



# BARGE "GBL 5430"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"  
 AFT DRAFT = 5'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 238'-06"

September 20, 2016

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

<http://www.pmacorp.net>



# BARGE "GBL 5430"

## 1 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	206,333	0	191,439	0	176,468	0	161,454	0	146,441	0	131,428	0	116,414	0	101,398
1/4	1/4	1/4	1/4	1/4	206,023	1/4	191,127	1/4	176,155	1/4	161,142	1/4	146,128	1/4	131,115	1/4	116,102	1/4	101,085
1/2	1/2	1/2	1/2	1/2	205,713	1/2	190,815	1/2	175,842	1/2	160,829	1/2	145,816	1/2	130,802	1/2	115,789	1/2	100,772
3/4	3/4	3/4	3/4	3/4	205,404	3/4	190,503	3/4	175,529	3/4	160,516	3/4	145,503	3/4	130,489	3/4	115,476	3/4	100,459
1		1		1	205,094	1	190,191	1	175,217	1	160,203	1	145,190	1	130,177	1	115,163	1	100,146
1/4	1/4	1/4	1/4	1/4	204,785	1/4	189,879	1/4	174,904	1/4	159,891	1/4	144,877	1/4	129,864	1/4	114,851	1/4	99,833
1/2	1/2	1/2	1/2	1/2	204,475	1/2	189,568	1/2	174,591	1/2	159,578	1/2	144,564	1/2	129,551	1/2	114,538	1/2	99,520
3/4	3/4	3/4	3/4	3/4	204,165	3/4	189,256	3/4	174,278	3/4	159,265	3/4	144,252	3/4	129,238	3/4	114,225	3/4	99,207
2		2		2	203,855	2	188,944	2	173,966	2	158,952	2	143,939	2	128,926	2	113,912	2	98,894
1/4	1/4	1/4	1/4	1/4	203,546	1/4	188,632	1/4	173,653	1/4	158,639	1/4	143,626	1/4	128,613	1/4	113,599	1/4	98,581
1/2	1/2	1/2	1/2	1/2	203,236	1/2	188,320	1/2	173,340	1/2	158,327	1/2	143,313	1/2	128,300	1/2	113,287	1/2	98,268
3/4	3/4	3/4	3/4	3/4	202,926	3/4	188,008	3/4	173,027	3/4	158,014	3/4	143,001	3/4	127,987	3/4	112,974	3/4	97,956
3		3		3	202,617	3	187,696	3	172,714	3	157,701	3	142,688	3	127,674	3	112,661	3	97,643
1/4	1/4	1/4	1/4	1/4	202,307	1/4	187,384	1/4	172,402	1/4	157,388	1/4	142,375	1/4	127,362	1/4	112,348	1/4	97,330
1/2	1/2	1/2	1/2	1/2	201,997	1/2	187,073	1/2	172,089	1/2	157,076	1/2	142,062	1/2	127,049	1/2	112,036	1/2	97,017
3/4	3/4	3/4	3/4	3/4	201,688	3/4	186,761	3/4	171,776	3/4	156,763	3/4	141,749	3/4	126,736	3/4	111,723	3/4	96,704
4		4		4	201,378	4	186,449	4	171,463	4	156,450	4	141,437	4	126,423	4	111,410	4	96,391
1/4	1/4	1/4	1/4	1/4	201,068	1/4	186,137	1/4	171,151	1/4	156,137	1/4	141,124	1/4	126,111	1/4	111,097	1/4	96,078
1/2	1/2	1/2	1/2	1/2	200,759	1/2	185,825	1/2	170,838	1/2	155,824	1/2	140,811	1/2	125,798	1/2	110,784	1/2	95,765
3/4	3/4	3/4	3/4	3/4	200,449	3/4	185,513	3/4	170,525	3/4	155,512	3/4	140,498	3/4	125,485	3/4	110,472	3/4	95,452
5		5		5	200,139	5	185,201	5	170,212	5	155,199	5	140,186	5	125,172	5	110,159	5	95,139
1/4	1/4	1/4	1/4	1/4	199,830	1/4	184,890	1/4	169,899	1/4	154,886	1/4	139,873	1/4	124,859	1/4	109,846	1/4	94,826
1/2	1/2	1/2	1/2	1/2	199,520	1/2	184,578	1/2	169,587	1/2	154,573	1/2	139,560	1/2	124,547	1/2	109,533	1/2	94,513
3/4	3/4	3/4	3/4	3/4	199,210	3/4	184,266	3/4	169,274	3/4	154,261	3/4	139,247	3/4	124,234	3/4	109,221	3/4	94,200
6		6		6	198,901	6	183,954	6	168,961	6	153,948	6	138,934	6	123,921	6	108,908	6	93,887
1/4	1/4	1/4	1/4	1/4	198,591	1/4	183,642	1/4	168,648	1/4	153,635	1/4	138,622	1/4	123,608	1/4	108,595	1/4	93,575
1/2	1/2	1/2	1/2	1/2	198,281	1/2	183,330	1/2	168,336	1/2	153,322	1/2	138,309	1/2	123,296	1/2	108,282	1/2	93,262
3/4	3/4	3/4	3/4	3/4	197,971	3/4	183,018	3/4	168,023	3/4	153,009	3/4	137,996	3/4	122,983	3/4	107,969	3/4	92,949
7		7		7	197,662	7	182,706	7	167,710	7	152,697	7	137,683	7	122,670	7	107,656	7	92,636
1/4	1/4	1/4	1/4	1/4	197,352	1/4	182,395	1/4	167,397	1/4	152,384	1/4	137,371	1/4	122,357	1/4	107,343	1/4	92,323
1/2	1/2	1/2	1/2	1/2	197,042	1/2	182,083	1/2	167,084	1/2	152,071	1/2	137,058	1/2	122,044	1/2	107,031	1/2	92,010
3/4	3/4	3/4	3/4	3/4	196,733	3/4	181,771	3/4	166,772	3/4	151,758	3/4	136,745	3/4	121,732	3/4	106,718	3/4	91,697
8		8	210,646	8	196,423	8	181,459	8	166,459	8	151,446	8	136,432	8	121,419	8	106,405	8	91,384
1/4	1/4	1/4	1/4	1/4	196,113	1/4	181,147	1/4	166,146	1/4	151,133	1/4	136,119	1/4	121,106	1/4	106,092	1/4	91,071
1/2	1/2	1/2	1/2	1/2	195,802	1/2	180,835	1/2	165,833	1/2	150,820	1/2	135,807	1/2	120,793	1/2	105,779	1/2	90,758
3/4	3/4	3/4	3/4	3/4	195,492	3/4	180,523	3/4	165,521	3/4	150,507	3/4	135,494	3/4	120,481	3/4	105,466	3/4	90,445
9		9	209,787	9	195,181	9	180,212	9	165,208	9	150,194	9	135,181	9	120,168	9	105,153	9	90,132
1/4	1/4	1/4	1/4	1/4	194,869	1/4	179,900	1/4	164,895	1/4	149,882	1/4	134,868	1/4	119,855	1/4	104,840	1/4	89,819
1/2	1/2	1/2	1/2	1/2	194,557	1/2	179,588	1/2	164,582	1/2	149,569	1/2	134,556	1/2	119,542	1/2	104,527	1/2	89,506
3/4	3/4	3/4	3/4	3/4	194,246	3/4	179,276	3/4	164,269	3/4	149,256	3/4	134,243	3/4	119,229	3/4	104,214	3/4	89,193
10		10	208,749	10	193,934	10	178,964	10	163,957	10	148,943	10	133,930	10	118,917	10	103,901	10	88,881
1/4	1/4	1/4	1/4	1/4	193,622	1/4	178,652	1/4	163,644	1/4	148,631	1/4	133,617	1/4	118,604	1/4	103,588	1/4	88,568
1/2	1/2	1/2	1/2	1/2	193,310	1/2	178,340	1/2	163,331	1/2	148,318	1/2	133,304	1/2	118,291	1/2	103,275	1/2	88,255
3/4	3/4	3/4	3/4	3/4	192,998	3/4	178,028	3/4	163,018	3/4	148,005	3/4	132,992	3/4	117,978	3/4	102,962	3/4	87,942
11		11	207,568	11	192,686	11	177,717	11	162,706	11	147,692	11	132,679	11	117,666	11	102,650	11	87,629
1/4	1/4	1/4	1/4	1/4	192,374	1/4	177,404	1/4	162,393	1/4	147,379	1/4	132,366	1/4	117,353	1/4	102,337	1/4	87,316
1/2	1/2	1/2	1/2	1/2	192,062	1/2	177,092	1/2	162,080	1/2	147,067	1/2	132,053	1/2	117,040	1/2	102,024	1/2	87,003
3/4	3/4	3/4	3/4	3/4	191,751	3/4	176,780	3/4	161,767	3/4	146,754	3/4	131,741	3/4	116,727	3/4	101,711	3/4	86,690

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'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

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## 1 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	86,377	0	71,367	0	56,357	0	41,337	0	26,317	0	11,755	0		0		0		0	
1/4	86,064	1/4	71,054	1/4	56,045	1/4	41,024	1/4	26,004	1/4	11,473	1/4		1/4		1/4		1/4	
1/2	85,751	1/2	70,742	1/2	55,732	1/2	40,711	1/2	25,691	1/2	11,191	1/2		1/2		1/2		1/2	
3/4	85,438	3/4	70,430	3/4	55,419	3/4	40,398	3/4	25,378	3/4	10,909	3/4		3/4		3/4		3/4	
1	85,125	1	70,117	1	55,106	1	40,086	1	25,065	1	10,626	1		1		1		1	
1/4	84,812	1/4	69,805	1/4	54,793	1/4	39,773	1/4	24,752	1/4	10,348	1/4		1/4		1/4		1/4	
1/2	84,500	1/2	69,493	1/2	54,480	1/2	39,460	1/2	24,439	1/2	10,069	1/2		1/2		1/2		1/2	
3/4	84,187	3/4	69,180	3/4	54,167	3/4	39,147	3/4	24,127	3/4	9,791	3/4		3/4		3/4		3/4	
2	83,874	2	68,868	2	53,854	2	38,834	2	23,814	2	9,512	2		2		2		2	
1/4	83,561	1/4	68,556	1/4	53,541	1/4	38,521	1/4	23,501	1/4	9,237	1/4		1/4		1/4		1/4	
1/2	83,248	1/2	68,243	1/2	53,228	1/2	38,208	1/2	23,188	1/2	8,963	1/2		1/2		1/2		1/2	
3/4	82,935	3/4	67,931	3/4	52,915	3/4	37,895	3/4	22,875	3/4	8,688	3/4		3/4		3/4		3/4	
3	82,622	3	67,619	3	52,602	3	37,582	3	22,562	3	8,413	3		3		3		3	
1/4	82,309	1/4	67,306	1/4	52,289	1/4	37,269	1/4	22,249	1/4	8,142	1/4		1/4		1/4		1/4	
1/2	81,996	1/2	66,994	1/2	51,977	1/2	36,956	1/2	21,937	1/2	7,870	1/2		1/2		1/2		1/2	
3/4	81,683	3/4	66,681	3/4	51,664	3/4	36,643	3/4	21,624	3/4	7,599	3/4		3/4		3/4		3/4	
4	81,370	4	66,369	4	51,351	4	36,330	4	21,312	4	7,328	4		4		4		4	
1/4	81,057	1/4	66,057	1/4	51,038	1/4	36,018	1/4	21,001	1/4	7,061	1/4		1/4		1/4		1/4	
1/2	80,744	1/2	65,744	1/2	50,725	1/2	35,705	1/2	20,690	1/2	6,793	1/2		1/2		1/2		1/2	
3/4	80,431	3/4	65,431	3/4	50,412	3/4	35,392	3/4	20,379	3/4	6,525	3/4		3/4		3/4		3/4	
5	80,119	5	65,119	5	50,099	5	35,079	5	20,068	5	6,258	5		5		5		5	
1/4	79,806	1/4	64,806	1/4	49,786	1/4	34,766	1/4	19,760	1/4	5,994	1/4		1/4		1/4		1/4	
1/2	79,493	1/2	64,493	1/2	49,473	1/2	34,453	1/2	19,452	1/2	5,730	1/2		1/2		1/2		1/2	
3/4	79,180	3/4	64,180	3/4	49,160	3/4	34,140	3/4	19,144	3/4	5,466	3/4		3/4		3/4		3/4	
6	78,867	6	63,868	6	48,847	6	33,827	6	18,836	6	5,202	6		6		6		6	
1/4	78,554	1/4	63,555	1/4	48,534	1/4	33,514	1/4	18,532	1/4	4,942	1/4		1/4		1/4		1/4	
1/2	78,241	1/2	63,242	1/2	48,221	1/2	33,201	1/2	18,228	1/2	4,682	1/2		1/2		1/2		1/2	
3/4	77,928	3/4	62,929	3/4	47,909	3/4	32,888	3/4	17,924	3/4	4,422	3/4		3/4		3/4		3/4	
7	77,615	7	62,616	7	47,596	7	32,575	7	17,619	7	4,162	7		7		7		7	
1/4	77,303	1/4	62,303	1/4	47,283	1/4	32,262	1/4	17,319	1/4	3,905	1/4		1/4		1/4		1/4	
1/2	76,990	1/2	61,990	1/2	46,970	1/2	31,950	1/2	17,018	1/2	3,649	1/2		1/2		1/2		1/2	
3/4	76,677	3/4	61,677	3/4	46,657	3/4	31,637	3/4	16,718	3/4	3,393	3/4		3/4		3/4		3/4	
8	76,365	8	61,364	8	46,344	8	31,324	8	16,417	8	3,137	8		8		8		8	
1/4	76,052	1/4	61,051	1/4	46,031	1/4	31,011	1/4	16,120	1/4	2,885	1/4		1/4		1/4		1/4	
1/2	75,740	1/2	60,738	1/2	45,718	1/2	30,698	1/2	15,823	1/2	2,633	1/2		1/2		1/2		1/2	
3/4	75,427	3/4	60,425	3/4	45,405	3/4	30,385	3/4	15,527	3/4	2,381	3/4		3/4		3/4		3/4	
9	75,115	9	60,113	9	45,092	9	30,072	9	15,230	9	2,129	9		9		9		9	
1/4	74,803	1/4	59,800	1/4	44,779	1/4	29,759	1/4	14,936	1/4	1,900	1/4		1/4		1/4		1/4	
1/2	74,490	1/2	59,487	1/2	44,466	1/2	29,446	1/2	14,643	1/2	1,671	1/2		1/2		1/2		1/2	
3/4	74,178	3/4	59,174	3/4	44,154	3/4	29,133	3/4	14,350	3/4	1,443	3/4		3/4		3/4		3/4	
10	73,866	10	58,861	10	43,841	10	28,820	10	14,057	10	1,214	10		10		10		10	
1/4	73,553	1/4	58,548	1/4	43,528	1/4	28,507	1/4	13,767	1/4	1,046	1/4		1/4		1/4		1/4	
1/2	73,241	1/2	58,235	1/2	43,215	1/2	28,195	1/2	13,478	1/2	879	1/2		1/2		1/2		1/2	
3/4	72,929	3/4	57,922	3/4	42,902	3/4	27,882	3/4	13,188	3/4	711	3/4		3/4		3/4		3/4	
11	72,616	11	57,609	11	42,589	11	27,569	11	12,899	11	543	11		11		11		11	
1/4	72,304	1/4	57,296	1/4	42,276	1/4	27,256	1/4	12,613	1/4		1/4		1/4		1/4		1/4	
1/2	71,992	1/2	56,983	1/2	41,963	1/2	26,943	1/2	12,327	1/2		1/2		1/2		1/2		1/2	
3/4	71,679	3/4	56,670	3/4	41,650	3/4	26,630	3/4	12,041	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 9/20/2016 SW  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "GBL 5430"

## 1 STBD 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	206,328	0	191,429	0	176,452	0	161,434	0	146,415	0	131,396	0	116,377	0	101,355
1/4	1/4		1/4		206,018	1/4	191,117	1/4	176,139	1/4	161,121	1/4	146,102	1/4	131,083	1/4	116,064	1/4	101,042
1/2	1/2		1/2		205,709	1/2	190,805	1/2	175,827	1/2	160,808	1/2	145,789	1/2	130,770	1/2	115,751	1/2	100,729
3/4	3/4		3/4		205,399	3/4	190,493	3/4	175,514	3/4	160,495	3/4	145,476	3/4	130,457	3/4	115,438	3/4	100,416
1		1		1	205,089	1	190,181	1	175,201	1	160,182	1	145,163	1	130,144	1	115,126	1	100,103
1/4	1/4		1/4		204,779	1/4	189,869	1/4	174,888	1/4	159,869	1/4	144,850	1/4	129,831	1/4	114,813	1/4	99,790
1/2	1/2		1/2		204,470	1/2	189,557	1/2	174,575	1/2	159,556	1/2	144,537	1/2	129,519	1/2	114,500	1/2	99,477
3/4	3/4		3/4		204,160	3/4	189,245	3/4	174,262	3/4	159,243	3/4	144,224	3/4	129,206	3/4	114,187	3/4	99,164
2		2		2	203,850	2	188,933	2	173,949	2	158,930	2	143,912	2	128,893	2	113,874	2	98,851
1/4	1/4		1/4		203,540	1/4	188,621	1/4	173,636	1/4	158,617	1/4	143,599	1/4	128,580	1/4	113,561	1/4	98,538
1/2	1/2		1/2		203,230	1/2	188,309	1/2	173,323	1/2	158,305	1/2	143,286	1/2	128,267	1/2	113,248	1/2	98,225
3/4	3/4		3/4		202,921	3/4	187,997	3/4	173,011	3/4	157,992	3/4	142,973	3/4	127,954	3/4	112,935	3/4	97,911
3		3		3	202,611	3	187,685	3	172,698	3	157,679	3	142,660	3	127,641	3	112,622	3	97,598
1/4	1/4		1/4		202,301	1/4	187,373	1/4	172,385	1/4	157,366	1/4	142,347	1/4	127,328	1/4	112,309	1/4	97,285
1/2	1/2		1/2		201,991	1/2	187,061	1/2	172,072	1/2	157,053	1/2	142,034	1/2	127,015	1/2	111,997	1/2	96,972
3/4	3/4		3/4		201,681	3/4	186,749	3/4	171,759	3/4	156,740	3/4	141,721	3/4	126,703	3/4	111,684	3/4	96,659
4		4		4	201,372	4	186,437	4	171,446	4	156,427	4	141,408	4	126,390	4	111,371	4	96,346
1/4	1/4		1/4		201,062	1/4	186,125	1/4	171,133	1/4	156,114	1/4	141,096	1/4	126,077	1/4	111,058	1/4	96,033
1/2	1/2		1/2		200,752	1/2	185,813	1/2	170,820	1/2	155,801	1/2	140,783	1/2	125,764	1/2	110,745	1/2	95,720
3/4	3/4		3/4		200,442	3/4	185,501	3/4	170,507	3/4	155,489	3/4	140,470	3/4	125,451	3/4	110,432	3/4	95,407
5		5		5	200,132	5	185,189	5	170,195	5	155,176	5	140,157	5	125,138	5	110,119	5	95,094
1/4	1/4		1/4		199,823	1/4	184,877	1/4	169,882	1/4	154,863	1/4	139,844	1/4	124,825	1/4	109,806	1/4	94,781
1/2	1/2		1/2		199,513	1/2	184,565	1/2	169,569	1/2	154,550	1/2	139,531	1/2	124,512	1/2	109,493	1/2	94,468
3/4	3/4		3/4		199,203	3/4	184,253	3/4	169,256	3/4	154,237	3/4	139,218	3/4	124,199	3/4	109,181	3/4	94,155
6		6		6	198,893	6	183,941	6	168,943	6	153,924	6	138,905	6	123,886	6	108,868	6	93,842
1/4	1/4		1/4		198,583	1/4	183,629	1/4	168,630	1/4	153,611	1/4	138,592	1/4	123,574	1/4	108,555	1/4	93,529
1/2	1/2		1/2		198,274	1/2	183,317	1/2	168,317	1/2	153,298	1/2	138,280	1/2	123,261	1/2	108,242	1/2	93,216
3/4	3/4		3/4		197,964	3/4	183,005	3/4	168,004	3/4	152,985	3/4	137,967	3/4	122,948	3/4	107,929	3/4	92,903
7		7		7	197,654	7	182,693	7	167,691	7	152,673	7	137,654	7	122,635	7	107,616	7	92,590
1/4	1/4		1/4		197,344	1/4	182,381	1/4	167,378	1/4	152,360	1/4	137,341	1/4	122,322	1/4	107,303	1/4	92,277
1/2	1/2		1/2		197,034	1/2	182,069	1/2	167,066	1/2	152,047	1/2	137,028	1/2	122,009	1/2	106,990	1/2	91,964
3/4	3/4		3/4		196,725	3/4	181,757	3/4	166,753	3/4	151,734	3/4	136,715	3/4	121,696	3/4	106,677	3/4	91,651
8		8	210,643	8	196,415	8	181,445	8	166,440	8	151,421	8	136,402	8	121,383	8	106,364	8	91,338
1/4	1/4		1/4		196,104	1/4	181,133	1/4	166,127	1/4	151,108	1/4	136,089	1/4	121,070	1/4	106,051	1/4	91,025
1/2	1/2		1/2		195,794	1/2	180,821	1/2	165,814	1/2	150,795	1/2	135,776	1/2	120,758	1/2	105,738	1/2	90,711
3/4	3/4		3/4		195,483	3/4	180,509	3/4	165,501	3/4	150,482	3/4	135,463	3/4	120,445	3/4	105,425	3/4	90,398
9		9	209,783	9	195,172	9	180,197	9	165,188	9	150,169	9	135,151	9	120,132	9	105,112	9	90,085
1/4	1/4		1/4		194,860	1/4	179,885	1/4	164,875	1/4	149,857	1/4	134,838	1/4	119,819	1/4	104,798	1/4	89,772
1/2	1/2		1/2		194,548	1/2	179,574	1/2	164,562	1/2	149,544	1/2	134,525	1/2	119,506	1/2	104,485	1/2	89,459
3/4	3/4		3/4		194,237	3/4	179,262	3/4	164,250	3/4	149,231	3/4	134,212	3/4	119,193	3/4	104,172	3/4	89,146
10		10	208,745	10	193,925	10	178,950	10	163,937	10	148,918	10	133,899	10	118,880	10	103,859	10	88,833
1/4	1/4		1/4		193,613	1/4	178,638	1/4	163,624	1/4	148,605	1/4	133,586	1/4	118,567	1/4	103,546	1/4	88,520
1/2	1/2		1/2		193,301	1/2	178,326	1/2	163,311	1/2	148,292	1/2	133,273	1/2	118,254	1/2	103,233	1/2	88,207
3/4	3/4		3/4		192,989	3/4	178,014	3/4	162,998	3/4	147,979	3/4	132,960	3/4	117,942	3/4	102,920	3/4	87,894
11		11	207,563	11	192,677	11	177,702	11	162,685	11	147,666	11	132,647	11	117,629	11	102,607	11	87,581
1/4	1/4		1/4		192,365	1/4	177,389	1/4	162,372	1/4	147,353	1/4	132,335	1/4	117,316	1/4	102,294	1/4	87,268
1/2	1/2		1/2		192,053	1/2	177,077	1/2	162,059	1/2	147,040	1/2	132,022	1/2	117,003	1/2	101,981	1/2	86,955
3/4	3/4		3/4		191,741	3/4	176,765	3/4	161,746	3/4	146,728	3/4	131,709	3/4	116,690	3/4	101,668	3/4	86,642

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'-06" 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 5430"

## 1 STBD 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	86,329	0	71,350	0	56,378	0	41,352	0	26,326	0	11,759	0		0		0		0	
1/4	86,016	1/4	71,039	1/4	56,065	1/4	41,039	1/4	26,013	1/4	11,477	1/4		1/4		1/4		1/4	
1/2	85,703	1/2	70,728	1/2	55,752	1/2	40,726	1/2	25,700	1/2	11,195	1/2		1/2		1/2		1/2	
3/4	85,390	3/4	70,418	3/4	55,439	3/4	40,413	3/4	25,387	3/4	10,912	3/4		3/4		3/4		3/4	
1	85,077	1	70,107	1	55,126	1	40,100	1	25,074	1	10,630	1		1		1		1	
1/4	84,764	1/4	69,796	1/4	54,813	1/4	39,787	1/4	24,761	1/4	10,351	1/4		1/4		1/4		1/4	
1/2	84,451	1/2	69,486	1/2	54,500	1/2	39,474	1/2	24,448	1/2	10,073	1/2		1/2		1/2		1/2	
3/4	84,138	3/4	69,175	3/4	54,186	3/4	39,161	3/4	24,135	3/4	9,794	3/4		3/4		3/4		3/4	
2	83,824	2	68,864	2	53,873	2	38,848	2	23,822	2	9,516	2		2		2		2	
1/4	83,511	1/4	68,554	1/4	53,560	1/4	38,535	1/4	23,509	1/4	9,241	1/4		1/4		1/4		1/4	
1/2	83,198	1/2	68,243	1/2	53,247	1/2	38,222	1/2	23,196	1/2	8,966	1/2		1/2		1/2		1/2	
3/4	82,885	3/4	67,932	3/4	52,934	3/4	37,909	3/4	22,883	3/4	8,691	3/4		3/4		3/4		3/4	
3	82,572	3	67,622	3	52,621	3	37,596	3	22,570	3	8,416	3		3		3		3	
1/4	82,259	1/4	67,311	1/4	52,308	1/4	37,283	1/4	22,257	1/4	8,144	1/4		1/4		1/4		1/4	
1/2	81,946	1/2	67,000	1/2	51,995	1/2	36,970	1/2	21,944	1/2	7,873	1/2		1/2		1/2		1/2	
3/4	81,633	3/4	66,690	3/4	51,682	3/4	36,656	3/4	21,632	3/4	7,602	3/4		3/4		3/4		3/4	
4	81,320	4	66,379	4	51,369	4	36,343	4	21,319	4	7,330	4		4		4		4	
1/4	81,007	1/4	66,068	1/4	51,056	1/4	36,030	1/4	21,008	1/4	7,063	1/4		1/4		1/4		1/4	
1/2	80,694	1/2	65,756	1/2	50,743	1/2	35,717	1/2	20,697	1/2	6,795	1/2		1/2		1/2		1/2	
3/4	80,381	3/4	65,445	3/4	50,430	3/4	35,404	3/4	20,386	3/4	6,528	3/4		3/4		3/4		3/4	
5	80,068	5	65,134	5	50,117	5	35,091	5	20,075	5	6,260	5		5		5		5	
1/4	79,755	1/4	64,822	1/4	49,804	1/4	34,778	1/4	19,767	1/4	5,996	1/4		1/4		1/4		1/4	
1/2	79,442	1/2	64,510	1/2	49,491	1/2	34,465	1/2	19,459	1/2	5,732	1/2		1/2		1/2		1/2	
3/4	79,129	3/4	64,198	3/4	49,178	3/4	34,152	3/4	19,151	3/4	5,468	3/4		3/4		3/4		3/4	
6	78,816	6	63,886	6	48,865	6	33,839	6	18,843	6	5,204	6		6		6		6	
1/4	78,503	1/4	63,574	1/4	48,552	1/4	33,526	1/4	18,538	1/4	4,944	1/4		1/4		1/4		1/4	
1/2	78,191	1/2	63,262	1/2	48,239	1/2	33,213	1/2	18,234	1/2	4,684	1/2		1/2		1/2		1/2	
3/4	77,878	3/4	62,949	3/4	47,926	3/4	32,900	3/4	17,930	3/4	4,423	3/4		3/4		3/4		3/4	
7	77,566	7	62,637	7	47,613	7	32,587	7	17,626	7	4,163	7		7		7		7	
1/4	77,255	1/4	62,324	1/4	47,300	1/4	32,274	1/4	17,325	1/4	3,907	1/4		1/4		1/4		1/4	
1/2	76,943	1/2	62,012	1/2	46,987	1/2	31,961	1/2	17,024	1/2	3,650	1/2		1/2		1/2		1/2	
3/4	76,632	3/4	61,699	3/4	46,674	3/4	31,648	3/4	16,724	3/4	3,394	3/4		3/4		3/4		3/4	
8	76,321	8	61,386	8	46,361	8	31,335	8	16,423	8	3,137	8		8		8		8	
1/4	76,010	1/4	61,073	1/4	46,048	1/4	31,022	1/4	16,126	1/4	2,885	1/4		1/4		1/4		1/4	
1/2	75,699	1/2	60,760	1/2	45,735	1/2	30,709	1/2	15,829	1/2	2,633	1/2		1/2		1/2		1/2	
3/4	75,389	3/4	60,447	3/4	45,421	3/4	30,396	3/4	15,532	3/4	2,381	3/4		3/4		3/4		3/4	
9	75,078	9	60,134	9	45,108	9	30,083	9	15,235	9	2,129	9		9		9		9	
1/4	74,767	1/4	59,821	1/4	44,795	1/4	29,770	1/4	14,942	1/4	1,900	1/4		1/4		1/4		1/4	
1/2	74,456	1/2	59,508	1/2	44,482	1/2	29,457	1/2	14,648	1/2	1,672	1/2		1/2		1/2		1/2	
3/4	74,146	3/4	59,195	3/4	44,169	3/4	29,144	3/4	14,355	3/4	1,443	3/4		3/4		3/4		3/4	
10	73,835	10	58,882	10	43,856	10	28,831	10	14,062	10	1,214	10		10		10		10	
1/4	73,524	1/4	58,569	1/4	43,543	1/4	28,518	1/4	13,772	1/4	1,046	1/4		1/4		1/4		1/4	
1/2	73,214	1/2	58,256	1/2	43,230	1/2	28,205	1/2	13,482	1/2	879	1/2		1/2		1/2		1/2	
3/4	72,903	3/4	57,943	3/4	42,917	3/4	27,891	3/4	13,193	3/4	711	3/4		3/4		3/4		3/4	
11	72,592	11	57,630	11	42,604	11	27,578	11	12,903	11	544	11		11		11		11	
1/4	72,282	1/4	57,317	1/4	42,291	1/4	27,265	1/4	12,617	1/4		1/4		1/4		1/4		1/4	
1/2	71,971	1/2	57,004	1/2	41,978	1/2	26,952	1/2	12,331	1/2		1/2		1/2		1/2		1/2	
3/4	71,660	3/4	56,691	3/4	41,665	3/4	26,639	3/4	12,045	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 9/20/2016 SW  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2016

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



# BARGE "GBL 5430"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	210,337	0	195,396	0	180,373	0	165,308	0	150,242	0	135,176	0	120,109	0	105,040
1/4	1/4	1/4	1/4	1/4	210,027	1/4	195,083	1/4	180,060	1/4	164,994	1/4	149,928	1/4	134,862	1/4	119,795	1/4	104,726
1/2	1/2	1/2	1/2	1/2	209,717	1/2	194,771	1/2	179,747	1/2	164,680	1/2	149,614	1/2	134,548	1/2	119,482	1/2	104,412
3/4	3/4	3/4	3/4	3/4	209,407	3/4	194,458	3/4	179,433	3/4	164,366	3/4	149,300	3/4	134,234	3/4	119,168	3/4	104,098
1		1		1	209,096	1	194,145	1	179,119	1	164,053	1	148,986	1	133,920	1	118,854	1	103,784
1/4	1/4	1/4	1/4	1/4	208,785	1/4	193,832	1/4	178,805	1/4	163,739	1/4	148,672	1/4	133,606	1/4	118,540	1/4	103,470
1/2	1/2	1/2	1/2	1/2	208,475	1/2	193,519	1/2	178,491	1/2	163,425	1/2	148,359	1/2	133,292	1/2	118,226	1/2	103,156
3/4	3/4	3/4	3/4	3/4	208,164	3/4	193,206	3/4	178,177	3/4	163,111	3/4	148,045	3/4	132,978	3/4	117,912	3/4	102,842
2		2		2	207,853	2	192,893	2	177,863	2	162,797	2	147,731	2	132,665	2	117,598	2	102,528
1/4	1/4	1/4	1/4	1/4	207,542	1/4	192,580	1/4	177,549	1/4	162,483	1/4	147,417	1/4	132,351	1/4	117,284	1/4	102,214
1/2	1/2	1/2	1/2	1/2	207,231	1/2	192,267	1/2	177,236	1/2	162,169	1/2	147,103	1/2	132,037	1/2	117,971	1/2	101,900
3/4	3/4	3/4	3/4	3/4	206,920	3/4	191,954	3/4	176,922	3/4	161,855	3/4	146,789	3/4	131,723	3/4	116,657	3/4	101,586
3		3		3	206,610	3	191,641	3	176,608	3	161,542	3	146,475	3	131,409	3	116,343	3	101,272
1/4	1/4	1/4	1/4	1/4	206,299	1/4	191,328	1/4	176,294	1/4	161,228	1/4	146,161	1/4	131,095	1/4	116,029	1/4	100,958
1/2	1/2	1/2	1/2	1/2	205,988	1/2	191,015	1/2	175,980	1/2	160,914	1/2	145,848	1/2	130,781	1/2	115,715	1/2	100,644
3/4	3/4	3/4	3/4	3/4	205,677	3/4	190,702	3/4	175,666	3/4	160,600	3/4	145,534	3/4	130,467	3/4	115,401	3/4	100,330
4		4		4	205,367	4	190,389	4	175,352	4	160,286	4	145,220	4	130,154	4	115,087	4	100,016
1/4	1/4	1/4	1/4	1/4	205,056	1/4	190,076	1/4	175,038	1/4	159,972	1/4	144,906	1/4	129,840	1/4	114,773	1/4	99,702
1/2	1/2	1/2	1/2	1/2	204,745	1/2	189,763	1/2	174,725	1/2	159,658	1/2	144,592	1/2	129,526	1/2	114,459	1/2	99,387
3/4	3/4	3/4	3/4	3/4	204,434	3/4	189,450	3/4	174,411	3/4	159,344	3/4	144,278	3/4	129,212	3/4	114,146	3/4	99,073
5		5		5	204,123	5	189,137	5	174,097	5	159,031	5	143,964	5	128,898	5	113,832	5	98,759
1/4	1/4	1/4	1/4	1/4	203,813	1/4	188,824	1/4	173,783	1/4	158,717	1/4	143,650	1/4	128,584	1/4	113,518	1/4	98,445
1/2	1/2	1/2	1/2	1/2	203,502	1/2	188,511	1/2	173,469	1/2	158,403	1/2	143,336	1/2	128,270	1/2	113,204	1/2	98,131
3/4	3/4	3/4	3/4	3/4	203,191	3/4	188,198	3/4	173,155	3/4	158,089	3/4	143,023	3/4	127,956	3/4	112,890	3/4	97,817
6		6		6	202,880	6	187,885	6	172,841	6	157,775	6	142,709	6	127,642	6	112,576	6	97,503
1/4	1/4	1/4	1/4	1/4	202,570	1/4	187,572	1/4	172,527	1/4	157,461	1/4	142,395	1/4	127,329	1/4	112,262	1/4	97,189
1/2	1/2	1/2	1/2	1/2	202,259	1/2	187,259	1/2	172,214	1/2	157,147	1/2	142,081	1/2	127,015	1/2	111,948	1/2	96,875
3/4	3/4	3/4	3/4	3/4	201,948	3/4	186,946	3/4	171,900	3/4	156,833	3/4	141,767	3/4	126,701	3/4	111,634	3/4	96,561
7		7		7	201,637	7	186,633	7	171,586	7	156,519	7	141,453	7	126,387	7	111,321	7	96,247
1/4	1/4	1/4	1/4	1/4	201,326	1/4	186,320	1/4	171,272	1/4	156,206	1/4	141,139	1/4	126,073	1/4	111,007	1/4	95,933
1/2	1/2	1/2	1/2	1/2	201,016	1/2	186,007	1/2	170,958	1/2	155,892	1/2	140,825	1/2	125,759	1/2	110,693	1/2	95,619
3/4	3/4	3/4	3/4	3/4	200,705	3/4	185,694	3/4	170,644	3/4	155,578	3/4	140,512	3/4	125,445	3/4	110,379	3/4	95,305
8		8		8	200,394	8	185,381	8	170,330	8	155,264	8	140,198	8	125,131	8	110,065	8	94,991
1/4	1/4	1/4	1/4	1/4	200,083	1/4	185,068	1/4	170,016	1/4	154,950	1/4	139,884	1/4	124,818	1/4	109,751	1/4	94,677
1/2	1/2	1/2	1/2	1/2	214,046	1/2	199,773	1/2	184,756	1/2	169,702	1/2	154,636	1/2	139,570	1/2	124,504	1/2	109,437
3/4	3/4	3/4	3/4	3/4	213,830	3/4	199,461	3/4	184,443	3/4	169,389	3/4	154,322	3/4	139,256	3/4	124,190	3/4	109,123
9		9		9	213,615	9	199,149	9	184,130	9	169,075	9	154,008	9	138,942	9	123,876	9	108,808
1/4	1/4	1/4	1/4	1/4	213,399	1/4	198,838	1/4	183,817	1/4	168,761	1/4	153,695	1/4	138,628	1/4	123,562	1/4	108,494
1/2	1/2	1/2	1/2	1/2	213,184	1/2	198,526	1/2	183,504	1/2	168,447	1/2	153,381	1/2	138,314	1/2	123,248	1/2	108,180
3/4	3/4	3/4	3/4	3/4	212,923	3/4	198,213	3/4	183,191	3/4	168,133	3/4	153,067	3/4	138,001	3/4	122,934	3/4	107,866
10		10		10	212,663	10	197,900	10	182,878	10	167,819	10	152,753	10	137,687	10	122,620	10	107,552
1/4	1/4	1/4	1/4	1/4	212,402	1/4	197,587	1/4	182,565	1/4	167,505	1/4	152,439	1/4	137,373	1/4	122,306	1/4	107,238
1/2	1/2	1/2	1/2	1/2	212,142	1/2	197,274	1/2	182,252	1/2	167,191	1/2	152,125	1/2	137,059	1/2	121,993	1/2	106,924
3/4	3/4	3/4	3/4	3/4	211,846	3/4	196,961	3/4	181,939	3/4	166,878	3/4	151,811	3/4	136,745	3/4	121,679	3/4	106,610
11		11		11	211,549	11	196,648	11	181,626	11	166,564	11	151,497	11	136,431	11	121,365	11	106,296
1/4	1/4	1/4	1/4	1/4	211,253	1/4	196,335	1/4	181,313	1/4	166,250	1/4	151,184	1/4	136,117	1/4	121,051	1/4	105,982
1/2	1/2	1/2	1/2	1/2	210,957	1/2	196,022	1/2	181,000	1/2	165,936	1/2	150,870	1/2	135,803	1/2	120,737	1/2	105,668
3/4	3/4	3/4	3/4	3/4	210,647	3/4	195,709	3/4	180,687	3/4	165,622	3/4	150,556	3/4	135,489	3/4	120,423	3/4	105,354

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'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "GBL 5430"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-11 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	89,967	0	74,893	0	59,819	0	44,754	0	29,695	0	14,622	0		0		0		0	
1/4	89,652	1/4	74,579	1/4	59,505	1/4	44,441	1/4	29,381	1/4	14,308	1/4		1/4		1/4		1/4	
1/2	89,338	1/2	74,265	1/2	59,191	1/2	44,127	1/2	29,067	1/2	13,994	1/2		1/2		1/2		1/2	
3/4	89,024	3/4	73,951	3/4	58,877	3/4	43,814	3/4	28,753	3/4	13,680	3/4		3/4		3/4		3/4	
1	88,710	1	73,637	1	58,563	1	43,501	1	28,439	1	13,366	1		1		1		1	
1/4	88,396	1/4	73,323	1/4	58,249	1/4	43,187	1/4	28,125	1/4	13,052	1/4		1/4		1/4		1/4	
1/2	88,082	1/2	73,009	1/2	57,935	1/2	42,874	1/2	27,811	1/2	12,738	1/2		1/2		1/2		1/2	
3/4	87,768	3/4	72,695	3/4	57,621	3/4	42,560	3/4	27,497	3/4	12,424	3/4		3/4		3/4		3/4	
2	87,454	2	72,381	2	57,307	2	42,247	2	27,183	2	12,110	2		2		2		2	
1/4	87,140	1/4	72,067	1/4	56,993	1/4	41,933	1/4	26,869	1/4	11,796	1/4		1/4		1/4		1/4	
1/2	86,826	1/2	71,753	1/2	56,679	1/2	41,620	1/2	26,555	1/2	11,481	1/2		1/2		1/2		1/2	
3/4	86,512	3/4	71,439	3/4	56,365	3/4	41,306	3/4	26,241	3/4	11,167	3/4		3/4		3/4		3/4	
3	86,198	3	71,125	3	56,051	3	40,993	3	25,927	3	10,853	3		3		3		3	
1/4	85,884	1/4	70,810	1/4	55,737	1/4	40,680	1/4	25,613	1/4	10,539	1/4		1/4		1/4		1/4	
1/2	85,570	1/2	70,496	1/2	55,423	1/2	40,366	1/2	25,299	1/2	10,225	1/2		1/2		1/2		1/2	
3/4	85,256	3/4	70,182	3/4	55,109	3/4	40,053	3/4	24,985	3/4	9,911	3/4		3/4		3/4		3/4	
4	84,942	4	69,868	4	54,795	4	39,739	4	24,671	4	9,597	4		4		4		4	
1/4	84,628	1/4	69,554	1/4	54,481	1/4	39,426	1/4	24,356	1/4	9,283	1/4		1/4		1/4		1/4	
1/2	84,314	1/2	69,240	1/2	54,167	1/2	39,112	1/2	24,042	1/2	8,969	1/2		1/2		1/2		1/2	
3/4	84,000	3/4	68,926	3/4	53,853	3/4	38,799	3/4	23,728	3/4	8,655	3/4		3/4		3/4		3/4	
5	83,686	5	68,612	5	53,539	5	38,485	5	23,414	5	8,341	5		5		5		5	
1/4	83,372	1/4	68,298	1/4	53,225	1/4	38,172	1/4	23,100	1/4	8,027	1/4		1/4		1/4		1/4	
1/2	83,058	1/2	67,984	1/2	52,911	1/2	37,858	1/2	22,786	1/2	7,713	1/2		1/2		1/2		1/2	
3/4	82,744	3/4	67,670	3/4	52,597	3/4	37,545	3/4	22,472	3/4	7,399	3/4		3/4		3/4		3/4	
6	82,430	6	67,356	6	52,283	6	37,231	6	22,158	6	7,085	6		6		6		6	
1/4	82,116	1/4	67,042	1/4	51,968	1/4	36,917	1/4	21,844	1/4	6,771	1/4		1/4		1/4		1/4	
1/2	81,802	1/2	66,728	1/2	51,654	1/2	36,603	1/2	21,530	1/2	6,457	1/2		1/2		1/2		1/2	
3/4	81,488	3/4	66,414	3/4	51,340	3/4	36,289	3/4	21,216	3/4	6,143	3/4		3/4		3/4		3/4	
7	81,174	7	66,100	7	51,026	7	35,975	7	20,902	7	5,829	7		7		7		7	
1/4	80,860	1/4	65,786	1/4	50,712	1/4	35,661	1/4	20,588	1/4	5,515	1/4		1/4		1/4		1/4	
1/2	80,546	1/2	65,472	1/2	50,398	1/2	35,347	1/2	20,274	1/2	5,201	1/2		1/2		1/2		1/2	
3/4	80,231	3/4	65,158	3/4	50,084	3/4	35,033	3/4	19,960	3/4	4,887	3/4		3/4		3/4		3/4	
8	79,917	8	64,844	8	49,771	8	34,719	8	19,646	8	4,573	8		8		8		8	
1/4	79,603	1/4	64,530	1/4	49,457	1/4	34,405	1/4	19,332	1/4	4,260	1/4		1/4		1/4		1/4	
1/2	79,289	1/2	64,216	1/2	49,143	1/2	34,091	1/2	19,018	1/2	3,946	1/2		1/2		1/2		1/2	
3/4	78,975	3/4	63,902	3/4	48,829	3/4	33,777	3/4	18,704	3/4	3,633	3/4		3/4		3/4		3/4	
9	78,661	9	63,588	9	48,516	9	33,463	9	18,390	9	3,320	9		9		9		9	
1/4	78,347	1/4	63,274	1/4	48,202	1/4	33,149	1/4	18,076	1/4	3,006	1/4		1/4		1/4		1/4	
1/2	78,033	1/2	62,960	1/2	47,889	1/2	32,835	1/2	17,762	1/2	2,693	1/2		1/2		1/2		1/2	
3/4	77,719	3/4	62,646	3/4	47,575	3/4	32,521	3/4	17,448	3/4	2,400	3/4		3/4		3/4		3/4	
10	77,405	10	62,332	10	47,262	10	32,207	10	17,134	10	2,106	10		10		10		10	
1/4	77,091	1/4	62,018	1/4	46,948	1/4	31,893	1/4	16,820	1/4	1,813	1/4		1/4		1/4		1/4	
1/2	76,777	1/2	61,704	1/2	46,635	1/2	31,579	1/2	16,506	1/2	1,520	1/2		1/2		1/2		1/2	
3/4	76,463	3/4	61,389	3/4	46,321	3/4	31,265	3/4	16,192	3/4	1,297	3/4		3/4		3/4		3/4	
11	76,149	11	61,075	11	46,008	11	30,951	11	15,878	11	1,075	11		11		11		11	
1/4	75,835	1/4	60,761	1/4	45,695	1/4	30,637	1/4	15,564	1/4	852	1/4		1/4		1/4		1/4	
1/2	75,521	1/2	60,447	1/2	45,381	1/2	30,323	1/2	15,250	1/2	630	1/2		1/2		1/2		1/2	
3/4	75,207	3/4	60,133	3/4	45,068	3/4	30,009	3/4	14,936	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 9/20/2016 SW  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2016

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "GBL 5430"

## 2 STBD 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	209,444	0	194,476	0	179,431	0	164,343	0	149,256	0	134,168	0	119,081	0	103,990
1/4	1/4		1/4		209,133	1/4	194,163	1/4	179,117	1/4	164,029	1/4	148,942	1/4	133,854	1/4	118,766	1/4	103,675
1/2	1/2		1/2		208,822	1/2	193,849	1/2	178,802	1/2	163,715	1/2	148,627	1/2	133,540	1/2	118,452	1/2	103,361
3/4	3/4		3/4		208,511	3/4	193,536	3/4	178,488	3/4	163,401	3/4	148,313	3/4	133,225	3/4	118,138	3/4	103,046
1		1		1	208,200	1	193,223	1	178,174	1	163,086	1	147,999	1	132,911	1	117,823	1	102,732
1/4	1/4		1/4		207,888	1/4	192,909	1/4	177,859	1/4	162,772	1/4	147,684	1/4	132,597	1/4	117,509	1/4	102,417
1/2	1/2		1/2		207,577	1/2	192,596	1/2	177,545	1/2	162,458	1/2	147,370	1/2	132,282	1/2	117,195	1/2	102,103
3/4	3/4		3/4		207,266	3/4	192,282	3/4	177,231	3/4	162,143	3/4	147,056	3/4	131,968	3/4	116,880	3/4	101,788
2		2		2	206,955	2	191,969	2	176,916	2	161,829	2	146,741	2	131,654	2	116,566	2	101,474
1/4	1/4		1/4		206,643	1/4	191,656	1/4	176,602	1/4	161,515	1/4	146,427	1/4	131,339	1/4	116,252	1/4	101,160
1/2	1/2		1/2		206,332	1/2	191,342	1/2	176,288	1/2	161,200	1/2	146,113	1/2	131,025	1/2	115,937	1/2	100,845
3/4	3/4		3/4		206,021	3/4	191,029	3/4	175,974	3/4	160,886	3/4	145,798	3/4	130,711	3/4	115,623	3/4	100,531
3		3		3	205,710	3	190,715	3	175,659	3	160,572	3	145,484	3	130,396	3	115,309	3	100,216
1/4	1/4		1/4		205,399	1/4	190,402	1/4	175,345	1/4	160,257	1/4	145,170	1/4	130,082	1/4	114,994	1/4	99,902
1/2	1/2		1/2		205,087	1/2	190,088	1/2	175,031	1/2	159,943	1/2	144,855	1/2	129,768	1/2	114,680	1/2	99,587
3/4	3/4		3/4		204,776	3/4	189,775	3/4	174,716	3/4	159,629	3/4	144,541	3/4	129,453	3/4	114,366	3/4	99,273
4		4		4	204,465	4	189,462	4	174,402	4	159,314	4	144,227	4	129,139	4	114,051	4	98,958
1/4	1/4		1/4		204,154	1/4	189,148	1/4	174,088	1/4	159,000	1/4	143,912	1/4	128,825	1/4	113,737	1/4	98,644
1/2	1/2		1/2		203,842	1/2	188,835	1/2	173,773	1/2	158,686	1/2	143,598	1/2	128,510	1/2	113,423	1/2	98,329
3/4	3/4		3/4		203,531	3/4	188,521	3/4	173,459	3/4	158,371	3/4	143,284	3/4	128,196	3/4	113,109	3/4	98,015
5		5		5	203,220	5	188,208	5	173,145	5	158,057	5	142,969	5	127,882	5	112,794	5	97,700
1/4	1/4		1/4		202,909	1/4	187,895	1/4	172,830	1/4	157,743	1/4	142,655	1/4	127,567	1/4	112,480	1/4	97,386
1/2	1/2		1/2		202,598	1/2	187,581	1/2	172,516	1/2	157,428	1/2	142,341	1/2	127,253	1/2	112,166	1/2	97,071
3/4	3/4		3/4		202,286	3/4	187,268	3/4	172,202	3/4	157,114	3/4	142,026	3/4	126,939	3/4	111,851	3/4	96,757
6		6		6	201,975	6	186,954	6	171,887	6	156,800	6	141,712	6	126,624	6	111,537	6	96,442
1/4	1/4		1/4		201,664	1/4	186,641	1/4	171,573	1/4	156,485	1/4	141,398	1/4	126,310	1/4	111,223	1/4	96,128
1/2	1/2		1/2		201,353	1/2	186,328	1/2	171,259	1/2	156,171	1/2	141,083	1/2	125,996	1/2	110,908	1/2	95,813
3/4	3/4		3/4		201,041	3/4	186,014	3/4	170,944	3/4	155,857	3/4	140,769	3/4	125,682	3/4	110,594	3/4	95,499
7		7		7	200,730	7	185,701	7	170,630	7	155,542	7	140,455	7	125,367	7	110,279	7	95,184
1/4	1/4		1/4		200,419	1/4	185,387	1/4	170,316	1/4	155,228	1/4	140,140	1/4	125,053	1/4	109,965	1/4	94,870
1/2	1/2		1/2		200,108	1/2	185,074	1/2	170,001	1/2	154,914	1/2	139,826	1/2	124,739	1/2	109,650	1/2	94,555
3/4	3/4		3/4		199,797	3/4	184,760	3/4	169,687	3/4	154,599	3/4	139,512	3/4	124,424	3/4	109,336	3/4	94,241
8		8	213,779	8	199,485	8	184,447	8	169,373	8	154,285	8	139,197	8	124,110	8	109,021	8	93,927
1/4	1/4		213,563	1/4	199,173	1/4	184,134	1/4	169,058	1/4	153,971	1/4	138,883	1/4	123,796	1/4	108,707	1/4	93,612
1/2	1/2		213,347	1/2	198,861	1/2	183,820	1/2	168,744	1/2	153,656	1/2	138,569	1/2	123,481	1/2	108,393	1/2	93,298
3/4	3/4		213,131	3/4	198,549	3/4	183,507	3/4	168,430	3/4	153,342	3/4	138,255	3/4	123,167	3/4	108,078	3/4	92,983
9		9	212,915	9	198,237	9	183,193	9	168,115	9	153,028	9	137,940	9	122,853	9	107,764	9	92,669
1/4	1/4		212,655	1/4	197,924	1/4	182,880	1/4	167,801	1/4	152,713	1/4	137,626	1/4	122,538	1/4	107,449	1/4	92,354
1/2	1/2		212,394	1/2	197,610	1/2	182,567	1/2	167,487	1/2	152,399	1/2	137,312	1/2	122,224	1/2	107,135	1/2	92,040
3/4	3/4		212,133	3/4	197,297	3/4	182,253	3/4	167,172	3/4	152,085	3/4	136,997	3/4	121,910	3/4	106,820	3/4	91,725
10		10	211,872	10	196,984	10	181,940	10	166,858	10	151,770	10	136,683	10	121,595	10	106,506	10	91,411
1/4	1/4		211,575	1/4	196,670	1/4	181,626	1/4	166,544	1/4	151,456	1/4	136,369	1/4	121,281	1/4	106,191	1/4	91,096
1/2	1/2		211,279	1/2	196,357	1/2	181,313	1/2	166,229	1/2	151,142	1/2	136,054	1/2	120,967	1/2	105,877	1/2	90,782
3/4	3/4		210,982	3/4	196,043	3/4	181,000	3/4	165,915	3/4	150,828	3/4	135,740	3/4	120,652	3/4	105,562	3/4	90,467
11		11	210,685	11	195,730	11	180,686	11	165,601	11	150,513	11	135,426	11	120,338	11	105,248	11	90,153
1/4	1/4		210,375	1/4	195,416	1/4	180,372	1/4	165,286	1/4	150,199	1/4	135,111	1/4	120,024	1/4	104,933	1/4	89,838
1/2	1/2		210,065	1/2	195,103	1/2	180,059	1/2	164,972	1/2	149,885	1/2	134,797	1/2	119,709	1/2	104,619	1/2	89,524
3/4	3/4		209,754	3/4	194,790	3/4	179,745	3/4	164,658	3/4	149,570	3/4	134,483	3/4	119,395	3/4	104,304	3/4	89,209

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'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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





# BARGE "GBL 5430"

## 2 STBD 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	88,895	0	73,914	0	59,098	0	44,191	0	29,109	0	14,014	0		0		0		0	
1/4	88,580	1/4	73,605	1/4	58,790	1/4	43,877	1/4	28,794	1/4	13,700	1/4		1/4		1/4		1/4	
1/2	88,266	1/2	73,296	1/2	58,481	1/2	43,563	1/2	28,480	1/2	13,385	1/2		1/2		1/2		1/2	
3/4	87,951	3/4	72,988	3/4	58,172	3/4	43,249	3/4	28,165	3/4	13,071	3/4		3/4		3/4		3/4	
1	87,637	1	72,679	1	57,864	1	42,935	1	27,851	1	12,757	1		1		1		1	
1/4	87,323	1/4	72,370	1/4	57,555	1/4	42,621	1/4	27,537	1/4	12,442	1/4		1/4		1/4		1/4	
1/2	87,008	1/2	72,062	1/2	57,246	1/2	42,307	1/2	27,222	1/2	12,128	1/2		1/2		1/2		1/2	
3/4	86,694	3/4	71,753	3/4	56,938	3/4	41,994	3/4	26,908	3/4	11,813	3/4		3/4		3/4		3/4	
2	86,379	2	71,444	2	56,629	2	41,680	2	26,593	2	11,499	2		2		2		2	
1/4	86,065	1/4	71,136	1/4	56,320	1/4	41,366	1/4	26,279	1/4	11,184	1/4		1/4		1/4		1/4	
1/2	85,750	1/2	70,827	1/2	56,012	1/2	41,052	1/2	25,964	1/2	10,870	1/2		1/2		1/2		1/2	
3/4	85,436	3/4	70,518	3/4	55,703	3/4	40,738	3/4	25,650	3/4	10,555	3/4		3/4		3/4		3/4	
3	85,121	3	70,210	3	55,394	3	40,424	3	25,335	3	10,241	3		3		3		3	
1/4	84,807	1/4	69,901	1/4	55,086	1/4	40,110	1/4	25,021	1/4	9,926	1/4		1/4		1/4		1/4	
1/2	84,492	1/2	69,592	1/2	54,777	1/2	39,796	1/2	24,706	1/2	9,612	1/2		1/2		1/2		1/2	
3/4	84,178	3/4	69,284	3/4	54,468	3/4	39,483	3/4	24,392	3/4	9,297	3/4		3/4		3/4		3/4	
4	83,863	4	68,975	4	54,160	4	39,169	4	24,077	4	8,983	4		4		4		4	
1/4	83,549	1/4	68,666	1/4	53,851	1/4	38,855	1/4	23,763	1/4	8,668	1/4		1/4		1/4		1/4	
1/2	83,234	1/2	68,358	1/2	53,543	1/2	38,541	1/2	23,448	1/2	8,354	1/2		1/2		1/2		1/2	
3/4	82,920	3/4	68,049	3/4	53,234	3/4	38,227	3/4	23,134	3/4	8,039	3/4		3/4		3/4		3/4	
5	82,605	5	67,741	5	52,925	5	37,913	5	22,820	5	7,725	5		5		5		5	
1/4	82,291	1/4	67,432	1/4	52,617	1/4	37,599	1/4	22,505	1/4	7,411	1/4		1/4		1/4		1/4	
1/2	81,976	1/2	67,123	1/2	52,308	1/2	37,285	1/2	22,191	1/2	7,096	1/2		1/2		1/2		1/2	
3/4	81,662	3/4	66,815	3/4	51,999	3/4	36,970	3/4	21,876	3/4	6,782	3/4		3/4		3/4		3/4	
6	81,347	6	66,506	6	51,691	6	36,656	6	21,562	6	6,467	6		6		6		6	
1/4	81,034	1/4	66,197	1/4	51,382	1/4	36,342	1/4	21,247	1/4	6,153	1/4		1/4		1/4		1/4	
1/2	80,721	1/2	65,889	1/2	51,073	1/2	36,027	1/2	20,933	1/2	5,838	1/2		1/2		1/2		1/2	
3/4	80,407	3/4	65,580	3/4	50,765	3/4	35,713	3/4	20,618	3/4	5,524	3/4		3/4		3/4		3/4	
7	80,094	7	65,271	7	50,456	7	35,398	7	20,304	7	5,209	7		7		7		7	
1/4	79,783	1/4	64,963	1/4	50,145	1/4	35,084	1/4	19,989	1/4	4,895	1/4		1/4		1/4		1/4	
1/2	79,473	1/2	64,654	1/2	49,835	1/2	34,769	1/2	19,675	1/2	4,581	1/2		1/2		1/2		1/2	
3/4	79,162	3/4	64,345	3/4	49,524	3/4	34,455	3/4	19,360	3/4	4,267	3/4		3/4		3/4		3/4	
8	78,852	8	64,037	8	49,213	8	34,140	8	19,046	8	3,952	8		8		8		8	
1/4	78,543	1/4	63,728	1/4	48,899	1/4	33,826	1/4	18,731	1/4	3,639	1/4		1/4		1/4		1/4	
1/2	78,235	1/2	63,419	1/2	48,585	1/2	33,511	1/2	18,417	1/2	3,325	1/2		1/2		1/2		1/2	
3/4	77,926	3/4	63,111	3/4	48,271	3/4	33,197	3/4	18,102	3/4	3,011	3/4		3/4		3/4		3/4	
9	77,617	9	62,802	9	47,957	9	32,882	9	17,788	9	2,698	9		9		9		9	
1/4	77,309	1/4	62,493	1/4	47,643	1/4	32,568	1/4	17,474	1/4	2,404	1/4		1/4		1/4		1/4	
1/2	77,000	1/2	62,185	1/2	47,330	1/2	32,254	1/2	17,159	1/2	2,110	1/2		1/2		1/2		1/2	
3/4	76,691	3/4	61,876	3/4	47,016	3/4	31,939	3/4	16,845	3/4	1,816	3/4		3/4		3/4		3/4	
10	76,383	10	61,567	10	46,702	10	31,625	10	16,530	10	1,523	10		10		10		10	
1/4	76,074	1/4	61,259	1/4	46,388	1/4	31,310	1/4	16,216	1/4	1,300	1/4		1/4		1/4		1/4	
1/2	75,765	1/2	60,950	1/2	46,074	1/2	30,996	1/2	15,901	1/2	1,077	1/2		1/2		1/2		1/2	
3/4	75,457	3/4	60,642	3/4	45,760	3/4	30,681	3/4	15,587	3/4	854	3/4		3/4		3/4		3/4	
11	75,148	11	60,333	11	45,446	11	30,367	11	15,272	11	631	11		11		11		11	
1/4	74,840	1/4	60,024	1/4	45,132	1/4	30,052	1/4	14,958	1/4		1/4		1/4		1/4		1/4	
1/2	74,531	1/2	59,716	1/2	44,819	1/2	29,738	1/2	14,643	1/2		1/2		1/2		1/2		1/2	
3/4	74,222	3/4	59,407	3/4	44,505	3/4	29,423	3/4	14,329	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 9/20/2016 SW  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2016

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



# BARGE "GBL 5430"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-10 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	191,730	0	181,437	0	171,092	0	160,719	0	148,767	0	133,786	0	118,780	0	103,766
1/4	1/4		1/4		191,516	1/4	181,222	1/4	170,876	1/4	160,503	1/4	148,456	1/4	133,474	1/4	118,468	1/4	103,453
1/2	1/2		1/2		191,302	1/2	181,006	1/2	170,660	1/2	160,286	1/2	148,145	1/2	133,161	1/2	118,155	1/2	103,140
3/4	3/4		3/4		191,088	3/4	180,791	3/4	170,443	3/4	160,070	3/4	147,834	3/4	132,848	3/4	117,842	3/4	102,827
1		1		1	190,874	1	180,575	1	170,227	1	159,854	1	147,524	1	132,536	1	117,530	1	102,514
1/4	1/4		1/4		190,660	1/4	180,360	1/4	170,011	1/4	159,638	1/4	147,213	1/4	132,223	1/4	117,217	1/4	102,201
1/2	1/2		1/2		190,446	1/2	180,144	1/2	169,795	1/2	159,422	1/2	146,902	1/2	131,911	1/2	116,905	1/2	101,888
3/4	3/4		3/4		190,232	3/4	179,929	3/4	169,579	3/4	159,206	3/4	146,591	3/4	131,598	3/4	116,592	3/4	101,575
2		2		2	190,018	2	179,713	2	169,363	2	158,990	2	146,281	2	131,285	2	116,279	2	101,262
1/4	1/4		1/4		189,804	1/4	179,498	1/4	169,147	1/4	158,774	1/4	145,970	1/4	130,973	1/4	115,967	1/4	100,949
1/2	1/2		1/2		189,590	1/2	179,282	1/2	168,931	1/2	158,558	1/2	145,659	1/2	130,660	1/2	115,654	1/2	100,636
3/4	3/4		3/4		189,376	3/4	179,067	3/4	168,715	3/4	158,342	3/4	145,349	3/4	130,347	3/4	115,341	3/4	100,323
3		3		3	189,163	3	178,851	3	168,499	3	158,116	3	145,037	3	130,035	3	115,029	3	100,010
1/4	1/4		1/4		188,949	1/4	178,636	1/4	168,282	1/4	157,891	1/4	144,726	1/4	129,722	1/4	114,716	1/4	99,697
1/2	1/2		1/2		188,735	1/2	178,420	1/2	168,066	1/2	157,666	1/2	144,414	1/2	129,410	1/2	114,404	1/2	99,384
3/4	3/4		3/4		188,521	3/4	178,205	3/4	167,850	3/4	157,441	3/4	144,103	3/4	129,097	3/4	114,091	3/4	99,071
4		4		4	188,307	4	177,989	4	167,634	4	157,200	4	143,790	4	128,784	4	113,778	4	98,758
1/4	1/4		1/4		188,093	1/4	177,774	1/4	167,418	1/4	156,960	1/4	143,478	1/4	128,472	1/4	113,466	1/4	98,445
1/2	1/2		1/2		187,879	1/2	177,558	1/2	167,202	1/2	156,720	1/2	143,165	1/2	128,159	1/2	113,153	1/2	98,132
3/4	3/4		3/4		187,665	3/4	177,343	3/4	166,986	3/4	156,479	3/4	142,852	3/4	127,846	3/4	112,840	3/4	97,819
5		5		5	187,451	5	177,127	5	166,770	5	156,239	5	142,540	5	127,534	5	112,528	5	97,506
1/4	1/4		1/4		187,237	1/4	176,912	1/4	166,554	1/4	155,999	1/4	142,227	1/4	127,221	1/4	112,215	1/4	97,193
1/2	1/2		1/2		187,023	1/2	176,696	1/2	166,337	1/2	155,758	1/2	141,914	1/2	126,909	1/2	111,903	1/2	96,880
3/4	3/4		3/4		186,809	3/4	176,481	3/4	166,121	3/4	155,518	3/4	141,602	3/4	126,596	3/4	111,590	3/4	96,567
6		6		6	186,595	6	176,265	6	165,905	6	155,277	6	141,289	6	126,283	6	111,277	6	96,254
1/4	1/4		1/4		186,381	1/4	176,050	1/4	165,689	1/4	155,037	1/4	140,977	1/4	125,971	1/4	110,965	1/4	95,941
1/2	1/2		1/2		186,167	1/2	175,834	1/2	165,473	1/2	154,797	1/2	140,664	1/2	125,658	1/2	110,652	1/2	95,628
3/4	3/4		3/4		185,953	3/4	175,619	3/4	165,257	3/4	154,556	3/4	140,351	3/4	125,345	3/4	110,339	3/4	95,315
7		7		7	185,739	7	175,403	7	165,041	7	154,316	7	140,039	7	125,033	7	110,026	7	95,002
1/4	1/4		1/4		185,525	1/4	175,188	1/4	164,825	1/4	154,076	1/4	139,726	1/4	124,720	1/4	109,714	1/4	94,689
1/2	1/2		1/2		185,311	1/2	174,972	1/2	164,609	1/2	153,835	1/2	139,413	1/2	124,408	1/2	109,401	1/2	94,376
3/4	3/4		3/4		194,725	3/4	185,097	3/4	174,757	3/4	164,392	3/4	153,595	3/4	139,101	3/4	124,095	3/4	109,088
8		8		8	194,606	8	184,882	8	174,541	8	164,176	8	153,354	8	138,788	8	123,782	8	108,775
1/4	1/4		1/4		194,487	1/4	184,668	1/4	174,326	1/4	163,960	1/4	153,114	1/4	138,476	1/4	123,470	1/4	108,462
1/2	1/2		1/2		194,368	1/2	184,453	1/2	174,110	1/2	163,744	1/2	152,874	1/2	138,163	1/2	123,157	1/2	108,149
3/4	3/4		3/4		194,249	3/4	184,239	3/4	173,895	3/4	163,528	3/4	152,633	3/4	137,850	3/4	122,844	3/4	107,836
9		9		9	194,085	9	184,023	9	173,679	9	163,312	9	152,366	9	137,538	9	122,532	9	107,523
1/4	1/4		1/4		193,921	1/4	183,808	1/4	173,464	1/4	163,096	1/4	152,100	1/4	137,225	1/4	122,219	1/4	107,210
1/2	1/2		1/2		193,758	1/2	183,592	1/2	173,248	1/2	162,880	1/2	151,833	1/2	136,912	1/2	121,907	1/2	106,897
3/4	3/4		3/4		193,594	3/4	183,377	3/4	173,033	3/4	162,664	3/4	151,566	3/4	136,600	3/4	121,594	3/4	106,584
10		10		10	193,394	10	183,161	10	172,817	10	162,448	10	151,255	10	136,287	10	121,281	10	106,271
1/4	1/4		1/4		193,195	1/4	182,946	1/4	172,602	1/4	162,231	1/4	150,944	1/4	135,975	1/4	120,969	1/4	105,958
1/2	1/2		1/2		192,995	1/2	182,730	1/2	172,386	1/2	162,015	1/2	150,633	1/2	135,662	1/2	120,656	1/2	105,645
3/4	3/4		3/4		192,796	3/4	182,515	3/4	172,171	3/4	161,799	3/4	150,322	3/4	135,349	3/4	120,343	3/4	105,332
11		11		11	192,583	11	182,299	11	171,955	11	161,583	11	150,011	11	135,037	11	120,031	11	105,019
1/4	1/4		1/4		192,370	1/4	182,084	1/4	171,739	1/4	161,367	1/4	149,700	1/4	134,724	1/4	119,718	1/4	104,706
1/2	1/2		1/2		192,157	1/2	181,868	1/2	171,524	1/2	161,151	1/2	149,389	1/2	134,412	1/2	119,406	1/2	104,393
3/4	3/4		3/4		191,944	3/4	181,653	3/4	171,308	3/4	160,935	3/4	149,078	3/4	134,099	3/4	119,093	3/4	104,079

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'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "GBL 5430"

## 3 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	88,741	0	73,716	0	58,690	0	43,675	0	28,662	0	13,637	0		0		0		0	
1/4	88,428	1/4	73,402	1/4	58,377	1/4	43,363	1/4	28,349	1/4	13,324	1/4		1/4		1/4		1/4	
1/2	88,115	1/2	73,089	1/2	58,064	1/2	43,050	1/2	28,036	1/2	13,011	1/2		1/2		1/2		1/2	
3/4	87,802	3/4	72,776	3/4	57,751	3/4	42,738	3/4	27,723	3/4	12,698	3/4		3/4		3/4		3/4	
1	87,489	1	72,463	1	57,438	1	42,425	1	27,410	1	12,385	1		1		1		1	
1/4	87,176	1/4	72,150	1/4	57,125	1/4	42,113	1/4	27,097	1/4	12,072	1/4		1/4		1/4		1/4	
1/2	86,863	1/2	71,837	1/2	56,812	1/2	41,800	1/2	26,784	1/2	11,759	1/2		1/2		1/2		1/2	
3/4	86,550	3/4	71,524	3/4	56,499	3/4	41,488	3/4	26,471	3/4	11,446	3/4		3/4		3/4		3/4	
2	86,237	2	71,211	2	56,186	2	41,175	2	26,158	2	11,133	2		2		2		2	
1/4	85,924	1/4	70,898	1/4	55,873	1/4	40,863	1/4	25,845	1/4	10,820	1/4		1/4		1/4		1/4	
1/2	85,611	1/2	70,585	1/2	55,560	1/2	40,551	1/2	25,532	1/2	10,507	1/2		1/2		1/2		1/2	
3/4	85,298	3/4	70,272	3/4	55,247	3/4	40,238	3/4	25,219	3/4	10,194	3/4		3/4		3/4		3/4	
3	84,985	3	69,959	3	54,934	3	39,926	3	24,906	3	9,881	3		3		3		3	
1/4	84,672	1/4	69,646	1/4	54,621	1/4	39,613	1/4	24,593	1/4	9,568	1/4		1/4		1/4		1/4	
1/2	84,359	1/2	69,333	1/2	54,308	1/2	39,301	1/2	24,280	1/2	9,255	1/2		1/2		1/2		1/2	
3/4	84,046	3/4	69,020	3/4	53,995	3/4	38,988	3/4	23,967	3/4	8,942	3/4		3/4		3/4		3/4	
4	83,732	4	68,707	4	53,682	4	38,676	4	23,654	4	8,629	4		4		4		4	
1/4	83,419	1/4	68,394	1/4	53,369	1/4	38,363	1/4	23,341	1/4	8,316	1/4		1/4		1/4		1/4	
1/2	83,106	1/2	68,081	1/2	53,056	1/2	38,051	1/2	23,028	1/2	8,003	1/2		1/2		1/2		1/2	
3/4	82,793	3/4	67,768	3/4	52,742	3/4	37,738	3/4	22,715	3/4	7,690	3/4		3/4		3/4		3/4	
5	82,480	5	67,455	5	52,429	5	37,426	5	22,402	5	7,376	5		5		5		5	
1/4	82,167	1/4	67,142	1/4	52,116	1/4	37,113	1/4	22,089	1/4	7,063	1/4		1/4		1/4		1/4	
1/2	81,854	1/2	66,829	1/2	51,803	1/2	36,800	1/2	21,775	1/2	6,750	1/2		1/2		1/2		1/2	
3/4	81,541	3/4	66,516	3/4	51,490	3/4	36,487	3/4	21,462	3/4	6,437	3/4		3/4		3/4		3/4	
6	81,228	6	66,203	6	51,177	6	36,174	6	21,149	6	6,124	6		6		6		6	
1/4	80,915	1/4	65,890	1/4	50,864	1/4	35,861	1/4	20,836	1/4	5,811	1/4		1/4		1/4		1/4	
1/2	80,602	1/2	65,577	1/2	50,551	1/2	35,548	1/2	20,523	1/2	5,498	1/2		1/2		1/2		1/2	
3/4	80,289	3/4	65,264	3/4	50,238	3/4	35,235	3/4	20,210	3/4	5,185	3/4		3/4		3/4		3/4	
7	79,976	7	64,951	7	49,925	7	34,922	7	19,897	7	4,873	7		7		7		7	
1/4	79,663	1/4	64,638	1/4	49,612	1/4	34,609	1/4	19,584	1/4	4,560	1/4		1/4		1/4		1/4	
1/2	79,350	1/2	64,325	1/2	49,300	1/2	34,296	1/2	19,271	1/2	4,247	1/2		1/2		1/2		1/2	
3/4	79,037	3/4	64,012	3/4	48,987	3/4	33,983	3/4	18,958	3/4	3,934	3/4		3/4		3/4		3/4	
8	78,724	8	63,699	8	48,674	8	33,670	8	18,645	8	3,622	8		8		8		8	
1/4	78,411	1/4	63,386	1/4	48,362	1/4	33,357	1/4	18,332	1/4	3,310	1/4		1/4		1/4		1/4	
1/2	78,098	1/2	63,072	1/2	48,049	1/2	33,044	1/2	18,019	1/2	2,998	1/2		1/2		1/2		1/2	
3/4	77,785	3/4	62,759	3/4	47,737	3/4	32,731	3/4	17,706	3/4	2,686	3/4		3/4		3/4		3/4	
9	77,472	9	62,446	9	47,424	9	32,418	9	17,393	9	2,393	9		9		9		9	
1/4	77,159	1/4	62,133	1/4	47,112	1/4	32,105	1/4	17,080	1/4	2,101	1/4		1/4		1/4		1/4	
1/2	76,846	1/2	61,820	1/2	46,799	1/2	31,792	1/2	16,767	1/2	1,808	1/2		1/2		1/2		1/2	
3/4	76,533	3/4	61,507	3/4	46,487	3/4	31,479	3/4	16,454	3/4	1,516	3/4		3/4		3/4		3/4	
10	76,220	10	61,194	10	46,174	10	31,166	10	16,141	10	1,294	10		10		10		10	
1/4	75,907	1/4	60,881	1/4	45,862	1/4	30,853	1/4	15,828	1/4	1,072	1/4		1/4		1/4		1/4	
1/2	75,594	1/2	60,568	1/2	45,550	1/2	30,540	1/2	15,515	1/2	851	1/2		1/2		1/2		1/2	
3/4	75,281	3/4	60,255	3/4	45,237	3/4	30,227	3/4	15,202	3/4	628	3/4		3/4		3/4		3/4	
11	74,968	11	59,942	11	44,925	11	29,914	11	14,889	11		11		11		11		11	
1/4	74,655	1/4	59,629	1/4	44,612	1/4	29,601	1/4	14,576	1/4		1/4		1/4		1/4		1/4	
1/2	74,342	1/2	59,316	1/2	44,300	1/2	29,288	1/2	14,263	1/2		1/2		1/2		1/2		1/2	
3/4	74,029	3/4	59,003	3/4	43,987	3/4	28,975	3/4	13,950	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 9/20/2016 SW  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77588  
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# BARGE "GBL 5430"

## 3 STBD 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	190,687	0	180,414	0	170,089	0	159,734	0	147,900	0	132,977	0	118,029	0	103,078
1/4	1/4		1/4		190,473	1/4	180,199	1/4	169,873	1/4	159,519	1/4	147,590	1/4	132,665	1/4	117,718	1/4	102,766
1/2	1/2		1/2		190,260	1/2	179,984	1/2	169,657	1/2	159,303	1/2	147,280	1/2	132,354	1/2	117,407	1/2	102,454
3/4	3/4		3/4		190,047	3/4	179,769	3/4	169,441	3/4	159,087	3/4	146,970	3/4	132,042	3/4	117,096	3/4	102,142
1		1		1	189,833	1	179,554	1	169,226	1	158,872	1	146,660	1	131,731	1	116,784	1	101,830
1/4	1/4		1/4		189,620	1/4	179,339	1/4	169,010	1/4	158,656	1/4	146,350	1/4	131,420	1/4	116,473	1/4	101,518
1/2	1/2		1/2		189,406	1/2	179,124	1/2	168,794	1/2	158,440	1/2	146,041	1/2	131,108	1/2	116,162	1/2	101,207
3/4	3/4		3/4		189,192	3/4	178,909	3/4	168,579	3/4	158,224	3/4	145,731	3/4	130,797	3/4	115,851	3/4	100,895
2		2		2	188,979	2	178,694	2	168,363	2	158,009	2	145,422	2	130,485	2	115,540	2	100,583
1/4	1/4		1/4		188,765	1/4	178,479	1/4	168,147	1/4	157,793	1/4	145,112	1/4	130,174	1/4	115,229	1/4	100,271
1/2	1/2		1/2		188,551	1/2	178,263	1/2	167,931	1/2	157,577	1/2	144,803	1/2	129,862	1/2	114,917	1/2	99,959
3/4	3/4		3/4		188,338	3/4	178,048	3/4	167,716	3/4	157,362	3/4	144,493	3/4	129,551	3/4	114,606	3/4	99,647
3		3		3	188,124	3	177,833	3	167,500	3	157,146	3	144,184	3	129,240	3	114,295	3	99,335
1/4	1/4		1/4		187,911	1/4	177,618	1/4	167,284	1/4	156,921	1/4	143,874	1/4	128,928	1/4	113,984	1/4	99,023
1/2	1/2		1/2		187,697	1/2	177,403	1/2	167,069	1/2	156,696	1/2	143,563	1/2	128,617	1/2	113,673	1/2	98,711
3/4	3/4		3/4		187,483	3/4	177,188	3/4	166,853	3/4	156,471	3/4	143,253	3/4	128,305	3/4	113,361	3/4	98,399
4		4		4	187,270	4	176,973	4	166,637	4	156,247	4	142,943	4	127,994	4	113,050	4	98,087
1/4	1/4		1/4		187,056	1/4	176,758	1/4	166,421	1/4	156,007	1/4	142,631	1/4	127,682	1/4	112,739	1/4	97,776
1/2	1/2		1/2		186,843	1/2	176,543	1/2	166,206	1/2	155,767	1/2	142,320	1/2	127,371	1/2	112,428	1/2	97,464
3/4	3/4		3/4		186,629	3/4	176,327	3/4	165,990	3/4	155,527	3/4	142,009	3/4	127,059	3/4	112,117	3/4	97,152
5		5		5	186,415	5	176,112	5	165,774	5	155,287	5	141,697	5	126,748	5	111,805	5	96,840
1/4	1/4		1/4		186,202	1/4	175,897	1/4	165,559	1/4	155,047	1/4	141,386	1/4	126,437	1/4	111,494	1/4	96,528
1/2	1/2		1/2		185,988	1/2	175,682	1/2	165,343	1/2	154,807	1/2	141,074	1/2	126,125	1/2	111,183	1/2	96,216
3/4	3/4		3/4		185,775	3/4	175,467	3/4	165,127	3/4	154,567	3/4	140,763	3/4	125,814	3/4	110,872	3/4	95,904
6		6		6	185,561	6	175,252	6	164,911	6	154,327	6	140,451	6	125,502	6	110,561	6	95,592
1/4	1/4		1/4		185,348	1/4	175,037	1/4	164,696	1/4	154,087	1/4	140,140	1/4	125,191	1/4	110,249	1/4	95,280
1/2	1/2		1/2		185,134	1/2	174,822	1/2	164,480	1/2	153,847	1/2	139,828	1/2	124,879	1/2	109,938	1/2	94,968
3/4	3/4		3/4		184,920	3/4	174,607	3/4	164,264	3/4	153,607	3/4	139,517	3/4	124,568	3/4	109,627	3/4	94,657
7		7		7	184,707	7	174,392	7	164,049	7	153,367	7	139,206	7	124,257	7	109,315	7	94,345
1/4	1/4		1/4		184,493	1/4	174,176	1/4	163,833	1/4	153,128	1/4	138,894	1/4	123,945	1/4	109,004	1/4	94,033
1/2	1/2		1/2		184,280	1/2	173,961	1/2	163,617	1/2	152,888	1/2	138,583	1/2	123,634	1/2	108,692	1/2	93,721
3/4	3/4		3/4		184,066	3/4	173,746	3/4	163,401	3/4	152,648	3/4	138,271	3/4	123,322	3/4	108,380	3/4	93,409
8		8	193,463	8	183,852	8	173,531	8	163,186	8	152,408	8	137,960	8	123,011	8	108,069	8	93,097
1/4	1/4		1/4		183,638	1/4	173,316	1/4	162,970	1/4	152,168	1/4	137,648	1/4	122,699	1/4	107,757	1/4	92,785
1/2	1/2		1/2		183,424	1/2	173,101	1/2	162,754	1/2	151,928	1/2	137,337	1/2	122,388	1/2	107,445	1/2	92,473
3/4	3/4		3/4		183,210	3/4	172,886	3/4	162,539	3/4	151,688	3/4	137,025	3/4	122,076	3/4	107,133	3/4	92,161
9		9	192,988	9	182,996	9	172,671	9	162,323	9	151,448	9	136,714	9	121,765	9	106,821	9	91,849
1/4	1/4		1/4		182,781	1/4	172,456	1/4	162,107	1/4	151,182	1/4	136,403	1/4	121,454	1/4	106,509	1/4	91,537
1/2	1/2		1/2		182,566	1/2	172,241	1/2	161,891	1/2	150,915	1/2	136,091	1/2	121,142	1/2	106,197	1/2	91,226
3/4	3/4		3/4		182,350	3/4	172,025	3/4	161,676	3/4	150,649	3/4	135,780	3/4	120,831	3/4	105,885	3/4	90,914
10		10	192,334	10	182,135	10	171,810	10	161,460	10	150,383	10	135,468	10	120,519	10	105,573	10	90,602
1/4	1/4		1/4		181,920	1/4	171,595	1/4	161,244	1/4	150,072	1/4	135,157	1/4	120,208	1/4	105,261	1/4	90,290
1/2	1/2		1/2		181,705	1/2	171,380	1/2	161,029	1/2	149,762	1/2	134,845	1/2	119,897	1/2	104,949	1/2	89,978
3/4	3/4		3/4		181,490	3/4	171,165	3/4	160,813	3/4	149,452	3/4	134,534	3/4	119,585	3/4	104,638	3/4	89,666
11		11	191,537	11	181,275	11	170,950	11	160,597	11	149,141	11	134,223	11	119,274	11	104,326	11	89,354
1/4	1/4		1/4		181,060	1/4	170,735	1/4	160,381	1/4	148,831	1/4	133,911	1/4	118,963	1/4	104,014	1/4	89,043
1/2	1/2		1/2		180,845	1/2	170,519	1/2	160,166	1/2	148,521	1/2	133,600	1/2	118,652	1/2	103,702	1/2	88,732
3/4	3/4		3/4		180,630	3/4	170,304	3/4	159,950	3/4	148,210	3/4	133,288	3/4	118,340	3/4	103,390	3/4	88,422

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



# BARGE "GBL 5430"

## 3 STBD 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	88,111	0	73,275	0	58,481	0	43,849	0	28,887	0	13,915	0		0		0		0	
1/4	87,802	1/4	72,964	1/4	58,181	1/4	43,538	1/4	28,575	1/4	13,603	1/4		1/4		1/4		1/4	
1/2	87,493	1/2	72,652	1/2	57,880	1/2	43,227	1/2	28,264	1/2	13,291	1/2		1/2		1/2		1/2	
3/4	87,184	3/4	72,340	3/4	57,579	3/4	42,915	3/4	27,952	3/4	12,979	3/4		3/4		3/4		3/4	
1	86,875	1	72,028	1	57,278	1	42,604	1	27,640	1	12,667	1		1		1		1	
1/4	86,566	1/4	71,717	1/4	56,977	1/4	42,293	1/4	27,328	1/4	12,355	1/4		1/4		1/4		1/4	
1/2	86,257	1/2	71,405	1/2	56,677	1/2	41,981	1/2	27,016	1/2	12,043	1/2		1/2		1/2		1/2	
3/4	85,948	3/4	71,093	3/4	56,376	3/4	41,670	3/4	26,704	3/4	11,731	3/4		3/4		3/4		3/4	
2	85,639	2	70,781	2	56,075	2	41,358	2	26,392	2	11,419	2		2		2		2	
1/4	85,330	1/4	70,470	1/4	55,774	1/4	41,047	1/4	26,080	1/4	11,107	1/4		1/4		1/4		1/4	
1/2	85,021	1/2	70,158	1/2	55,473	1/2	40,736	1/2	25,768	1/2	10,795	1/2		1/2		1/2		1/2	
3/4	84,712	3/4	69,846	3/4	55,173	3/4	40,424	3/4	25,456	3/4	10,483	3/4		3/4		3/4		3/4	
3	84,403	3	69,534	3	54,872	3	40,113	3	25,144	3	10,171	3		3		3		3	
1/4	84,094	1/4	69,223	1/4	54,571	1/4	39,801	1/4	24,832	1/4	9,859	1/4		1/4		1/4		1/4	
1/2	83,785	1/2	68,911	1/2	54,270	1/2	39,490	1/2	24,520	1/2	9,547	1/2		1/2		1/2		1/2	
3/4	83,476	3/4	68,599	3/4	53,969	3/4	39,179	3/4	24,208	3/4	9,235	3/4		3/4		3/4		3/4	
4	83,167	4	68,288	4	53,669	4	38,867	4	23,896	4	8,923	4		4		4		4	
1/4	82,858	1/4	67,976	1/4	53,368	1/4	38,556	1/4	23,584	1/4	8,611	1/4		1/4		1/4		1/4	
1/2	82,549	1/2	67,664	1/2	53,067	1/2	38,244	1/2	23,272	1/2	8,299	1/2		1/2		1/2		1/2	
3/4	82,240	3/4	67,353	3/4	52,766	3/4	37,933	3/4	22,960	3/4	7,987	3/4		3/4		3/4		3/4	
5	81,931	5	67,041	5	52,465	5	37,622	5	22,648	5	7,675	5		5		5		5	
1/4	81,622	1/4	66,729	1/4	52,165	1/4	37,310	1/4	22,336	1/4	7,363	1/4		1/4		1/4		1/4	
1/2	81,313	1/2	66,418	1/2	51,864	1/2	36,998	1/2	22,024	1/2	7,050	1/2		1/2		1/2		1/2	
3/4	81,004	3/4	66,106	3/4	51,563	3/4	36,686	3/4	21,712	3/4	6,738	3/4		3/4		3/4		3/4	
6	80,695	6	65,795	6	51,262	6	36,375	6	21,400	6	6,426	6		6		6		6	
1/4	80,386	1/4	65,483	1/4	50,961	1/4	36,063	1/4	21,089	1/4	6,114	1/4		1/4		1/4		1/4	
1/2	80,077	1/2	65,171	1/2	50,659	1/2	35,751	1/2	20,777	1/2	5,801	1/2		1/2		1/2		1/2	
3/4	79,768	3/4	64,859	3/4	50,358	3/4	35,439	3/4	20,465	3/4	5,489	3/4		3/4		3/4		3/4	
7	79,459	7	64,547	7	50,056	7	35,127	7	20,153	7	5,176	7		7		7		7	
1/4	79,150	1/4	64,238	1/4	49,750	1/4	34,815	1/4	19,841	1/4	4,864	1/4		1/4		1/4		1/4	
1/2	78,841	1/2	63,929	1/2	49,444	1/2	34,503	1/2	19,529	1/2	4,552	1/2		1/2		1/2		1/2	
3/4	78,532	3/4	63,620	3/4	49,138	3/4	34,191	3/4	19,218	3/4	4,239	3/4		3/4		3/4		3/4	
8	78,223	8	63,311	8	48,832	8	33,879	8	18,906	8	3,927	8		8		8		8	
1/4	77,914	1/4	63,007	1/4	48,521	1/4	33,567	1/4	18,594	1/4	3,616	1/4		1/4		1/4		1/4	
1/2	77,605	1/2	62,704	1/2	48,209	1/2	33,255	1/2	18,282	1/2	3,304	1/2		1/2		1/2		1/2	
3/4	77,296	3/4	62,400	3/4	47,898	3/4	32,943	3/4	17,970	3/4	2,992	3/4		3/4		3/4		3/4	
9	76,987	9	62,096	9	47,586	9	32,631	9	17,658	9	2,681	9		9		9		9	
1/4	76,678	1/4	61,794	1/4	47,275	1/4	32,319	1/4	17,346	1/4	2,389	1/4		1/4		1/4		1/4	
1/2	76,369	1/2	61,492	1/2	46,963	1/2	32,007	1/2	17,034	1/2	2,097	1/2		1/2		1/2		1/2	
3/4	76,060	3/4	61,190	3/4	46,652	3/4	31,695	3/4	16,722	3/4	1,805	3/4		3/4		3/4		3/4	
10	75,751	10	60,888	10	46,341	10	31,383	10	16,410	10	1,513	10		10		10		10	
1/4	75,442	1/4	60,587	1/4	46,029	1/4	31,071	1/4	16,098	1/4	1,292	1/4		1/4		1/4		1/4	
1/2	75,133	1/2	60,286	1/2	45,718	1/2	30,759	1/2	15,786	1/2	1,070	1/2		1/2		1/2		1/2	
3/4	74,824	3/4	59,985	3/4	45,406	3/4	30,447	3/4	15,474	3/4	849	3/4		3/4		3/4		3/4	
11	74,515	11	59,685	11	45,095	11	30,135	11	15,163	11	627	11		11		11		11	
1/4	74,205	1/4	59,384	1/4	44,784	1/4	29,823	1/4	14,851	1/4		1/4		1/4		1/4		1/4	
1/2	73,895	1/2	59,083	1/2	44,472	1/2	29,511	1/2	14,539	1/2		1/2		1/2		1/2		1/2	
3/4	73,585	3/4	58,782	3/4	44,161	3/4	29,199	3/4	14,227	3/4		3/4		3/4		3/4		3/4	

STRAPPED: 9/20/2016 SW  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "GBL 5430"

## PORT SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0	4,215	0	3,059	0	1,903	0	747	0		0		0		0	
1/4	1/4	1/4	1/4	1/4	4,191	1/4	3,035	1/4	1,879	1/4	723	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,166	1/2	3,010	1/2	1,854	1/2	698	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,142	3/4	2,986	3/4	1,830	3/4	674	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1		1		1	4,118	1	2,962	1	1,806	1	650	1		1		1		1	
1/4	1/4	1/4	1/4	1/4	4,094	1/4	2,938	1/4	1,782	1/4	626	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,070	1/2	2,914	1/2	1,758	1/2	602	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,046	3/4	2,890	3/4	1,734	3/4	578	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	4,022	2	2,866	2	1,710	2	554	2		2		2		2	
1/4	1/4	1/4	1/4	1/4	3,998	1/4	2,842	1/4	1,686	1/4	530	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,974	1/2	2,818	1/2	1,662	1/2	506	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,950	3/4	2,794	3/4	1,638	3/4	482	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3		3		3	3,926	3	2,770	3	1,614	3	458	3		3		3		3	
1/4	1/4	1/4	1/4	1/4	3,902	1/4	2,746	1/4	1,590	1/4	434	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,877	1/2	2,721	1/2	1,565	1/2	409	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,853	3/4	2,697	3/4	1,541	3/4	385	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4		4		4	3,829	4	2,673	4	1,517	4	361	4		4		4		4	
1/4	1/4	1/4	1/4	1/4	3,805	1/4	2,649	1/4	1,493	1/4	337	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,781	1/2	2,625	1/2	1,469	1/2	313	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,757	3/4	2,601	3/4	1,445	3/4	289	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5		5		5	3,733	5	2,577	5	1,421	5	265	5		5		5		5	
1/4	1/4	1/4	1/4	1/4	3,709	1/4	2,553	1/4	1,397	1/4	241	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,685	1/2	2,529	1/2	1,373	1/2	217	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,661	3/4	2,505	3/4	1,349	3/4	193	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6		6		6	3,637	6	2,481	6	1,325	6	169	6		6		6		6	
1/4	1/4	1/4	1/4	1/4	3,613	1/4	2,457	1/4	1,301	1/4	145	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,588	1/2	2,432	1/2	1,276	1/2	120	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,564	3/4	2,408	3/4	1,252	3/4	96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7		7		7	3,540	7	2,384	7	1,228	7	72	7		7		7		7	
1/4	1/4	1/4	1/4	1/4	3,516	1/4	2,360	1/4	1,204	1/4	48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,492	1/2	2,336	1/2	1,180	1/2	24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,624	3/4	3,468	3/4	2,312	3/4	0	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8		8		8	4,600	8	3,444	8	2,288	8	0	8		8		8		8	
1/4	1/4	1/4	1/4	1/4	4,576	1/4	3,420	1/4	2,264	1/4	1,108	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,552	1/2	3,396	1/2	2,240	1/2	1,084	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,528	3/4	3,372	3/4	2,216	3/4	1,060	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9		9		9	4,504	9	3,348	9	2,192	9	1,036	9		9		9		9	
1/4	1/4	1/4	1/4	1/4	4,480	1/4	3,324	1/4	2,168	1/4	1,012	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,455	1/2	3,299	1/2	2,143	1/2	987	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,431	3/4	3,275	3/4	2,119	3/4	963	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10		10		10	4,407	10	3,251	10	2,095	10	939	10		10		10		10	
1/4	1/4	1/4	1/4	1/4	4,383	1/4	3,227	1/4	2,071	1/4	915	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,359	1/2	3,203	1/2	2,047	1/2	891	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,335	3/4	3,179	3/4	2,023	3/4	867	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11		11		11	4,311	11	3,155	11	1,999	11	843	11		11		11		11	
1/4	1/4	1/4	1/4	1/4	4,287	1/4	3,131	1/4	1,975	1/4	819	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,263	1/2	3,107	1/2	1,951	1/2	795	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,239	3/4	3,083	3/4	1,927	3/4	771	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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: 9/20/2016 CL  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 9/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "GBL 5430"

## STBD SLOP ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-07 7/8"

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	4,259	0	3,091	0	1,922	0	754	0		0		0		0	
1/4	1/4	1/4	1/4	1/4	4,235	1/4	3,067	1/4	1,898	1/4	730	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,211	1/2	3,042	1/2	1,874	1/2	705	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,186	3/4	3,018	3/4	1,849	3/4	681	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1		1		1	4,162	1	2,993	1	1,825	1	657	1		1		1		1	
1/4	1/4	1/4	1/4	1/4	4,138	1/4	2,969	1/4	1,801	1/4	632	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,113	1/2	2,945	1/2	1,776	1/2	608	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	4,089	3/4	2,920	3/4	1,752	3/4	584	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2		2		2	4,064	2	2,896	2	1,728	2	559	2		2		2		2	
1/4	1/4	1/4	1/4	1/4	4,040	1/4	2,872	1/4	1,703	1/4	535	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	4,016	1/2	2,847	1/2	1,679	1/2	511	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,991	3/4	2,823	3/4	1,655	3/4	486	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3		3		3	3,967	3	2,799	3	1,630	3	462	3		3		3		3	
1/4	1/4	1/4	1/4	1/4	3,943	1/4	2,774	1/4	1,606	1/4	438	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,918	1/2	2,750	1/2	1,582	1/2	413	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,894	3/4	2,726	3/4	1,557	3/4	389	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4		4		4	3,870	4	2,701	4	1,533	4	365	4		4		4		4	
1/4	1/4	1/4	1/4	1/4	3,845	1/4	2,677	1/4	1,509	1/4	340	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,821	1/2	2,653	1/2	1,484	1/2	316	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,797	3/4	2,628	3/4	1,460	3/4	292	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5		5		5	3,772	5	2,604	5	1,436	5	267	5		5		5		5	
1/4	1/4	1/4	1/4	1/4	3,748	1/4	2,580	1/4	1,411	1/4	243	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,724	1/2	2,555	1/2	1,387	1/2	219	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,699	3/4	2,531	3/4	1,363	3/4	194	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6		6		6	3,675	6	2,507	6	1,338	6	170	6		6		6		6	
1/4	1/4	1/4	1/4	1/4	3,651	1/4	2,482	1/4	1,314	1/4	146	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,626	1/2	2,458	1/2	1,290	1/2	121	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3,602	3/4	2,434	3/4	1,265	3/4	97	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7		7		7	3,578	7	2,409	7	1,241	7	73	7		7		7		7	
1/4	1/4	1/4	1/4	1/4	3,553	1/4	2,385	1/4	1,217	1/4	48	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	3,529	1/2	2,361	1/2	1,192	1/2	24	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	7/8	4,673	3/4	3,505	3/4	2,336	3/4	1,168	3/4	12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8		8	4,649	8	3,480	8	2,312	8	1,144	7/8	0	8		8		8		8	
1/4	1/4	1/4	4,624	1/4	3,456	1/4	2,288	1/4	1,119	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	4,600	1/2	3,432	1/2	2,263	1/2	1,095	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	4,576	3/4	3,407	3/4	2,239	3/4	1,071	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9		9	4,551	9	3,383	9	2,215	9	1,046	9		9		9		9		9	
1/4	1/4	1/4	4,527	1/4	3,359	1/4	2,190	1/4	1,022	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	4,503	1/2	3,334	1/2	2,166	1/2	998	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	4,478	3/4	3,310	3/4	2,142	3/4	973	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10		10	4,454	10	3,286	10	2,117	10	949	10		10		10		10		10	
1/4	1/4	1/4	4,430	1/4	3,261	1/4	2,093	1/4	925	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	4,405	1/2	3,237	1/2	2,069	1/2	900	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	4,381	3/4	3,213	3/4	2,044	3/4	876	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11		11	4,357	11	3,188	11	2,020	11	851	11		11		11		11		11	
1/4	1/4	1/4	4,332	1/4	3,164	1/4	1,996	1/4	827	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	4,308	1/2	3,140	1/2	1,971	1/2	803	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	4,284	3/4	3,115	3/4	1,947	3/4	778	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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: 9/20/2016 CL  
CALCULATED: 9/21/2016 CL  
PRINTED: 9/22/2016 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 9/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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