3/4	197,906	3/4	182,864	3/4	167,786	3/4	152,700	3/4	137,613	3/4	122,527	3/4	107,439	3/4	92,346
9		9	212,375	9	197,593	9	182,550	9	167,472	9	152,385	9	137,299	9	122,213	9	107,125	9	92,031
1/4	1/4	1/4	212,114	1/4	197,279	1/4	182,237	1/4	167,158	1/4	152,071	1/4	136,985	1/4	121,899	1/4	106,810	1/4	91,717
1/2	1/2	1/2	211,853	1/2	196,966	1/2	181,924	1/2	166,843	1/2	151,757	1/2	136,671	1/2	121,584	1/2	106,496	1/2	91,402
3/4	3/4	3/4	211,557	3/4	196,653	3/4	181,610	3/4	166,529	3/4	151,443	3/4	136,356	3/4	121,270	3/4	106,181	3/4	91,088
10		10	211,260	10	196,339	10	181,297	10	166,215	10	151,128	10	136,042	10	120,956	10	105,867	10	90,773
1/4	1/4	1/4	210,963	1/4	196,026	1/4	180,983	1/4	165,900	1/4	150,814	1/4	135,728	1/4	120,641	1/4	105,553	1/4	90,459
1/2	1/2	1/2	210,667	1/2	195,713	1/2	180,670	1/2	165,586	1/2	150,500	1/2	135,413	1/2	120,327	1/2	105,238	1/2	90,144
3/4	3/4	3/4	210,356	3/4	195,399	3/4	180,356	3/4	165,272	3/4	150,185	3/4	135,099	3/4	120,013	3/4	104,924	3/4	89,830
11		11	210,046	11	195,086	11	180,043	11	164,957	11	149,871	11	134,785	11	119,698	11	104,609	11	89,516
1/4	1/4	1/4	209,736	1/4	194,772	1/4	179,729	1/4	164,643	1/4	149,557	1/4	134,470	1/4	119,384	1/4	104,295	1/4	89,201
1/2	1/2	1/2	209,426	1/2	194,459	1/2	179,415	1/2	164,329	1/2	149,243	1/2	134,156	1/2	119,070	1/2	103,980	1/2	88,887
3/4	3/4	3/4	209,115	3/4	194,146	3/4	179,101	3/4	164,015	3/4	148,928	3/4	133,842	3/4	118,756	3/4	103,666	3/4	88,572

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 4030"

2 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	88,258	0	73,289	0	58,475	0	43,559	0	28,477	0	13,384	0		0		0		0	
1/4	87,943	1/4	72,981	1/4	58,167	1/4	43,245	1/4	28,163	1/4	13,069	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,629	1/2	72,672	1/2	57,858	1/2	42,931	1/2	27,848	1/2	12,755	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,314	3/4	72,363	3/4	57,550	3/4	42,617	3/4	27,534	3/4	12,440	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	87,000	1	72,055	1	57,241	1	42,303	1	27,219	1	12,126	1	1	1	1	1	1	1	1
1/4	86,685	1/4	71,746	1/4	56,932	1/4	41,990	1/4	26,905	1/4	11,812	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,371	1/2	71,438	1/2	56,624	1/2	41,676	1/2	26,590	1/2	11,497	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,057	3/4	71,129	3/4	56,315	3/4	41,362	3/4	26,276	3/4	11,183	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	85,742	2	70,820	2	56,006	2	41,048	2	25,961	2	10,868	2	2	2	2	2	2	2	2
1/4	85,428	1/4	70,512	1/4	55,698	1/4	40,734	1/4	25,647	1/4	10,554	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,113	1/2	70,203	1/2	55,389	1/2	40,420	1/2	25,333	1/2	10,239	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,799	3/4	69,895	3/4	55,081	3/4	40,106	3/4	25,018	3/4	9,925	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	84,484	3	69,586	3	54,772	3	39,793	3	24,704	3	9,611	3	3	3	3	3	3	3	3
1/4	84,170	1/4	69,277	1/4	54,463	1/4	39,479	1/4	24,389	1/4	9,296	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,855	1/2	68,969	1/2	54,155	1/2	39,165	1/2	24,075	1/2	8,982	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,541	3/4	68,660	3/4	53,846	3/4	38,851	3/4	23,760	3/4	8,667	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	83,227	4	68,351	4	53,537	4	38,537	4	23,446	4	8,353	4	4	4	4	4	4	4	4
1/4	82,912	1/4	68,043	1/4	53,229	1/4	38,223	1/4	23,132	1/4	8,038	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,598	1/2	67,734	1/2	52,920	1/2	37,909	1/2	22,817	1/2	7,724	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,283	3/4	67,426	3/4	52,612	3/4	37,595	3/4	22,503	3/4	7,409	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	81,969	5	67,117	5	52,303	5	37,281	5	22,188	5	7,095	5	5	5	5	5	5	5	5
1/4	81,654	1/4	66,808	1/4	51,994	1/4	36,967	1/4	21,874	1/4	6,781	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,340	1/2	66,500	1/2	51,686	1/2	36,653	1/2	21,559	1/2	6,466	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,026	3/4	66,191	3/4	51,377	3/4	36,338	3/4	21,245	3/4	6,152	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	80,713	6	65,882	6	51,068	6	36,024	6	20,930	6	5,837	6	6	6	6	6	6	6	6
1/4	80,400	1/4	65,574	1/4	50,760	1/4	35,709	1/4	20,616	1/4	5,523	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,086	1/2	65,265	1/2	50,451	1/2	35,395	1/2	20,302	1/2	5,208	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,776	3/4	64,957	3/4	50,141	3/4	35,080	3/4	19,987	3/4	4,894	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	79,465	7	64,648	7	49,830	7	34,766	7	19,673	7	4,580	7	7	7	7	7	7	7	7
1/4	79,155	1/4	64,339	1/4	49,519	1/4	34,451	1/4	19,358	1/4	4,266	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,845	1/2	64,031	1/2	49,209	1/2	34,137	1/2	19,044	1/2	3,951	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,536	3/4	63,722	3/4	48,895	3/4	33,823	3/4	18,729	3/4	3,638	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	78,227	8	63,413	8	48,581	8	33,508	8	18,415	8	3,324	8	8	8	8	8	8	8	8
1/4	77,919	1/4	63,105	1/4	48,267	1/4	33,194	1/4	18,100	1/4	3,011	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,610	1/2	62,796	1/2	47,953	1/2	32,879	1/2	17,786	1/2	2,697	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,301	3/4	62,488	3/4	47,639	3/4	32,565	3/4	17,472	3/4	2,403	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	76,993	9	62,179	9	47,325	9	32,250	9	17,157	9	2,110	9	9	9	9	9	9	9	9
1/4	76,684	1/4	61,870	1/4	47,011	1/4	31,936	1/4	16,843	1/4	1,816	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,376	1/2	61,562	1/2	46,697	1/2	31,621	1/2	16,528	1/2	1,522	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,067	3/4	61,253	3/4	46,384	3/4	31,307	3/4	16,214	3/4	1,299	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	75,758	10	60,944	10	46,070	10	30,993	10	15,899	10	1,077	10	10	10	10	10	10	10	10
1/4	75,450	1/4	60,636	1/4	45,756	1/4	30,678	1/4	15,585	1/4	854	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,141	1/2	60,327	1/2	45,442	1/2	30,364	1/2	15,270	1/2	631	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,832	3/4	60,019	3/4	45,128	3/4	30,049	3/4	14,956	3/4	411	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,524	11	59,710	11	44,814	11	29,735	11	14,642	11	191	11	11	11	11	11	11	11	11
1/4	74,215	1/4	59,401	1/4	44,500	1/4	29,420	1/4	14,327	1/4	171	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,907	1/2	59,093	1/2	44,187	1/2	29,106	1/2	14,013	1/2	151	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,598	3/4	58,784	3/4	43,873	3/4	28,791	3/4	13,698	3/4	131	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: 12/12/2013 SW
CALCULATED: 12/13/2013 CL
PRINTED: 12/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2013

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



BARGE "GBL 4030"

3 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		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	189,401	0	179,112	0	168,773	0	158,406	0	147,821	0	133,337	0	118,346	0	103,347		
1/4	1/4	1/4	1/4	1/4	189,187	1/4	178,897	1/4	168,557	1/4	158,190	1/4	147,567	1/4	133,024	1/4	118,034	1/4	103,034		
1/2	1/2	1/2	1/2	1/2	188,973	1/2	178,682	1/2	168,341	1/2	157,975	1/2	147,313	1/2	132,712	1/2	117,721	1/2	102,722		
3/4	3/4	3/4	3/4	3/4	188,759	3/4	178,466	3/4	168,125	3/4	157,759	3/4	147,046	3/4	132,400	3/4	117,409	3/4	102,409		
1		1		1	188,545	1	178,251	1	167,909	1	157,543	1	146,779	1	132,087	1	117,097	1	102,096		
1/4	1/4	1/4	1/4	1/4	188,332	1/4	178,036	1/4	167,693	1/4	157,327	1/4	146,512	1/4	131,775	1/4	116,784	1/4	101,783		
1/2	1/2	1/2	1/2	1/2	188,118	1/2	177,820	1/2	167,477	1/2	157,111	1/2	146,244	1/2	131,463	1/2	116,472	1/2	101,471		
3/4	3/4	3/4	3/4	3/4	187,904	3/4	177,605	3/4	167,261	3/4	156,895	3/4	145,963	3/4	131,150	3/4	116,160	3/4	101,158		
2		2		2	187,690	2	177,390	2	167,045	2	156,679	2	145,682	2	130,838	2	115,848	2	100,845		
1/4	1/4	1/4	1/4	1/4	187,476	1/4	177,174	1/4	166,829	1/4	156,463	1/4	145,401	1/4	130,526	1/4	115,535	1/4	100,533		
1/2	1/2	1/2	1/2	1/2	187,262	1/2	176,959	1/2	166,613	1/2	156,247	1/2	145,120	1/2	130,214	1/2	115,223	1/2	100,220		
3/4	3/4	3/4	3/4	3/4	187,048	3/4	176,743	3/4	166,397	3/4	156,031	3/4	144,824	3/4	129,901	3/4	114,911	3/4	99,907		
3		3		3	186,835	3	176,528	3	166,181	3	155,815	3	144,529	3	129,589	3	114,598	3	99,594		
1/4	1/4	1/4	1/4	1/4	186,621	1/4	176,313	1/4	165,965	1/4	155,599	1/4	144,233	1/4	129,277	1/4	114,286	1/4	99,282		
1/2	1/2	1/2	1/2	1/2	186,407	1/2	176,097	1/2	165,749	1/2	155,383	1/2	143,938	1/2	128,964	1/2	113,974	1/2	98,969		
3/4	3/4	3/4	3/4	3/4	186,193	3/4	175,882	3/4	165,533	3/4	155,167	3/4	143,630	3/4	128,652	3/4	113,661	3/4	98,656		
4		4		4	185,979	4	175,667	4	165,317	4	154,951	4	143,322	4	128,340	4	113,349	4	98,344		
1/4	1/4	1/4	1/4	1/4	185,765	1/4	175,451	1/4	165,102	1/4	154,735	1/4	143,014	1/4	128,027	1/4	113,037	1/4	98,031		
1/2	1/2	1/2	1/2	1/2	185,551	1/2	175,236	1/2	164,886	1/2	154,519	1/2	142,706	1/2	127,715	1/2	112,724	1/2	97,718		
3/4	3/4	3/4	3/4	3/4	185,338	3/4	175,021	3/4	164,670	3/4	154,303	3/4	142,393	3/4	127,403	3/4	112,412	3/4	97,405		
5		5		5	185,124	5	174,805	5	164,454	5	154,087	5	142,081	5	127,091	5	112,100	5	97,093		
1/4	1/4	1/4	1/4	1/4	184,910	1/4	174,590	1/4	164,238	1/4	153,871	1/4	141,769	1/4	126,778	1/4	111,788	1/4	96,780		
1/2	1/2	1/2	1/2	1/2	184,696	1/2	174,375	1/2	164,022	1/2	153,655	1/2	141,457	1/2	126,466	1/2	111,475	1/2	96,467		
3/4	3/4	3/4	3/4	3/4	184,482	3/4	174,159	3/4	163,806	3/4	153,439	3/4	141,144	3/4	126,154	3/4	111,163	3/4	96,155		
6		6		6	184,268	6	173,944	6	163,590	6	153,223	6	140,832	6	125,841	6	110,851	6	95,842		
1/4	1/4	1/4	1/4	1/4	184,054	1/4	173,728	1/4	163,374	1/4	153,007	1/4	140,520	1/4	125,529	1/4	110,538	1/4	95,529		
1/2	1/2	1/2	1/2	1/2	183,841	1/2	173,513	1/2	163,158	1/2	152,791	1/2	140,207	1/2	125,217	1/2	110,226	1/2	95,217		
3/4	3/4	3/4	3/4	3/4	183,627	3/4	173,298	3/4	162,942	3/4	152,575	3/4	139,895	3/4	124,904	3/4	109,913	3/4	94,904		
7		7	193,042	7	183,413	7	173,082	7	162,726	7	152,359	7	139,583	7	124,592	7	109,601	7	94,591		
1/4	1/4	1/4	192,925	1/4	183,199	1/4	172,867	1/4	162,510	1/4	152,143	1/4	139,270	1/4	124,280	1/4	109,288	1/4	94,278		
1/2	1/2	1/2	192,807	1/2	182,985	1/2	172,652	1/2	162,294	1/2	151,927	1/2	138,958	1/2	123,967	1/2	108,976	1/2	93,966		
3/4	3/4	3/4	192,659	3/4	182,771	3/4	172,436	3/4	162,078	3/4	151,711	3/4	138,646	3/4	123,655	3/4	108,663	3/4	93,653		
8		8	192,510	8	182,556	8	172,221	8	161,862	8	151,495	8	138,333	8	123,343	8	108,350	8	93,340		
1/4	1/4	1/4	192,362	1/4	182,342	1/4	172,006	1/4	161,646	1/4	151,279	1/4	138,021	1/4	123,031	1/4	108,038	1/4	93,028		
1/2	1/2	1/2	192,214	1/2	182,128	1/2	171,790	1/2	161,430	1/2	151,064	1/2	137,709	1/2	122,718	1/2	107,725	1/2	92,715		
3/4	3/4	3/4	192,034	3/4	181,912	3/4	171,575	3/4	161,214	3/4	150,846	3/4	137,397	3/4	122,406	3/4	107,412	3/4	92,402		
9		9	191,855	9	181,697	9	171,359	9	160,998	9	150,628	9	137,084	9	122,094	9	107,100	9	92,089		
1/4	1/4	1/4	191,676	1/4	181,481	1/4	171,144	1/4	160,782	1/4	150,410	1/4	136,772	1/4	121,781	1/4	106,787	1/4	91,777		
1/2	1/2	1/2	191,497	1/2	181,266	1/2	170,929	1/2	160,566	1/2	150,192	1/2	136,460	1/2	121,469	1/2	106,474	1/2	91,464		
3/4	3/4	3/4	191,293	3/4	181,051	3/4	170,713	3/4	160,350	3/4	149,966	3/4	136,147	3/4	121,157	3/4	106,161	3/4	91,151		
10		10	191,089	10	180,835	10	170,498	10	160,134	10	149,740	10	135,835	10	120,844	10	105,849	10	90,839		
1/4	1/4	1/4	190,885	1/4	180,620	1/4	170,283	1/4	159,918	1/4	149,514	1/4	135,523	1/4	120,532	1/4	105,536	1/4	90,526		
1/2	1/2	1/2	190,681	1/2	180,405	1/2	170,067	1/2	159,702	1/2	149,288	1/2	135,210	1/2	120,220	1/2	105,223	1/2	90,213		
3/4	3/4	3/4	190,468	3/4	180,189	3/4	169,852	3/4	159,486	3/4	149,048	3/4	134,898	3/4	119,907	3/4	104,911	3/4	89,900		
11		11	190,255	11	179,974	11	169,636	11	159,270	11	148,808	11	134,586	11	119,595	11	104,598	11	89,588		
1/4	1/4	1/4	190,042	1/4	179,759	1/4	169,421	1/4	159,054	1/4	148,568	1/4	134,274	1/4	119,283	1/4	104,285	1/4	89,275		
1/2	1/2	1/2	189,828	1/2	179,543	1/2	169,205	1/2	158,838	1/2	148,328	1/2	133,961	1/2	118,971	1/2	103,972	1/2	88,962		
3/4	3/4	3/4	189,615	3/4	179,328	3/4	168,989	3/4	158,622	3/4	148,074	3/4	133,649	3/4	118,658	3/4	103,660	3/4	88,650		

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 4030"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	88,337	0	73,327	0	58,317	0	43,318	0	28,319	0	13,310	0		0		0		0	
1/4	88,024	1/4	73,014	1/4	58,004	1/4	43,005	1/4	28,007	1/4	12,997	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	87,711	1/2	72,701	1/2	57,691	1/2	42,693	1/2	27,694	1/2	12,684	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	87,399	3/4	72,389	3/4	57,379	3/4	42,381	3/4	27,381	3/4	12,371	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	87,086	1	72,076	1	57,066	1	42,069	1	27,068	1	12,059	1	1	1	1	1	1	1	1
1/4	86,773	1/4	71,763	1/4	56,753	1/4	41,757	1/4	26,756	1/4	11,746	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,461	1/2	71,451	1/2	56,440	1/2	41,445	1/2	26,443	1/2	11,433	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,148	3/4	71,138	3/4	56,128	3/4	41,133	3/4	26,130	3/4	11,121	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	85,835	2	70,825	2	55,815	2	40,821	2	25,818	2	10,808	2	2	2	2	2	2	2	2
1/4	85,522	1/4	70,512	1/4	55,502	1/4	40,508	1/4	25,505	1/4	10,495	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,210	1/2	70,200	1/2	55,190	1/2	40,196	1/2	25,192	1/2	10,183	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,897	3/4	69,887	3/4	54,877	3/4	39,884	3/4	24,880	3/4	9,870	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	84,584	3	69,574	3	54,564	3	39,572	3	24,567	3	9,557	3	3	3	3	3	3	3	3
1/4	84,272	1/4	69,262	1/4	54,251	1/4	39,260	1/4	24,254	1/4	9,244	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,959	1/2	68,949	1/2	53,939	1/2	38,948	1/2	23,941	1/2	8,932	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	83,646	3/4	68,636	3/4	53,626	3/4	38,636	3/4	23,629	3/4	8,619	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	83,334	4	68,323	4	53,313	4	38,324	4	23,316	4	8,306	4	4	4	4	4	4	4	4
1/4	83,021	1/4	68,011	1/4	53,001	1/4	38,011	1/4	23,003	1/4	7,994	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	82,708	1/2	67,698	1/2	52,688	1/2	37,699	1/2	22,691	1/2	7,681	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,395	3/4	67,385	3/4	52,375	3/4	37,387	3/4	22,378	3/4	7,368	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	82,083	5	67,073	5	52,062	5	37,074	5	22,065	5	7,056	5	5	5	5	5	5	5	5
1/4	81,770	1/4	66,760	1/4	51,750	1/4	36,762	1/4	21,753	1/4	6,743	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,457	1/2	66,447	1/2	51,437	1/2	36,449	1/2	21,440	1/2	6,430	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,145	3/4	66,134	3/4	51,124	3/4	36,137	3/4	21,127	3/4	6,117	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	80,832	6	65,822	6	50,812	6	35,824	6	20,814	6	5,805	6	6	6	6	6	6	6	6
1/4	80,519	1/4	65,509	1/4	50,499	1/4	35,511	1/4	20,502	1/4	5,492	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,206	1/2	65,196	1/2	50,186	1/2	35,199	1/2	20,189	1/2	5,179	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,894	3/4	64,884	3/4	49,874	3/4	34,886	3/4	19,876	3/4	4,867	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	79,581	7	64,571	7	49,561	7	34,573	7	19,564	7	4,554	7	7	7	7	7	7	7	7
1/4	79,268	1/4	64,258	1/4	49,249	1/4	34,261	1/4	19,251	1/4	4,242	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,956	1/2	63,945	1/2	48,936	1/2	33,948	1/2	18,938	1/2	3,929	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	78,643	3/4	63,633	3/4	48,624	3/4	33,635	3/4	18,625	3/4	3,618	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	78,330	8	63,320	8	48,312	8	33,322	8	18,313	8	3,306	8	8	8	8	8	8	8	8
1/4	78,017	1/4	63,007	1/4	47,999	1/4	33,010	1/4	18,000	1/4	2,994	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	77,705	1/2	62,695	1/2	47,687	1/2	32,697	1/2	17,687	1/2	2,682	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,392	3/4	62,382	3/4	47,375	3/4	32,384	3/4	17,375	3/4	2,390	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	77,079	9	62,069	9	47,063	9	32,072	9	17,062	9	2,098	9	9	9	9	9	9	9	9
1/4	76,767	1/4	61,756	1/4	46,751	1/4	31,759	1/4	16,749	1/4	1,806	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,454	1/2	61,444	1/2	46,439	1/2	31,446	1/2	16,437	1/2	1,513	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	76,141	3/4	61,131	3/4	46,127	3/4	31,134	3/4	16,124	3/4	1,292	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	75,828	10	60,818	10	45,814	10	30,821	10	15,811	10	1,070	10	10	10	10	10	10	10	10
1/4	75,516	1/4	60,506	1/4	45,502	1/4	30,508	1/4	15,498	1/4	849	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,203	1/2	60,193	1/2	45,190	1/2	30,195	1/2	15,186	1/2	628	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	74,890	3/4	59,880	3/4	44,878	3/4	29,883	3/4	14,873	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74,578	11	59,568	11	44,566	11	29,570	11	14,560	11		11	11	11	11	11	11	11	11
1/4	74,265	1/4	59,255	1/4	44,254	1/4	29,257	1/4	14,248	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,952	1/2	58,942	1/2	43,942	1/2	28,945	1/2	13,935	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	73,639	3/4	58,629	3/4	43,630	3/4	28,632	3/4	13,622	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: 12/12/2013 SW
CALCULATED: 12/13/2013 CL
PRINTED: 12/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "GBL 4030"

3 STBD 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	188,221	0	177,948	0	167,623	0	157,272	0	146,703	0	132,269	0	117,332	0	102,389		
1/4	1/4	1/4	188,008	1/4	177,733	1/4	167,408	1/4	157,056	1/4	146,450	1/4	131,958	1/4	117,021	1/4	102,077		
1/2	1/2	1/2	187,794	1/2	177,518	1/2	167,192	1/2	156,840	1/2	146,197	1/2	131,647	1/2	116,710	1/2	101,765		
3/4	3/4	3/4	187,581	3/4	177,303	3/4	166,976	3/4	156,625	3/4	145,931	3/4	131,335	3/4	116,399	3/4	101,454		
1	1	1	187,367	1	177,088	1	166,761	1	156,409	1	145,665	1	131,024	1	116,088	1	101,142		
1/4	1/4	1/4	187,153	1/4	176,872	1/4	166,545	1/4	156,194	1/4	145,398	1/4	130,713	1/4	115,777	1/4	100,830		
1/2	1/2	1/2	186,940	1/2	176,657	1/2	166,329	1/2	155,978	1/2	145,132	1/2	130,402	1/2	115,466	1/2	100,518		
3/4	3/4	3/4	186,726	3/4	176,442	3/4	166,114	3/4	155,762	3/4	144,852	3/4	130,090	3/4	115,155	3/4	100,207		
2	2	2	186,513	2	176,227	2	165,898	2	155,547	2	144,572	2	129,779	2	114,844	2	99,895		
1/4	1/4	1/4	186,299	1/4	176,012	1/4	165,682	1/4	155,331	1/4	144,292	1/4	129,468	1/4	114,533	1/4	99,583		
1/2	1/2	1/2	186,086	1/2	175,797	1/2	165,467	1/2	155,115	1/2	144,012	1/2	129,157	1/2	114,222	1/2	99,272		
3/4	3/4	3/4	185,872	3/4	175,582	3/4	165,251	3/4	154,900	3/4	143,717	3/4	128,845	3/4	113,911	3/4	98,960		
3	3	3	185,659	3	175,367	3	165,035	3	154,684	3	143,423	3	128,534	3	113,600	3	98,648		
1/4	1/4	1/4	185,445	1/4	175,152	1/4	164,820	1/4	154,468	1/4	143,128	1/4	128,223	1/4	113,289	1/4	98,337		
1/2	1/2	1/2	185,232	1/2	174,937	1/2	164,604	1/2	154,253	1/2	142,834	1/2	127,912	1/2	112,978	1/2	98,025		
3/4	3/4	3/4	185,018	3/4	174,722	3/4	164,388	3/4	154,037	3/4	142,527	3/4	127,601	3/4	112,667	3/4	97,713		
4	4	4	184,804	4	174,507	4	164,173	4	153,821	4	142,220	4	127,289	4	112,356	4	97,401		
1/4	1/4	1/4	184,591	1/4	174,292	1/4	163,957	1/4	153,606	1/4	141,913	1/4	126,978	1/4	112,045	1/4	97,090		
1/2	1/2	1/2	184,377	1/2	174,077	1/2	163,741	1/2	153,390	1/2	141,606	1/2	126,667	1/2	111,734	1/2	96,778		
3/4	3/4	3/4	184,164	3/4	173,862	3/4	163,526	3/4	153,174	3/4	141,295	3/4	126,356	3/4	111,423	3/4	96,466		
5	5	5	183,950	5	173,647	5	163,310	5	152,959	5	140,984	5	126,044	5	111,112	5	96,155		
1/4	1/4	1/4	183,737	1/4	173,432	1/4	163,094	1/4	152,743	1/4	140,672	1/4	125,733	1/4	110,801	1/4	95,843		
1/2	1/2	1/2	183,523	1/2	173,217	1/2	162,879	1/2	152,527	1/2	140,361	1/2	125,422	1/2	110,490	1/2	95,531		
3/4	3/4	3/4	183,310	3/4	173,002	3/4	162,663	3/4	152,312	3/4	140,050	3/4	125,111	3/4	110,179	3/4	95,219		
6	6	6	183,096	6	172,787	6	162,448	6	152,096	6	139,739	6	124,799	6	109,868	6	94,908		
1/4	1/4	1/4	182,883	1/4	172,572	1/4	162,232	1/4	151,880	1/4	139,428	1/4	124,488	1/4	109,557	1/4	94,596		
1/2	1/2	1/2	182,669	1/2	172,356	1/2	162,016	1/2	151,665	1/2	139,116	1/2	124,177	1/2	109,245	1/2	94,284		
3/4	3/4	3/4	182,455	3/4	172,141	3/4	161,801	3/4	151,449	3/4	138,805	3/4	123,866	3/4	108,934	3/4	93,973		
7	7	191,857	182,242	7	171,926	7	161,585	7	151,233	7	138,494	7	123,554	7	108,622	7	93,661		
1/4	1/4	191,740	182,028	1/4	171,711	1/4	161,369	1/4	151,018	1/4	138,183	1/4	123,243	1/4	108,311	1/4	93,349		
1/2	1/2	191,622	181,815	1/2	171,496	1/2	161,154	1/2	150,802	1/2	137,871	1/2	122,932	1/2	107,999	1/2	93,038		
3/4	3/4	191,474	181,601	3/4	171,281	3/4	160,938	3/4	150,586	3/4	137,560	3/4	122,621	3/4	107,688	3/4	92,726		
8	8	191,326	181,387	8	171,066	8	160,722	8	150,371	8	137,249	8	122,310	8	107,376	8	92,414		
1/4	1/4	191,178	181,173	1/4	170,851	1/4	160,507	1/4	150,155	1/4	136,938	1/4	121,998	1/4	107,064	1/4	92,102		
1/2	1/2	191,030	180,958	1/2	170,636	1/2	160,291	1/2	149,939	1/2	136,626	1/2	121,687	1/2	106,753	1/2	91,791		
3/4	3/4	190,851	180,743	3/4	170,421	3/4	160,075	3/4	149,722	3/4	136,315	3/4	121,376	3/4	106,441	3/4	91,479		
9	9	190,672	180,528	9	170,206	9	159,860	9	149,505	9	136,004	9	121,065	9	106,129	9	91,167		
1/4	1/4	190,493	180,313	1/4	169,991	1/4	159,644	1/4	149,287	1/4	135,693	1/4	120,753	1/4	105,817	1/4	90,856		
1/2	1/2	190,314	180,098	1/2	169,776	1/2	159,428	1/2	149,070	1/2	135,381	1/2	120,442	1/2	105,506	1/2	90,544		
3/4	3/4	190,110	179,883	3/4	169,561	3/4	159,213	3/4	148,844	3/4	135,070	3/4	120,131	3/4	105,194	3/4	90,232		
10	10	189,907	179,668	10	169,346	10	158,997	10	148,618	10	134,759	10	119,820	10	104,882	10	89,920		
1/4	1/4	189,703	179,453	1/4	169,131	1/4	158,781	1/4	148,393	1/4	134,448	1/4	119,509	1/4	104,571	1/4	89,609		
1/2	1/2	189,500	179,238	1/2	168,916	1/2	158,566	1/2	148,167	1/2	134,136	1/2	119,198	1/2	104,259	1/2	89,297		
3/4	3/4	189,287	179,023	3/4	168,700	3/4	158,350	3/4	147,927	3/4	133,825	3/4	118,887	3/4	103,947	3/4	88,986		
11	11	189,074	178,808	11	168,485	11	158,134	11	147,688	11	133,514	11	118,576	11	103,635	11	88,676		
1/4	1/4	188,861	178,593	1/4	168,270	1/4	157,919	1/4	147,448	1/4	133,203	1/4	118,265	1/4	103,324	1/4	88,365		
1/2	1/2	188,648	178,378	1/2	168,055	1/2	157,703	1/2	147,209	1/2	132,892	1/2	117,954	1/2	103,012	1/2	88,055		
3/4	3/4	188,435	178,163	3/4	167,839	3/4	157,487	3/4	146,956	3/4	132,580	3/4	117,643	3/4	102,700	3/4	87,746		

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 4030"

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	87,437	0	72,605	0	57,843	0	43,199	0	28,245	0	13,282	0		0		0		0	
1/4	87,128	1/4	72,294	1/4	57,542	1/4	42,887	1/4	27,933	1/4	12,970	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	86,819	1/2	71,982	1/2	57,241	1/2	42,576	1/2	27,622	1/2	12,658	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86,511	3/4	71,671	3/4	56,941	3/4	42,265	3/4	27,310	3/4	12,347	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	86,202	1	71,359	1	56,640	1	41,954	1	26,998	1	12,035	1	1	1	1	1	1	1	1
1/4	85,893	1/4	71,048	1/4	56,340	1/4	41,643	1/4	26,686	1/4	11,723	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	85,584	1/2	70,736	1/2	56,039	1/2	41,331	1/2	26,374	1/2	11,411	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	85,276	3/4	70,425	3/4	55,738	3/4	41,020	3/4	26,063	3/4	11,100	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	84,967	2	70,113	2	55,438	2	40,709	2	25,751	2	10,788	2	2	2	2	2	2	2	2
1/4	84,658	1/4	69,801	1/4	55,137	1/4	40,398	1/4	25,439	1/4	10,476	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	84,349	1/2	69,490	1/2	54,836	1/2	40,087	1/2	25,127	1/2	10,164	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84,040	3/4	69,178	3/4	54,536	3/4	39,776	3/4	24,816	3/4	9,852	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	83,732	3	68,867	3	54,235	3	39,464	3	24,504	3	9,541	3	3	3	3	3	3	3	3
1/4	83,423	1/4	68,555	1/4	53,935	1/4	39,153	1/4	24,192	1/4	9,229	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	83,114	1/2	68,244	1/2	53,634	1/2	38,842	1/2	23,880	1/2	8,917	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82,805	3/4	67,933	3/4	53,333	3/4	38,531	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	82,496	4	67,621	4	53,033	4	38,219	4	23,257	4	8,293	4	4	4	4	4	4	4	4
1/4	82,188	1/4	67,310	1/4	52,732	1/4	37,908	1/4	22,945	1/4	7,982	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	81,879	1/2	66,998	1/2	52,431	1/2	37,597	1/2	22,633	1/2	7,670	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81,570	3/4	66,687	3/4	52,131	3/4	37,286	3/4	22,321	3/4	7,358	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	81,261	5	66,375	5	51,830	5	36,974	5	22,010	5	7,046	5	5	5	5	5	5	5	5
1/4	80,952	1/4	66,064	1/4	51,530	1/4	36,663	1/4	21,698	1/4	6,734	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80,644	1/2	65,753	1/2	51,229	1/2	36,351	1/2	21,386	1/2	6,422	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	80,335	3/4	65,441	3/4	50,928	3/4	36,039	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	80,026	6	65,129	6	50,626	6	35,727	6	20,763	6	5,797	6	6	6	6	6	6	6	6
1/4	79,717	1/4	64,818	1/4	50,325	1/4	35,416	1/4	20,451	1/4	5,485	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	79,408	1/2	64,506	1/2	50,024	1/2	35,104	1/2	20,140	1/2	5,173	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79,100	3/4	64,197	3/4	49,718	3/4	34,792	3/4	19,828	3/4	4,861	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	78,791	7	63,889	7	49,412	7	34,480	7	19,517	7	4,549	7	7	7	7	7	7	7	7
1/4	78,482	1/4	63,580	1/4	49,106	1/4	34,169	1/4	19,205	1/4	4,237	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78,173	1/2	63,271	1/2	48,800	1/2	33,857	1/2	18,894	1/2	3,925	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	77,865	3/4	62,967	3/4	48,489	3/4	33,545	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	77,556	8	62,664	8	48,178	8	33,233	8	18,270	8	3,302	8	8	8	8	8	8	8	8
1/4	77,247	1/4	62,360	1/4	47,866	1/4	32,922	1/4	17,958	1/4	2,990	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76,938	1/2	62,056	1/2	47,555	1/2	32,610	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	76,629	3/4	61,754	3/4	47,244	3/4	32,298	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	76,321	9	61,453	9	46,933	9	31,986	9	17,023	9	2,095	9	9	9	9	9	9	9	9
1/4	76,012	1/4	61,151	1/4	46,622	1/4	31,674	1/4	16,711	1/4	1,804	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	75,703	1/2	60,849	1/2	46,310	1/2	31,363	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	75,394	3/4	60,548	3/4	45,999	3/4	31,051	3/4	16,088	3/4	1,291	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	75,085	10	60,248	10	45,688	10	30,739	10	15,776	10	1,070	10	10	10	10	10	10	10	10
1/4	74,777	1/4	59,947	1/4	45,377	1/4	30,427	1/4	15,464	1/4	848	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	74,468	1/2	59,646	1/2	45,066	1/2	30,116	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	74,158	3/4	59,346	3/4	44,754	3/4	29,804	3/4	14,841	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	73,848	11	59,045	11	44,443	11	29,492	11	14,529	11		11	11	11	11	11	11	11	11
1/4	73,538	1/4	58,745	1/4	44,132	1/4	29,180	1/4	14,217	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73,229	1/2	58,444	1/2	43,821	1/2	28,869	1/2	13,905	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	72,917	3/4	58,143	3/4	43,510	3/4	28,557	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: 12/12/2013 SW
CALCULATED: 12/13/2013 CL
PRINTED: 12/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2013

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



BARGE "GBL 4030"

PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	4,744	0	3,591	0	2,434	0	1,277	0	120	0		0		0	
1/4	1/4	1/4	1/4	1/4	4,721	1/4	3,567	1/4	2,410	1/4	1,253	1/4	96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,697	1/2	3,543	1/2	2,386	1/2	1,229	1/2	72	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,673	3/4	3,518	3/4	2,362	3/4	1,205	3/4	48	3/4	3/4	3/4	3/4	3/4	3/4
1		1		1	4,650	1	3,494	1	2,338	1	1,181	1	24	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,626	1/4	3,470	1/4	2,313	1/4	1,157	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,602	1/2	3,446	1/2	2,289	1/2	1,133	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,578	3/4	3,422	3/4	2,265	3/4	1,108	3/4		3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	4,554	2	3,398	2	2,241	2	1,084	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	4,531	1/4	3,374	1/4	2,217	1/4	1,060	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,507	1/2	3,350	1/2	2,193	1/2	1,036	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,482	3/4	3,326	3/4	2,169	3/4	1,012	3/4		3/4	3/4	3/4	3/4	3/4	3/4
3		3		3	4,458	3	3,302	3	2,145	3	988	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	4,434	1/4	3,277	1/4	2,121	1/4	964	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,410	1/2	3,253	1/2	2,097	1/2	940	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,386	3/4	3,229	3/4	2,072	3/4	916	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4		4		4	4,362	4	3,205	4	2,048	4	892	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,338	1/4	3,181	1/4	2,024	1/4	867	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,314	1/2	3,157	1/2	2,000	1/2	843	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,290	3/4	3,133	3/4	1,976	3/4	819	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5		5		5	4,266	5	3,109	5	1,952	5	795	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,241	1/4	3,085	1/4	1,928	1/4	771	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,217	1/2	3,061	1/2	1,904	1/2	747	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,193	3/4	3,036	3/4	1,880	3/4	723	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6		6		6	4,169	6	3,012	6	1,856	6	699	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,145	1/4	2,988	1/4	1,831	1/4	675	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,121	1/2	2,964	1/2	1,807	1/2	651	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,097	3/4	2,940	3/4	1,783	3/4	626	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7		7		7	4,073	7	2,916	7	1,759	7	602	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	4,049	1/4	2,892	1/4	1,735	1/4	578	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,025	1/2	2,868	1/2	1,711	1/2	554	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,194	3/4	4,000	3/4	2,844	3/4	530	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8		8		8	5,146	8	3,976	8	2,820	8	506	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	5,099	1/4	3,952	1/4	2,795	1/4	482	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,075	1/2	3,928	1/2	2,771	1/2	458	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,051	3/4	3,904	3/4	2,747	3/4	434	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9		9		9	5,028	9	3,880	9	2,723	9	410	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	5,004	1/4	3,856	1/4	2,699	1/4	385	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,980	1/2	3,832	1/2	2,675	1/2	361	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,957	3/4	3,808	3/4	2,651	3/4	337	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10		10		10	4,933	10	3,784	10	2,627	10	313	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	4,910	1/4	3,759	1/4	2,603	1/4	289	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,886	1/2	3,735	1/2	2,579	1/2	265	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,862	3/4	3,711	3/4	2,554	3/4	241	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11		11		11	4,839	11	3,687	11	2,530	11	217	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	4,815	1/4	3,663	1/4	2,506	1/4	193	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,791	1/2	3,639	1/2	2,482	1/2	169	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,768	3/4	3,615	3/4	2,458	3/4	144	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

STRAPPED: 12/11/2013 SW
CALCULATED: 12/12/2013 CL
PRINTED: 12/16/2013 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2013

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



BARGE "GBL 4030"

STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0	4,744	0	3,591	0	2,434	0	1,277	0	120	0		0		0	
1/4	1/4	1/4	1/4	1/4	4,721	1/4	3,567	1/4	2,410	1/4	1,253	1/4	96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,697	1/2	3,543	1/2	2,386	1/2	1,229	1/2	72	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,673	3/4	3,518	3/4	2,362	3/4	1,205	3/4	48	3/4	3/4	3/4	3/4	3/4	3/4
1		1		1	4,650	1	3,494	1	2,338	1	1,181	1	24	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	4,626	1/4	3,470	1/4	2,313	1/4	1,157	1/4	0	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,602	1/2	3,446	1/2	2,289	1/2	1,133	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,578	3/4	3,422	3/4	2,265	3/4	1,108	3/4		3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	4,554	2	3,398	2	2,241	2	1,084	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	4,531	1/4	3,374	1/4	2,217	1/4	1,060	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,507	1/2	3,350	1/2	2,193	1/2	1,036	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,482	3/4	3,326	3/4	2,169	3/4	1,012	3/4		3/4	3/4	3/4	3/4	3/4	3/4
3		3		3	4,458	3	3,302	3	2,145	3	988	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	4,434	1/4	3,277	1/4	2,121	1/4	964	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,410	1/2	3,253	1/2	2,097	1/2	940	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,386	3/4	3,229	3/4	2,072	3/4	916	3/4		3/4	3/4	3/4	3/4	3/4	3/4
4		4		4	4,362	4	3,205	4	2,048	4	892	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	4,338	1/4	3,181	1/4	2,024	1/4	867	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,314	1/2	3,157	1/2	2,000	1/2	843	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,290	3/4	3,133	3/4	1,976	3/4	819	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5		5		5	4,266	5	3,109	5	1,952	5	795	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	4,241	1/4	3,085	1/4	1,928	1/4	771	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,217	1/2	3,061	1/2	1,904	1/2	747	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,193	3/4	3,036	3/4	1,880	3/4	723	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6		6		6	4,169	6	3,012	6	1,856	6	699	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	4,145	1/4	2,988	1/4	1,831	1/4	675	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,121	1/2	2,964	1/2	1,807	1/2	651	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,097	3/4	2,940	3/4	1,783	3/4	626	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7		7		7	4,073	7	2,916	7	1,759	7	602	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	4,049	1/4	2,892	1/4	1,735	1/4	578	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,025	1/2	2,868	1/2	1,711	1/2	554	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,194	3/4	4,000	3/4	2,844	3/4	530	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8		8		8	5,146	8	3,976	8	2,820	8	506	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	5,099	1/4	3,952	1/4	2,795	1/4	482	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	5,075	1/2	3,928	1/2	2,771	1/2	458	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	5,051	3/4	3,904	3/4	2,747	3/4	434	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9		9		9	5,028	9	3,880	9	2,723	9	410	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	5,004	1/4	3,856	1/4	2,699	1/4	385	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,980	1/2	3,832	1/2	2,675	1/2	361	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,957	3/4	3,808	3/4	2,651	3/4	337	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10		10		10	4,933	10	3,784	10	2,627	10	313	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	4,910	1/4	3,759	1/4	2,603	1/4	289	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,886	1/2	3,735	1/2	2,579	1/2	265	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,862	3/4	3,711	3/4	2,554	3/4	241	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11		11		11	4,839	11	3,687	11	2,530	11	217	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	4,815	1/4	3,663	1/4	2,506	1/4	193	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,791	1/2	3,639	1/2	2,482	1/2	169	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,768	3/4	3,615	3/4	2,458	3/4	144	3/4		3/4	3/4	3/4	3/4	3/4	3/4

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