



# BARGE "GBL 3432B"

## INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
2 STBD	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8

(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 3 PORT IS - 00-5/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 284'-09"

November 9, 2012

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

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 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "GBL 3432B"

## 1 PORT INNAGE 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	699	0	16,988	0	33,782	0	50,575	0	67,369	0	84,150	0	100,936	0	117,730	0	134,520	0	151,307
1/4	947	1/4	17,338	1/4	34,132	1/4	50,925	1/4	67,719	1/4	84,499	1/4	101,286	1/4	118,080	1/4	134,870	1/4	151,657
1/2	1,195	1/2	17,688	1/2	34,481	1/2	51,275	1/2	68,069	1/2	84,849	1/2	101,636	1/2	118,430	1/2	135,219	1/2	152,006
3/4	1,442	3/4	18,037	3/4	34,831	3/4	51,625	3/4	68,419	3/4	85,198	3/4	101,986	3/4	118,780	3/4	135,569	3/4	152,356
1	1,690	1	18,387	1	35,181	1	51,975	1	68,769	1	85,547	1	102,336	1	119,130	1	135,919	1	152,706
1/4	2,017	1/4	18,737	1/4	35,531	1/4	52,325	1/4	69,119	1/4	85,896	1/4	102,686	1/4	119,480	1/4	136,269	1/4	153,056
1/2	2,344	1/2	19,087	1/2	35,881	1/2	52,675	1/2	69,469	1/2	86,246	1/2	103,035	1/2	119,830	1/2	136,618	1/2	153,405
3/4	2,671	3/4	19,437	3/4	36,231	3/4	53,025	3/4	69,818	3/4	86,595	3/4	103,385	3/4	120,180	3/4	136,968	3/4	153,755
2	2,998	2	19,787	2	36,581	2	53,374	2	70,168	2	86,944	2	103,735	2	120,529	2	137,318	2	154,105
1/4	3,347	1/4	20,137	1/4	36,930	1/4	53,724	1/4	70,518	1/4	87,294	1/4	104,085	1/4	120,879	1/4	137,668	1/4	154,455
1/2	3,696	1/2	20,487	1/2	37,280	1/2	54,074	1/2	70,868	1/2	87,643	1/2	104,435	1/2	121,229	1/2	138,017	1/2	154,804
3/4	4,045	3/4	20,836	3/4	37,630	3/4	54,424	3/4	71,218	3/4	87,993	3/4	104,785	3/4	121,579	3/4	138,367	3/4	155,154
3	4,393	3	21,186	3	37,980	3	54,774	3	71,568	3	88,342	3	105,135	3	121,929	3	138,717	3	155,504
1/4	4,743	1/4	21,536	1/4	38,330	1/4	55,124	1/4	71,918	1/4	88,691	1/4	105,485	1/4	122,279	1/4	139,066	1/4	155,853
1/2	5,093	1/2	21,886	1/2	38,680	1/2	55,474	1/2	72,267	1/2	89,041	1/2	105,834	1/2	122,629	1/2	139,416	1/2	156,203
3/4	5,442	3/4	22,236	3/4	39,030	3/4	55,824	3/4	72,617	3/4	89,391	3/4	106,184	3/4	122,979	3/4	139,766	3/4	156,553
4	5,792	4	22,586	4	39,380	4	56,173	4	72,967	4	89,740	4	106,534	4	123,328	4	140,116	4	156,903
1/4	6,142	1/4	22,936	1/4	39,729	1/4	56,523	1/4	73,317	1/4	90,090	1/4	106,884	1/4	123,678	1/4	140,465	1/4	157,252
1/2	6,492	1/2	23,286	1/2	40,079	1/2	56,873	1/2	73,667	1/2	90,440	1/2	107,234	1/2	124,028	1/2	140,815	1/2	157,602
3/4	6,842	3/4	23,635	3/4	40,429	3/4	57,223	3/4	74,017	3/4	90,790	3/4	107,584	3/4	124,378	3/4	141,165	3/4	157,952
5	7,191	5	23,985	5	40,779	5	57,573	5	74,367	5	91,140	5	107,934	5	124,728	5	141,515	5	158,302
1/4	7,541	1/4	24,335	1/4	41,129	1/4	57,923	1/4	74,716	1/4	91,489	1/4	108,284	1/4	125,077	1/4	141,864	1/4	158,651
1/2	7,891	1/2	24,685	1/2	41,479	1/2	58,273	1/2	75,066	1/2	91,839	1/2	108,634	1/2	125,427	1/2	142,214	1/2	159,001
3/4	8,241	3/4	25,035	3/4	41,829	3/4	58,622	3/4	75,416	3/4	92,189	3/4	108,983	3/4	125,777	3/4	142,564	3/4	159,351
6	8,591	6	25,385	6	42,179	6	58,972	6	75,766	6	92,539	6	109,333	6	126,127	6	142,913	6	159,700
1/4	8,941	1/4	25,735	1/4	42,528	1/4	59,322	1/4	76,115	1/4	92,889	1/4	109,683	1/4	126,476	1/4	143,263	1/4	160,050
1/2	9,291	1/2	26,084	1/2	42,878	1/2	59,672	1/2	76,465	1/2	93,239	1/2	110,033	1/2	126,826	1/2	143,613	1/2	160,400
3/4	9,641	3/4	26,434	3/4	43,228	3/4	60,022	3/4	76,814	3/4	93,589	3/4	110,383	3/4	127,176	3/4	143,963	3/4	160,750
7	9,990	7	26,784	7	43,578	7	60,372	7	77,164	7	93,939	7	110,733	7	127,525	7	144,312	7	161,099
1/4	10,340	1/4	27,134	1/4	43,928	1/4	60,722	1/4	77,513	1/4	94,288	1/4	111,083	1/4	127,875	1/4	144,662	1/4	161,449
1/2	10,690	1/2	27,484	1/2	44,278	1/2	61,072	1/2	77,862	1/2	94,638	1/2	111,433	1/2	128,225	1/2	145,012	1/2	161,799
3/4	11,040	3/4	27,834	3/4	44,628	3/4	61,421	3/4	78,212	3/4	94,988	3/4	111,782	3/4	128,575	3/4	145,362	3/4	162,149
8	11,390	8	28,184	8	44,978	8	61,771	8	78,561	8	95,338	8	112,132	8	128,924	8	145,711	8	162,498
1/4	11,740	1/4	28,534	1/4	45,327	1/4	62,121	1/4	78,910	1/4	95,688	1/4	112,482	1/4	129,274	1/4	146,061	1/4	162,848
1/2	12,090	1/2	28,883	1/2	45,677	1/2	62,471	1/2	79,260	1/2	96,038	1/2	112,832	1/2	129,624	1/2	146,411	1/2	163,198
3/4	12,439	3/4	29,233	3/4	46,027	3/4	62,821	3/4	79,609	3/4	96,388	3/4	113,182	3/4	129,974	3/4	146,760	3/4	163,547
9	12,789	9	29,583	9	46,377	9	63,171	9	79,958	9	96,738	9	113,532	9	130,323	9	147,110	9	163,897
1/4	13,139	1/4	29,933	1/4	46,727	1/4	63,521	1/4	80,308	1/4	97,087	1/4	113,882	1/4	130,673	1/4	147,460	1/4	164,247
1/2	13,489	1/2	30,283	1/2	47,077	1/2	63,871	1/2	80,657	1/2	97,437	1/2	114,232	1/2	131,023	1/2	147,810	1/2	164,597
3/4	13,839	3/4	30,633	3/4	47,427	3/4	64,220	3/4	81,006	3/4	97,787	3/4	114,581	3/4	131,372	3/4	148,159	3/4	164,946
10	14,189	10	30,983	10	47,776	10	64,570	10	81,356	10	98,137	10	114,931	10	131,722	10	148,509	10	165,296
1/4	14,539	1/4	31,333	1/4	48,126	1/4	64,920	1/4	81,705	1/4	98,487	1/4	115,281	1/4	132,072	1/4	148,859	1/4	165,646
1/2	14,889	1/2	31,682	1/2	48,476	1/2	65,270	1/2	82,054	1/2	98,837	1/2	115,631	1/2	132,422	1/2	149,209	1/2	165,996
3/4	15,238	3/4	32,032	3/4	48,826	3/4	65,620	3/4	82,403	3/4	99,187	3/4	115,981	3/4	132,771	3/4	149,558	3/4	166,345
11	15,588	11	32,382	11	49,176	11	65,970	11	82,753	11	99,537	11	116,331	11	133,121	11	149,908	11	166,695
1/4	15,938	1/4	32,732	1/4	49,526	1/4	66,320	1/4	83,102	1/4	99,887	1/4	116,681	1/4	133,471	1/4	150,258	1/4	167,045
1/2	16,288	1/2	33,082	1/2	49,876	1/2	66,670	1/2	83,451	1/2	100,236	1/2	117,031	1/2	133,821	1/2	150,607	1/2	167,394
3/4	16,638	3/4	33,432	3/4	50,226	3/4	67,019	3/4	83,801	3/4	100,586	3/4	117,381	3/4	134,170	3/4	150,957	3/4	167,744

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 47'-06" FORWARD OF AFT BULKHEAD.

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# BARGE "GBL 3432B"

## 1 PORT INNAGE 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	168,094	0	182,399	0	196,381	0	210,322	0	224,173	0		0		0		0		0	
1/4	168,444	1/4	182,691	1/4	196,672	1/4	210,612	1/4	224,445	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	168,793	1/2	182,982	1/2	196,962	1/2	210,903	1/2	224,718	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	169,143	3/4	183,273	3/4	197,252	3/4	211,193	3/4	224,990	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	169,493	1	183,565	1	197,543	1	211,483	1	225,262	1	1	1	1	1	1	1	1	1	1
1/4	169,806	1/4	183,856	1/4	197,833	1/4	211,774	1/4	225,494	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	170,119	1/2	184,147	1/2	198,124	1/2	212,064	1/2	225,726	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	170,432	3/4	184,439	3/4	198,414	3/4	212,355	3/4	225,958	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	170,746	2	184,730	2	198,705	2	212,645	2	226,190	2	2	2	2	2	2	2	2	2	2
1/4	171,037	1/4	185,021	1/4	198,995	1/4	212,934	1/4	226,372	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	171,328	1/2	185,313	1/2	199,285	1/2	213,223	1/2	226,555	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	171,620	3/4	185,604	3/4	199,576	3/4	213,512	3/4	226,737	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	171,911	3	185,895	3	199,866	3	213,801	3	226,919	3	3	3	3	3	3	3	3	3	3
1/4	172,202	1/4	186,187	1/4	200,157	1/4	214,090	1/4	227,051	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	172,494	1/2	186,478	1/2	200,447	1/2	214,378	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	172,785	3/4	186,769	3/4	200,738	3/4	214,666	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	173,076	4	187,061	4	201,028	4	214,954	4	=====	4	4	4	4	4	4	4	4	4	4
1/4	173,368	1/4	187,352	1/4	201,318	1/4	215,242	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	173,659	1/2	187,643	1/2	201,609	1/2	215,531	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	173,950	3/4	187,935	3/4	201,899	3/4	215,819	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	174,242	5	188,226	5	202,190	5	216,107	5	=====	5	5	5	5	5	5	5	5	5	5
1/4	174,533	1/4	188,517	1/4	202,480	1/4	216,395	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	174,824	1/2	188,809	1/2	202,771	1/2	216,684	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	175,116	3/4	189,100	3/4	203,061	3/4	216,972	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	175,407	6	189,391	6	203,351	6	217,260	6	=====	6	6	6	6	6	6	6	6	6	6
1/4	175,698	1/4	189,683	1/4	203,642	1/4	217,548	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175,990	1/2	189,974	1/2	203,932	1/2	217,837	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	176,281	3/4	190,265	3/4	204,223	3/4	218,125	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	176,572	7	190,557	7	204,513	7	218,413	7	=====	7	7	7	7	7	7	7	7	7	7
1/4	176,864	1/4	190,848	1/4	204,804	1/4	218,701	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	177,155	1/2	191,139	1/2	205,094	1/2	218,990	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	177,447	3/4	191,431	3/4	205,384	3/4	219,278	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	177,738	8	191,722	8	205,675	8	219,566	8	=====	8	8	8	8	8	8	8	8	8	8
1/4	178,029	1/4	192,013	1/4	205,965	1/4	219,854	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	178,321	1/2	192,305	1/2	206,256	1/2	220,143	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178,612	3/4	192,596	3/4	206,546	3/4	220,431	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	178,903	9	192,887	9	206,837	9	220,719	9	=====	9	9	9	9	9	9	9	9	9	9
1/4	179,195	1/4	193,179	1/4	207,127	1/4	221,007	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	179,486	1/2	193,470	1/2	207,417	1/2	221,296	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	179,777	3/4	193,761	3/4	207,708	3/4	221,584	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	180,069	10	194,053	10	207,998	10	221,872	10	=====	10	10	10	10	10	10	10	10	10	10
1/4	180,360	1/4	194,344	1/4	208,289	1/4	222,160	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	180,651	1/2	194,635	1/2	208,579	1/2	222,448	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	180,943	3/4	194,927	3/4	208,870	3/4	222,736	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	181,234	11	195,218	11	209,160	11	223,025	11	=====	11	11	11	11	11	11	11	11	11	11
1/4	181,525	1/4	195,509	1/4	209,450	1/4	223,312	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	181,817	1/2	195,800	1/2	209,741	1/2	223,599	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	182,108	3/4	196,090	3/4	210,031	3/4	223,886	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
CALCULATED: 11/08/2012 CL  
PRINTED: 11/09/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

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



# BARGE "GBL 3432B"

## 1 STBD INNAGE 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	698	0	16,973	0	33,752	0	50,532	0	67,311	0	84,027	0	100,769	0	117,549	0	134,324	0	151,096
1/4	946	1/4	17,323	1/4	34,102	1/4	50,881	1/4	67,660	1/4	84,374	1/4	101,119	1/4	117,898	1/4	134,673	1/4	151,445
1/2	1,194	1/2	17,672	1/2	34,451	1/2	51,231	1/2	68,010	1/2	84,721	1/2	101,468	1/2	118,248	1/2	135,023	1/2	151,795
3/4	1,441	3/4	18,022	3/4	34,801	3/4	51,580	3/4	68,359	3/4	85,068	3/4	101,818	3/4	118,597	3/4	135,372	3/4	152,144
1	1,689	1	18,371	1	35,151	1	51,930	1	68,709	1	85,416	1	102,167	1	118,947	1	135,721	1	152,494
1/4	2,015	1/4	18,721	1/4	35,500	1/4	52,279	1/4	69,059	1/4	85,763	1/4	102,517	1/4	119,297	1/4	136,071	1/4	152,843
1/2	2,342	1/2	19,070	1/2	35,850	1/2	52,629	1/2	69,408	1/2	86,110	1/2	102,866	1/2	119,646	1/2	136,420	1/2	153,193
3/4	2,669	3/4	19,420	3/4	36,199	3/4	52,978	3/4	69,758	3/4	86,457	3/4	103,216	3/4	119,996	3/4	136,770	3/4	153,542
2	2,995	2	19,770	2	36,549	2	53,328	2	70,107	2	86,804	2	103,566	2	120,345	2	137,119	2	153,891
1/4	3,344	1/4	20,119	1/4	36,898	1/4	53,678	1/4	70,457	1/4	87,152	1/4	103,915	1/4	120,695	1/4	137,468	1/4	154,241
1/2	3,692	1/2	20,469	1/2	37,248	1/2	54,027	1/2	70,806	1/2	87,499	1/2	104,265	1/2	121,044	1/2	137,818	1/2	154,590
3/4	4,041	3/4	20,818	3/4	37,598	3/4	54,377	3/4	71,156	3/4	87,846	3/4	104,614	3/4	121,394	3/4	138,167	3/4	154,940
3	4,390	3	21,168	3	37,947	3	54,726	3	71,506	3	88,194	3	104,964	3	121,744	3	138,517	3	155,289
1/4	4,739	1/4	21,517	1/4	38,297	1/4	55,076	1/4	71,855	1/4	88,541	1/4	105,313	1/4	122,093	1/4	138,866	1/4	155,638
1/2	5,088	1/2	21,867	1/2	38,646	1/2	55,425	1/2	72,204	1/2	88,889	1/2	105,663	1/2	122,443	1/2	139,216	1/2	155,988
3/4	5,438	3/4	22,217	3/4	38,996	3/4	55,775	3/4	72,553	3/4	89,237	3/4	106,013	3/4	122,792	3/4	139,565	3/4	156,337
4	5,787	4	22,566	4	39,345	4	56,125	4	72,903	4	89,585	4	106,362	4	123,142	4	139,914	4	156,687
1/4	6,137	1/4	22,916	1/4	39,695	1/4	56,474	1/4	73,251	1/4	89,934	1/4	106,712	1/4	123,491	1/4	140,264	1/4	157,036
1/2	6,486	1/2	23,265	1/2	40,045	1/2	56,824	1/2	73,600	1/2	90,283	1/2	107,061	1/2	123,841	1/2	140,613	1/2	157,386
3/4	6,836	3/4	23,615	3/4	40,394	3/4	57,173	3/4	73,949	3/4	90,632	3/4	107,411	3/4	124,190	3/4	140,963	3/4	157,735
5	7,185	5	23,964	5	40,744	5	57,523	5	74,298	5	90,981	5	107,761	5	124,540	5	141,312	5	158,084
1/4	7,535	1/4	24,314	1/4	41,093	1/4	57,872	1/4	74,646	1/4	91,330	1/4	108,110	1/4	124,889	1/4	141,662	1/4	158,434
1/2	7,884	1/2	24,664	1/2	41,443	1/2	58,222	1/2	74,995	1/2	91,680	1/2	108,460	1/2	125,239	1/2	142,011	1/2	158,783
3/4	8,234	3/4	25,013	3/4	41,792	3/4	58,572	3/4	75,343	3/4	92,030	3/4	108,809	3/4	125,588	3/4	142,360	3/4	159,133
6	8,583	6	25,363	6	42,142	6	58,921	6	75,692	6	92,379	6	109,159	6	125,937	6	142,710	6	159,482
1/4	8,933	1/4	25,712	1/4	42,491	1/4	59,271	1/4	76,039	1/4	92,729	1/4	109,508	1/4	126,287	1/4	143,059	1/4	159,832
1/2	9,283	1/2	26,062	1/2	42,841	1/2	59,620	1/2	76,387	1/2	93,078	1/2	109,858	1/2	126,636	1/2	143,409	1/2	160,181
3/4	9,632	3/4	26,411	3/4	43,191	3/4	59,970	3/4	76,735	3/4	93,428	3/4	110,208	3/4	126,986	3/4	143,758	3/4	160,530
7	9,982	7	26,761	7	43,540	7	60,319	7	77,083	7	93,777	7	110,557	7	127,335	7	144,108	7	160,880
1/4	10,331	1/4	27,111	1/4	43,890	1/4	60,669	1/4	77,430	1/4	94,127	1/4	110,907	1/4	127,685	1/4	144,457	1/4	161,229
1/2	10,681	1/2	27,460	1/2	44,239	1/2	61,019	1/2	77,777	1/2	94,477	1/2	111,256	1/2	128,034	1/2	144,806	1/2	161,579
3/4	11,030	3/4	27,810	3/4	44,589	3/4	61,368	3/4	78,124	3/4	94,826	3/4	111,606	3/4	128,383	3/4	145,156	3/4	161,928
8	11,380	8	28,159	8	44,938	8	61,718	8	78,472	8	95,176	8	111,955	8	128,733	8	145,505	8	162,278
1/4	11,730	1/4	28,509	1/4	45,288	1/4	62,067	1/4	78,819	1/4	95,525	1/4	112,305	1/4	129,082	1/4	145,855	1/4	162,627
1/2	12,079	1/2	28,858	1/2	45,638	1/2	62,417	1/2	79,166	1/2	95,875	1/2	112,655	1/2	129,432	1/2	146,204	1/2	162,976
3/4	12,429	3/4	29,208	3/4	45,987	3/4	62,766	3/4	79,513	3/4	96,225	3/4	113,004	3/4	129,781	3/4	146,553	3/4	163,326
9	12,778	9	29,557	9	46,337	9	63,116	9	79,860	9	96,574	9	113,354	9	130,131	9	146,903	9	163,675
1/4	13,128	1/4	29,907	1/4	46,686	1/4	63,466	1/4	80,208	1/4	96,924	1/4	113,703	1/4	130,480	1/4	147,252	1/4	164,025
1/2	13,477	1/2	30,257	1/2	47,036	1/2	63,815	1/2	80,555	1/2	97,273	1/2	114,053	1/2	130,829	1/2	147,602	1/2	164,374
3/4	13,827	3/4	30,606	3/4	47,385	3/4	64,165	3/4	80,902	3/4	97,623	3/4	114,402	3/4	131,179	3/4	147,951	3/4	164,724
10	14,177	10	30,956	10	47,735	10	64,514	10	81,249	10	97,972	10	114,752	10	131,528	10	148,301	10	165,073
1/4	14,526	1/4	31,305	1/4	48,085	1/4	64,864	1/4	81,596	1/4	98,322	1/4	115,102	1/4	131,878	1/4	148,650	1/4	165,422
1/2	14,876	1/2	31,655	1/2	48,434	1/2	65,213	1/2	81,944	1/2	98,672	1/2	115,451	1/2	132,227	1/2	148,999	1/2	165,772
3/4	15,225	3/4	32,004	3/4	48,784	3/4	65,563	3/4	82,291	3/4	99,021	3/4	115,801	3/4	132,577	3/4	149,349	3/4	166,121
11	15,575	11	32,354	11	49,133	11	65,912	11	82,638	11	99,371	11	116,150	11	132,926	11	149,698	11	166,471
1/4	15,924	1/4	32,704	1/4	49,483	1/4	66,262	1/4	82,985	1/4	99,720	1/4	116,500	1/4	133,275	1/4	150,048	1/4	166,820
1/2	16,274	1/2	33,053	1/2	49,832	1/2	66,612	1/2	83,332	1/2	100,070	1/2	116,849	1/2	133,625	1/2	150,397	1/2	167,169
3/4	16,624	3/4	33,403	3/4	50,182	3/4	66,961	3/4	83,680	3/4	100,419	3/4	117,199	3/4	133,974	3/4	150,747	3/4	167,519

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 47'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "GBL 3432B"

## 1 STBD INNAGE 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	167,868	0	182,159	0	196,126	0	210,052	0	223,889	0		0		0		0		0	
1/4	168,218	1/4	182,450	1/4	196,417	1/4	210,342	1/4	224,161	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	168,567	1/2	182,741	1/2	196,707	1/2	210,633	1/2	224,433	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	168,917	3/4	183,032	3/4	196,997	3/4	210,923	3/4	224,705	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	169,266	1	183,323	1	197,287	1	211,213	1	224,977	1	1	1	1	1	1	1	1	1	1
1/4	169,579	1/4	183,614	1/4	197,577	1/4	211,503	1/4	225,208	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	169,892	1/2	183,905	1/2	197,867	1/2	211,793	1/2	225,440	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	170,205	3/4	184,196	3/4	198,157	3/4	212,083	3/4	225,672	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	170,518	2	184,487	2	198,447	2	212,373	2	225,904	2	2	2	2	2	2	2	2	2	2
1/4	170,809	1/4	184,778	1/4	198,738	1/4	212,662	1/4	226,086	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	171,100	1/2	185,069	1/2	199,028	1/2	212,951	1/2	226,268	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	171,391	3/4	185,360	3/4	199,318	3/4	213,240	3/4	226,450	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	171,682	3	185,652	3	199,608	3	213,528	3	226,632	3	3	3	3	3	3	3	3	3	3
1/4	171,973	1/4	185,943	1/4	199,898	1/4	213,816	1/4	226,764	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	172,264	1/2	186,234	1/2	200,188	1/2	214,104	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	172,555	3/4	186,525	3/4	200,478	3/4	214,392	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	172,846	4	186,816	4	200,768	4	214,680	4	=====	4	4	4	4	4	4	4	4	4	4
1/4	173,137	1/4	187,107	1/4	201,059	1/4	214,968	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	173,428	1/2	187,398	1/2	201,349	1/2	215,256	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	173,719	3/4	187,689	3/4	201,639	3/4	215,544	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	174,010	5	187,980	5	201,929	5	215,832	5	=====	5	5	5	5	5	5	5	5	5	5
1/4	174,301	1/4	188,271	1/4	202,219	1/4	216,120	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	174,592	1/2	188,562	1/2	202,509	1/2	216,408	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	174,883	3/4	188,853	3/4	202,799	3/4	216,696	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	175,174	6	189,144	6	203,089	6	216,984	6	=====	6	6	6	6	6	6	6	6	6	6
1/4	175,465	1/4	189,435	1/4	203,380	1/4	217,271	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175,756	1/2	189,726	1/2	203,670	1/2	217,559	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	176,047	3/4	190,017	3/4	203,960	3/4	217,847	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	176,338	7	190,308	7	204,250	7	218,135	7	=====	7	7	7	7	7	7	7	7	7	7
1/4	176,629	1/4	190,599	1/4	204,540	1/4	218,423	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	176,920	1/2	190,890	1/2	204,830	1/2	218,711	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	177,212	3/4	191,181	3/4	205,120	3/4	218,999	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	177,503	8	191,472	8	205,410	8	219,287	8	=====	8	8	8	8	8	8	8	8	8	8
1/4	177,794	1/4	191,763	1/4	205,700	1/4	219,575	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	178,085	1/2	192,054	1/2	205,991	1/2	219,863	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178,376	3/4	192,345	3/4	206,281	3/4	220,151	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	178,667	9	192,636	9	206,571	9	220,439	9	=====	9	9	9	9	9	9	9	9	9	9
1/4	178,958	1/4	192,927	1/4	206,861	1/4	220,727	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	179,249	1/2	193,218	1/2	207,151	1/2	221,015	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	179,540	3/4	193,509	3/4	207,441	3/4	221,303	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	179,831	10	193,800	10	207,731	10	221,591	10	=====	10	10	10	10	10	10	10	10	10	10
1/4	180,122	1/4	194,092	1/4	208,021	1/4	221,879	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	180,413	1/2	194,383	1/2	208,312	1/2	222,166	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	180,704	3/4	194,674	3/4	208,602	3/4	222,454	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	180,995	11	194,965	11	208,892	11	222,742	11	=====	11	11	11	11	11	11	11	11	11	11
1/4	181,286	1/4	195,255	1/4	209,182	1/4	223,029	1/4	=====	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	181,577	1/2	195,546	1/2	209,472	1/2	223,316	1/2	=====	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	181,868	3/4	195,836	3/4	209,762	3/4	223,603	3/4	=====	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
CALCULATED: 11/08/2012 CL  
PRINTED: 11/09/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GBL 3432B"

## 2 PORT INNAGE 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	676	0	16,411	0	32,634	0	48,842	0	65,057	0	81,280	0	97,504	0	113,727	0	129,945	0	146,161
1/4	916	1/4	16,749	1/4	32,972	1/4	49,179	1/4	65,395	1/4	81,618	1/4	97,842	1/4	114,065	1/4	130,283	1/4	146,499
1/2	1,155	1/2	17,087	1/2	33,310	1/2	49,516	1/2	65,733	1/2	81,956	1/2	98,180	1/2	114,403	1/2	130,621	1/2	146,837
3/4	1,394	3/4	17,425	3/4	33,648	3/4	49,854	3/4	66,071	3/4	82,294	3/4	98,518	3/4	114,741	3/4	130,959	3/4	147,174
1	1,634	1	17,763	1	33,986	1	50,191	1	66,409	1	82,632	1	98,855	1	115,079	1	131,296	1	147,512
1/4	1,949	1/4	18,101	1/4	34,324	1/4	50,528	1/4	66,747	1/4	82,970	1/4	99,193	1/4	115,417	1/4	131,634	1/4	147,850
1/2	2,265	1/2	18,439	1/2	34,662	1/2	50,866	1/2	67,085	1/2	83,308	1/2	99,531	1/2	115,755	1/2	131,972	1/2	148,188
3/4	2,581	3/4	18,777	3/4	35,000	3/4	51,203	3/4	67,423	3/4	83,646	3/4	99,869	3/4	116,093	3/4	132,310	3/4	148,526
2	2,897	2	19,115	2	35,338	2	51,541	2	67,761	2	83,984	2	100,207	2	116,431	2	132,648	2	148,864
1/4	3,234	1/4	19,453	1/4	35,676	1/4	51,878	1/4	68,099	1/4	84,322	1/4	100,545	1/4	116,769	1/4	132,986	1/4	149,201
1/2	3,571	1/2	19,791	1/2	36,013	1/2	52,216	1/2	68,437	1/2	84,660	1/2	100,883	1/2	117,107	1/2	133,323	1/2	149,539
3/4	3,908	3/4	20,129	3/4	36,351	3/4	52,553	3/4	68,775	3/4	84,998	3/4	101,221	3/4	117,444	3/4	133,661	3/4	149,877
3	4,245	3	20,467	3	36,689	3	52,891	3	69,113	3	85,336	3	101,559	3	117,782	3	133,999	3	150,215
1/4	4,583	1/4	20,805	1/4	37,027	1/4	53,228	1/4	69,451	1/4	85,674	1/4	101,897	1/4	118,120	1/4	134,337	1/4	150,553
1/2	4,921	1/2	21,143	1/2	37,365	1/2	53,566	1/2	69,789	1/2	86,012	1/2	102,235	1/2	118,458	1/2	134,675	1/2	150,891
3/4	5,258	3/4	21,481	3/4	37,703	3/4	53,904	3/4	70,127	3/4	86,350	3/4	102,573	3/4	118,796	3/4	135,013	3/4	151,228
4	5,596	4	21,819	4	38,041	4	54,242	4	70,465	4	86,688	4	102,911	4	119,134	4	135,350	4	151,566
1/4	5,934	1/4	22,157	1/4	38,379	1/4	54,580	1/4	70,803	1/4	87,026	1/4	103,249	1/4	119,472	1/4	135,688	1/4	151,904
1/2	6,272	1/2	22,495	1/2	38,717	1/2	54,918	1/2	71,141	1/2	87,364	1/2	103,587	1/2	119,810	1/2	136,026	1/2	152,242
3/4	6,610	3/4	22,833	3/4	39,055	3/4	55,256	3/4	71,479	3/4	87,702	3/4	103,925	3/4	120,148	3/4	136,364	3/4	152,580
5	6,948	5	23,171	5	39,393	5	55,594	5	71,817	5	88,040	5	104,263	5	120,486	5	136,702	5	152,918
1/4	7,286	1/4	23,508	1/4	39,731	1/4	55,932	1/4	72,155	1/4	88,378	1/4	104,601	1/4	120,824	1/4	137,040	1/4	153,255
1/2	7,624	1/2	23,846	1/2	40,069	1/2	56,270	1/2	72,493	1/2	88,716	1/2	104,939	1/2	121,162	1/2	137,377	1/2	153,593
3/4	7,962	3/4	24,184	3/4	40,406	3/4	56,608	3/4	72,831	3/4	89,054	3/4	105,277	3/4	121,499	3/4	137,715	3/4	153,931
6	8,300	6	24,522	6	40,744	6	56,946	6	73,169	6	89,392	6	105,615	6	121,837	6	138,053	6	154,269
1/4	8,638	1/4	24,860	1/4	41,081	1/4	57,284	1/4	73,507	1/4	89,730	1/4	105,953	1/4	122,175	1/4	138,391	1/4	154,607
1/2	8,976	1/2	25,198	1/2	41,419	1/2	57,622	1/2	73,845	1/2	90,068	1/2	106,291	1/2	122,513	1/2	138,729	1/2	154,945
3/4	9,314	3/4	25,536	3/4	41,756	3/4	57,960	3/4	74,183	3/4	90,406	3/4	106,629	3/4	122,851	3/4	139,067	3/4	155,282
7	9,652	7	25,874	7	42,094	7	58,298	7	74,521	7	90,744	7	106,967	7	123,189	7	139,404	7	155,620
1/4	9,990	1/4	26,212	1/4	42,431	1/4	58,636	1/4	74,859	1/4	91,082	1/4	107,305	1/4	123,526	1/4	139,742	1/4	155,958
1/2	10,328	1/2	26,550	1/2	42,769	1/2	58,974	1/2	75,197	1/2	91,420	1/2	107,643	1/2	123,864	1/2	140,080	1/2	156,296
3/4	10,666	3/4	26,888	3/4	43,106	3/4	59,312	3/4	75,535	3/4	91,758	3/4	107,981	3/4	124,202	3/4	140,418	3/4	156,634
8	11,004	8	27,226	8	43,443	8	59,650	8	75,873	8	92,096	8	108,319	8	124,540	8	140,756	8	156,972
1/4	11,341	1/4	27,564	1/4	43,781	1/4	59,988	1/4	76,211	1/4	92,434	1/4	108,657	1/4	124,878	1/4	141,094	1/4	157,309
1/2	11,679	1/2	27,902	1/2	44,118	1/2	60,326	1/2	76,549	1/2	92,772	1/2	108,995	1/2	125,216	1/2	141,431	1/2	157,647
3/4	12,017	3/4	28,240	3/4	44,456	3/4	60,664	3/4	76,887	3/4	93,110	3/4	109,333	3/4	125,553	3/4	141,769	3/4	157,985
9	12,355	9	28,578	9	44,793	9	61,002	9	77,225	9	93,448	9	109,671	9	125,891	9	142,107	9	158,323
1/4	12,693	1/4	28,916	1/4	45,130	1/4	61,339	1/4	77,563	1/4	93,786	1/4	110,009	1/4	126,229	1/4	142,445	1/4	158,661
1/2	13,031	1/2	29,254	1/2	45,468	1/2	61,677	1/2	77,901	1/2	94,124	1/2	110,347	1/2	126,567	1/2	142,783	1/2	158,999
3/4	13,369	3/4	29,592	3/4	45,805	3/4	62,015	3/4	78,239	3/4	94,462	3/4	110,685	3/4	126,905	3/4	143,121	3/4	159,336
10	13,707	10	29,930	10	46,142	10	62,353	10	78,577	10	94,800	10	111,023	10	127,243	10	143,458	10	159,674
1/4	14,045	1/4	30,268	1/4	46,480	1/4	62,691	1/4	78,915	1/4	95,138	1/4	111,361	1/4	127,580	1/4	143,796	1/4	160,012
1/2	14,383	1/2	30,606	1/2	46,817	1/2	63,029	1/2	79,253	1/2	95,476	1/2	111,699	1/2	127,918	1/2	144,134	1/2	160,350
3/4	14,721	3/4	30,944	3/4	47,155	3/4	63,367	3/4	79,591	3/4	95,814	3/4	112,037	3/4	128,256	3/4	144,472	3/4	160,688
11	15,059	11	31,282	11	47,492	11	63,705	11	79,928	11	96,152	11	112,375	11	128,594	11	144,810	11	161,025
1/4	15,397	1/4	31,620	1/4	47,829	1/4	64,043	1/4	80,266	1/4	96,490	1/4	112,713	1/4	128,932	1/4	145,147	1/4	161,363
1/2	15,735	1/2	31,958	1/2	48,167	1/2	64,381	1/2	80,604	1/2	96,828	1/2	113,051	1/2	129,270	1/2	145,485	1/2	161,701
3/4	16,073	3/4	32,296	3/4	48,504	3/4	64,719	3/4	80,942	3/4	97,166	3/4	113,389	3/4	129,607	3/4	145,823	3/4	162,039

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 47'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "GBL 3432B"

## 2 PORT INNAGE 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	162,377	0	178,593	0	194,806	0	210,978	0	227,061	0		0		0		0		0	
1/4	162,715	1/4	178,930	1/4	195,143	1/4	211,315	1/4	227,381	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,052	1/2	179,268	1/2	195,480	1/2	211,652	1/2	227,700	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,390	3/4	179,606	3/4	195,817	3/4	211,989	3/4	228,019	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	163,728	1	179,944	1	196,154	1	212,326	1	228,338	1	1	1	1	1	1	1	1	1	1
1/4	164,066	1/4	180,282	1/4	196,491	1/4	212,663	1/4	228,619	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,404	1/2	180,620	1/2	196,828	1/2	213,000	1/2	228,899	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,742	3/4	180,957	3/4	197,165	3/4	213,337	3/4	229,180	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	165,079	2	181,295	2	197,501	2	213,673	2	229,460	2	2	2	2	2	2	2	2	2	2
1/4	165,417	1/4	181,633	1/4	197,838	1/4	214,009	1/4	229,692	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,755	1/2	181,971	1/2	198,175	1/2	214,345	1/2	229,925	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,093	3/4	182,309	3/4	198,512	3/4	214,680	3/4	230,157	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	166,431	3	182,647	3	198,849	3	215,016	3	230,389	3	3	3	3	3	3	3	3	3	3
1/4	166,769	1/4	182,984	1/4	199,186	1/4	215,350	1/4	230,573	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	167,106	1/2	183,322	1/2	199,523	1/2	215,685	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,444	3/4	183,660	3/4	199,860	3/4	216,020	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	167,782	4	183,998	4	200,197	4	216,355	4	4	4	4	4	4	4	4	4	4	4	4
1/4	168,120	1/4	184,336	1/4	200,534	1/4	216,689	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	168,458	1/2	184,674	1/2	200,871	1/2	217,024	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	168,796	3/4	185,011	3/4	201,208	3/4	217,359	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	169,133	5	185,349	5	201,544	5	217,693	5	5	5	5	5	5	5	5	5	5	5	5
1/4	169,471	1/4	185,687	1/4	201,881	1/4	218,028	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	169,809	1/2	186,025	1/2	202,218	1/2	218,363	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	170,147	3/4	186,363	3/4	202,555	3/4	218,698	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	170,485	6	186,701	6	202,892	6	219,032	6	6	6	6	6	6	6	6	6	6	6	6
1/4	170,823	1/4	187,038	1/4	203,229	1/4	219,367	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	171,160	1/2	187,376	1/2	203,566	1/2	219,702	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	171,498	3/4	187,714	3/4	203,903	3/4	220,037	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	171,836	7	188,052	7	204,240	7	220,371	7	7	7	7	7	7	7	7	7	7	7	7
1/4	172,174	1/4	188,390	1/4	204,577	1/4	220,706	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	172,512	1/2	188,727	1/2	204,914	1/2	221,041	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	172,850	3/4	189,065	3/4	205,251	3/4	221,375	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	173,187	8	189,403	8	205,587	8	221,710	8	8	8	8	8	8	8	8	8	8	8	8
1/4	173,525	1/4	189,741	1/4	205,924	1/4	222,045	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	173,863	1/2	190,079	1/2	206,261	1/2	222,380	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	174,201	3/4	190,417	3/4	206,598	3/4	222,714	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	174,539	9	190,754	9	206,935	9	223,049	9	9	9	9	9	9	9	9	9	9	9	9
1/4	174,876	1/4	191,092	1/4	207,272	1/4	223,384	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	175,214	1/2	191,430	1/2	207,609	1/2	223,719	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	175,552	3/4	191,768	3/4	207,946	3/4	224,053	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	175,890	10	192,106	10	208,283	10	224,388	10	10	10	10	10	10	10	10	10	10	10	10
1/4	176,228	1/4	192,444	1/4	208,620	1/4	224,723	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	176,566	1/2	192,781	1/2	208,957	1/2	225,057	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	176,903	3/4	193,119	3/4	209,294	3/4	225,392	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	177,241	11	193,457	11	209,630	11	225,727	11	11	11	11	11	11	11	11	11	11	11	11
1/4	177,579	1/4	193,794	1/4	209,967	1/4	226,060	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	177,917	1/2	194,132	1/2	210,304	1/2	226,394	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178,255	3/4	194,469	3/4	210,641	3/4	226,728	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
CALCULATED: 11/08/2012 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

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





# BARGE "GBL 3432B"

## 2 STBD INNAGE 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	677	0	16,426	0	32,663	0	48,885	0	64,915	0	80,873	0	97,021	0	113,259	0	129,492	0	145,722
1/4	916	1/4	16,764	1/4	33,001	1/4	49,223	1/4	65,247	1/4	81,206	1/4	97,359	1/4	113,597	1/4	129,830	1/4	146,060
1/2	1,156	1/2	17,102	1/2	33,340	1/2	49,561	1/2	65,580	1/2	81,538	1/2	97,697	1/2	113,935	1/2	130,168	1/2	146,398
3/4	1,396	3/4	17,441	3/4	33,678	3/4	49,899	3/4	65,912	3/4	81,871	3/4	98,036	3/4	114,273	3/4	130,506	3/4	146,736
1	1,635	1	17,779	1	34,016	1	50,236	1	66,245	1	82,203	1	98,374	1	114,612	1	130,844	1	147,075
1/4	1,951	1/4	18,117	1/4	34,354	1/4	50,574	1/4	66,577	1/4	82,536	1/4	98,712	1/4	114,950	1/4	131,182	1/4	147,413
1/2	2,267	1/2	18,455	1/2	34,693	1/2	50,912	1/2	66,910	1/2	82,868	1/2	99,051	1/2	115,288	1/2	131,520	1/2	147,751
3/4	2,583	3/4	18,794	3/4	35,031	3/4	51,249	3/4	67,242	3/4	83,201	3/4	99,389	3/4	115,627	3/4	131,859	3/4	148,089
2	2,899	2	19,132	2	35,369	2	51,587	2	67,575	2	83,533	2	99,727	2	115,965	2	132,197	2	148,427
1/4	3,237	1/4	19,470	1/4	35,708	1/4	51,925	1/4	67,907	1/4	83,866	1/4	100,065	1/4	116,303	1/4	132,535	1/4	148,765
1/2	3,574	1/2	19,809	1/2	36,046	1/2	52,263	1/2	68,240	1/2	84,198	1/2	100,404	1/2	116,641	1/2	132,873	1/2	149,103
3/4	3,911	3/4	20,147	3/4	36,384	3/4	52,600	3/4	68,572	3/4	84,530	3/4	100,742	3/4	116,980	3/4	133,211	3/4	149,442
3	4,249	3	20,485	3	36,722	3	52,938	3	68,905	3	84,863	3	101,080	3	117,318	3	133,549	3	149,780
1/4	4,587	1/4	20,823	1/4	37,061	1/4	53,273	1/4	69,237	1/4	85,197	1/4	101,419	1/4	117,656	1/4	133,887	1/4	150,118
1/2	4,925	1/2	21,162	1/2	37,399	1/2	53,607	1/2	69,570	1/2	85,532	1/2	101,757	1/2	117,995	1/2	134,226	1/2	150,456
3/4	5,263	3/4	21,500	3/4	37,737	3/4	53,942	3/4	69,902	3/4	85,866	3/4	102,095	3/4	118,333	3/4	134,564	3/4	150,794
4	5,601	4	21,838	4	38,076	4	54,276	4	70,234	4	86,200	4	102,433	4	118,671	4	134,902	4	151,132
1/4	5,939	1/4	22,177	1/4	38,414	1/4	54,609	1/4	70,567	1/4	86,537	1/4	102,772	1/4	119,009	1/4	135,240	1/4	151,470
1/2	6,278	1/2	22,515	1/2	38,752	1/2	54,941	1/2	70,899	1/2	86,874	1/2	103,110	1/2	119,348	1/2	135,578	1/2	151,809
3/4	6,616	3/4	22,853	3/4	39,090	3/4	55,274	3/4	71,232	3/4	87,212	3/4	103,448	3/4	119,686	3/4	135,916	3/4	152,147
5	6,954	5	23,191	5	39,429	5	55,606	5	71,564	5	87,549	5	103,787	5	120,024	5	136,254	5	152,485
1/4	7,292	1/4	23,530	1/4	39,767	1/4	55,938	1/4	71,897	1/4	87,887	1/4	104,125	1/4	120,362	1/4	136,592	1/4	152,823
1/2	7,631	1/2	23,868	1/2	40,105	1/2	56,271	1/2	72,229	1/2	88,225	1/2	104,463	1/2	120,700	1/2	136,931	1/2	153,161
3/4	7,969	3/4	24,206	3/4	40,443	3/4	56,603	3/4	72,562	3/4	88,564	3/4	104,801	3/4	121,038	3/4	137,269	3/4	153,499
6	8,307	6	24,544	6	40,781	6	56,936	6	72,894	6	88,902	6	105,140	6	121,376	6	137,607	6	153,837
1/4	8,645	1/4	24,883	1/4	41,118	1/4	57,268	1/4	73,227	1/4	89,240	1/4	105,478	1/4	121,715	1/4	137,945	1/4	154,175
1/2	8,984	1/2	25,221	1/2	41,456	1/2	57,601	1/2	73,559	1/2	89,579	1/2	105,816	1/2	122,053	1/2	138,283	1/2	154,514
3/4	9,322	3/4	25,559	3/4	41,794	3/4	57,933	3/4	73,892	3/4	89,917	3/4	106,155	3/4	122,391	3/4	138,621	3/4	154,852
7	9,660	7	25,898	7	42,132	7	58,266	7	74,224	7	90,255	7	106,493	7	122,729	7	138,959	7	155,190
1/4	9,999	1/4	26,236	1/4	42,469	1/4	58,598	1/4	74,557	1/4	90,593	1/4	106,831	1/4	123,067	1/4	139,298	1/4	155,528
1/2	10,337	1/2	26,574	1/2	42,807	1/2	58,931	1/2	74,889	1/2	90,932	1/2	107,169	1/2	123,405	1/2	139,636	1/2	155,866
3/4	10,675	3/4	26,912	3/4	43,145	3/4	59,263	3/4	75,221	3/4	91,270	3/4	107,508	3/4	123,743	3/4	139,974	3/4	156,204
8	11,013	8	27,251	8	43,482	8	59,596	8	75,554	8	91,608	8	107,846	8	124,082	8	140,312	8	156,542
1/4	11,352	1/4	27,589	1/4	43,820	1/4	59,928	1/4	75,886	1/4	91,947	1/4	108,184	1/4	124,420	1/4	140,650	1/4	156,881
1/2	11,690	1/2	27,927	1/2	44,158	1/2	60,261	1/2	76,219	1/2	92,285	1/2	108,523	1/2	124,758	1/2	140,988	1/2	157,219
3/4	12,028	3/4	28,265	3/4	44,495	3/4	60,593	3/4	76,551	3/4	92,623	3/4	108,861	3/4	125,096	3/4	141,326	3/4	157,557
9	12,366	9	28,604	9	44,833	9	60,925	9	76,884	9	92,961	9	109,199	9	125,434	9	141,664	9	157,895
1/4	12,705	1/4	28,942	1/4	45,171	1/4	61,258	1/4	77,216	1/4	93,300	1/4	109,537	1/4	125,772	1/4	142,003	1/4	158,233
1/2	13,043	1/2	29,280	1/2	45,509	1/2	61,590	1/2	77,549	1/2	93,638	1/2	109,876	1/2	126,110	1/2	142,341	1/2	158,571
3/4	13,381	3/4	29,619	3/4	45,846	3/4	61,923	3/4	77,881	3/4	93,976	3/4	110,214	3/4	126,448	3/4	142,679	3/4	158,909
10	13,720	10	29,957	10	46,184	10	62,255	10	78,214	10	94,315	10	110,552	10	126,787	10	143,017	10	159,247
1/4	14,058	1/4	30,295	1/4	46,522	1/4	62,588	1/4	78,546	1/4	94,653	1/4	110,891	1/4	127,125	1/4	143,355	1/4	159,586
1/2	14,396	1/2	30,633	1/2	46,859	1/2	62,920	1/2	78,879	1/2	94,991	1/2	111,229	1/2	127,463	1/2	143,693	1/2	159,924
3/4	14,734	3/4	30,972	3/4	47,197	3/4	63,253	3/4	79,211	3/4	95,329	3/4	111,567	3/4	127,801	3/4	144,031	3/4	160,262
11	15,073	11	31,310	11	47,535	11	63,585	11	79,544	11	95,668	11	111,905	11	128,139	11	144,370	11	160,600
1/4	15,411	1/4	31,648	1/4	47,872	1/4	63,918	1/4	79,876	1/4	96,006	1/4	112,244	1/4	128,477	1/4	144,708	1/4	160,938
1/2	15,749	1/2	31,987	1/2	48,210	1/2	64,250	1/2	80,208	1/2	96,344	1/2	112,582	1/2	128,815	1/2	145,046	1/2	161,276
3/4	16,088	3/4	32,325	3/4	48,548	3/4	64,583	3/4	80,541	3/4	96,683	3/4	112,920	3/4	129,154	3/4	145,384	3/4	161,614

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 47'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE "GBL 3432B"

## 2 STBD INNAGE 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	161,953	0	178,183	0	194,411	0	210,598	0	226,696	0		0		0		0		0	
1/4	162,291	1/4	178,521	1/4	194,748	1/4	210,935	1/4	227,015	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,629	1/2	178,859	1/2	195,085	1/2	211,272	1/2	227,334	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,967	3/4	179,197	3/4	195,423	3/4	211,609	3/4	227,654	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	163,305	1	179,535	1	195,760	1	211,947	1	227,973	1	1	1	1	1	1	1	1	1	1
1/4	163,643	1/4	179,874	1/4	196,097	1/4	212,284	1/4	228,254	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,981	1/2	180,212	1/2	196,434	1/2	212,621	1/2	228,535	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,319	3/4	180,550	3/4	196,772	3/4	212,958	3/4	228,816	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	164,658	2	180,888	2	197,109	2	213,295	2	229,096	2	2	2	2	2	2	2	2	2	2
1/4	164,996	1/4	181,226	1/4	197,446	1/4	213,631	1/4	229,329	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,334	1/2	181,564	1/2	197,783	1/2	213,967	1/2	229,561	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,672	3/4	181,902	3/4	198,120	3/4	214,303	3/4	229,794	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	166,010	3	182,241	3	198,458	3	214,639	3	230,026	3	3	3	3	3	3	3	3	3	3
1/4	166,348	1/4	182,579	1/4	198,795	1/4	214,974	1/4	230,211	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,686	1/2	182,917	1/2	199,132	1/2	215,309	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,025	3/4	183,255	3/4	199,469	3/4	215,644	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	167,363	4	183,593	4	199,807	4	215,979	4		4	4	4	4	4	4	4	4	4	4
1/4	167,701	1/4	183,931	1/4	200,144	1/4	216,314	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	168,039	1/2	184,269	1/2	200,481	1/2	216,649	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	168,377	3/4	184,607	3/4	200,818	3/4	216,984	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	168,715	5	184,946	5	201,155	5	217,319	5		5	5	5	5	5	5	5	5	5	5
1/4	169,053	1/4	185,284	1/4	201,493	1/4	217,654	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	169,391	1/2	185,622	1/2	201,830	1/2	217,989	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	169,730	3/4	185,960	3/4	202,167	3/4	218,324	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	170,068	6	186,298	6	202,504	6	218,659	6		6	6	6	6	6	6	6	6	6	6
1/4	170,406	1/4	186,636	1/4	202,842	1/4	218,994	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	170,744	1/2	186,974	1/2	203,179	1/2	219,329	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	171,082	3/4	187,313	3/4	203,516	3/4	219,664	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	171,420	7	187,651	7	203,853	7	219,999	7		7	7	7	7	7	7	7	7	7	7
1/4	171,758	1/4	187,989	1/4	204,190	1/4	220,334	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	172,097	1/2	188,327	1/2	204,528	1/2	220,669	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	172,435	3/4	188,665	3/4	204,865	3/4	221,004	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	172,773	8	189,003	8	205,202	8	221,339	8		8	8	8	8	8	8	8	8	8	8
1/4	173,111	1/4	189,341	1/4	205,539	1/4	221,674	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	173,449	1/2	189,679	1/2	205,877	1/2	222,010	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	173,787	3/4	190,018	3/4	206,214	3/4	222,345	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	174,125	9	190,356	9	206,551	9	222,680	9		9	9	9	9	9	9	9	9	9	9
1/4	174,463	1/4	190,694	1/4	206,888	1/4	223,015	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	174,802	1/2	191,032	1/2	207,225	1/2	223,350	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	175,140	3/4	191,370	3/4	207,563	3/4	223,685	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	175,478	10	191,708	10	207,900	10	224,020	10		10	10	10	10	10	10	10	10	10	10
1/4	175,816	1/4	192,046	1/4	208,237	1/4	224,355	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	176,154	1/2	192,385	1/2	208,574	1/2	224,690	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	176,492	3/4	192,723	3/4	208,912	3/4	225,025	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	176,830	11	193,061	11	209,249	11	225,359	11		11	11	11	11	11	11	11	11	11	11
1/4	177,169	1/4	193,398	1/4	209,586	1/4	225,693	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	177,507	1/2	193,736	1/2	209,923	1/2	226,028	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	177,845	3/4	194,073	3/4	210,260	3/4	226,362	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
CALCULATED: 11/08/2012 CL  
PRINTED: 11/09/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

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



# BARGE "GBL 3432B"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-7 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	806	0	16,867	0	33,040	0	49,191	0	65,365	0	81,539	0	97,713	0	113,887	0	130,042	0	146,131
1/4	1,115	1/4	17,204	1/4	33,377	1/4	49,528	1/4	65,702	1/4	81,876	1/4	98,050	1/4	114,223	1/4	130,378	1/4	146,440
1/2	1,423	1/2	17,541	1/2	33,714	1/2	49,865	1/2	66,039	1/2	82,213	1/2	98,387	1/2	114,560	1/2	130,715	1/2	146,749
3/4	1,732	3/4	17,877	3/4	34,051	3/4	50,202	3/4	66,376	3/4	82,550	3/4	98,724	3/4	114,897	3/4	131,051	3/4	147,058
1	2,041	1	18,214	1	34,388	1	50,539	1	66,713	1	82,887	1	99,061	1	115,233	1	131,388	1	147,367
1/4	2,378	1/4	18,551	1/4	34,725	1/4	50,876	1/4	67,050	1/4	83,224	1/4	99,398	1/4	115,570	1/4	131,724	1/4	147,662
1/2	2,715	1/2	18,888	1/2	35,062	1/2	51,213	1/2	67,387	1/2	83,561	1/2	99,735	1/2	115,906	1/2	132,061	1/2	147,957
3/4	3,052	3/4	19,225	3/4	35,399	3/4	51,550	3/4	67,724	3/4	83,898	3/4	100,072	3/4	116,243	3/4	132,397	3/4	148,252
2	3,389	2	19,562	2	35,736	2	51,887	2	68,061	2	84,235	2	100,409	2	116,580	2	132,734	2	148,547
1/4	3,726	1/4	19,899	1/4	36,072	1/4	52,224	1/4	68,398	1/4	84,572	1/4	100,745	1/4	116,916	1/4	133,070	1/4	148,829
1/2	4,063	1/2	20,236	1/2	36,409	1/2	52,561	1/2	68,735	1/2	84,909	1/2	101,082	1/2	117,253	1/2	133,407	1/2	149,110
3/4	4,400	3/4	20,573	3/4	36,745	3/4	52,898	3/4	69,072	3/4	85,246	3/4	101,419	3/4	117,589	3/4	133,744	3/4	149,391
3	4,737	3	20,910	3	37,082	3	53,235	3	69,409	3	85,582	3	101,756	3	117,926	3	134,080	3	149,673
1/4	5,073	1/4	21,247	1/4	37,418	1/4	53,572	1/4	69,746	1/4	85,919	1/4	102,093	1/4	118,262	1/4	134,417	1/4	149,940
1/2	5,410	1/2	21,584	1/2	37,754	1/2	53,909	1/2	70,083	1/2	86,256	1/2	102,430	1/2	118,599	1/2	134,753	1/2	150,207
3/4	5,747	3/4	21,921	3/4	38,091	3/4	54,246	3/4	70,419	3/4	86,593	3/4	102,767	3/4	118,935	3/4	135,090	3/4	150,475
4	6,084	4	22,258	4	38,427	4	54,583	4	70,756	4	86,930	4	103,104	4	119,272	4	135,426	4	150,742
1/4	6,421	1/4	22,595	1/4	38,763	1/4	54,920	1/4	71,093	1/4	87,267	1/4	103,441	1/4	119,609	1/4	135,763	1/4	150,994
1/2	6,758	1/2	22,932	1/2	39,100	1/2	55,256	1/2	71,430	1/2	87,604	1/2	103,778	1/2	119,945	1/2	136,099	1/2	151,246
3/4	7,095	3/4	23,269	3/4	39,436	3/4	55,593	3/4	71,767	3/4	87,941	3/4	104,115	3/4	120,282	3/4	136,436	3/4	151,498
5	7,432	5	23,606	5	39,773	5	55,930	5	72,104	5	88,278	5	104,452	5	120,618	5	136,773	5	151,749
1/4	7,769	1/4	23,942	1/4	40,109	1/4	56,267	1/4	72,441	1/4	88,615	1/4	104,789	1/4	120,955	1/4	137,109	1/4	151,989
1/2	8,106	1/2	24,279	1/2	40,445	1/2	56,604	1/2	72,778	1/2	88,952	1/2	105,126	1/2	121,291	1/2	137,446	1/2	152,229
3/4	8,443	3/4	24,616	3/4	40,782	3/4	56,941	3/4	73,115	3/4	89,289	3/4	105,463	3/4	121,628	3/4	137,782	3/4	152,468
6	8,780	6	24,953	6	41,118	6	57,278	6	73,452	6	89,626	6	105,800	6	121,964	6	138,119	6	152,708
1/4	9,117	1/4	25,290	1/4	41,454	1/4	57,615	1/4	73,789	1/4	89,963	1/4	106,137	1/4	122,301	1/4	138,455	1/4	152,946
1/2	9,454	1/2	25,627	1/2	41,791	1/2	57,952	1/2	74,126	1/2	90,300	1/2	106,474	1/2	122,637	1/2	138,792	1/2	153,184
3/4	9,791	3/4	25,964	3/4	42,127	3/4	58,289	3/4	74,463	3/4	90,637	3/4	106,811	3/4	122,974	3/4	139,128	3/4	153,422
7	10,128	7	26,301	7	42,463	7	58,626	7	74,800	7	90,974	7	107,148	7	123,311	7	139,465	7	153,660
1/4	10,465	1/4	26,638	1/4	42,800	1/4	58,963	1/4	75,137	1/4	91,311	1/4	107,485	1/4	123,647	1/4	139,801	1/4	153,898
1/2	10,802	1/2	26,975	1/2	43,136	1/2	59,300	1/2	75,474	1/2	91,648	1/2	107,822	1/2	123,984	1/2	140,138	1/2	154,136
3/4	11,139	3/4	27,312	3/4	43,473	3/4	59,637	3/4	75,811	3/4	91,985	3/4	108,159	3/4	124,320	3/4	140,475	3/4	154,374
8	11,475	8	27,649	8	43,809	8	59,974	8	76,148	8	92,322	8	108,495	8	124,657	8	140,811	8	154,613
1/4	11,812	1/4	27,986	1/4	44,145	1/4	60,311	1/4	76,485	1/4	92,659	1/4	108,832	1/4	124,993	1/4	141,148	1/4	154,851
1/2	12,149	1/2	28,323	1/2	44,482	1/2	60,648	1/2	76,822	1/2	92,996	1/2	109,169	1/2	125,330	1/2	141,484	1/2	155,089
3/4	12,486	3/4	28,660	3/4	44,818	3/4	60,985	3/4	77,159	3/4	93,332	3/4	109,506	3/4	125,666	3/4	141,821	3/4	155,327
9	12,823	9	28,997	9	45,154	9	61,322	9	77,496	9	93,669	9	109,843	9	126,003	9	142,157	9	155,566
1/4	13,160	1/4	29,334	1/4	45,491	1/4	61,659	1/4	77,833	1/4	94,006	1/4	110,180	1/4	126,340	1/4	142,493	1/4	155,804
1/2	13,497	1/2	29,671	1/2	45,827	1/2	61,996	1/2	78,169	1/2	94,343	1/2	110,517	1/2	126,676	1/2	142,830	1/2	156,042
3/4	13,834	3/4	30,008	3/4	46,163	3/4	62,333	3/4	78,506	3/4	94,680	3/4	110,854	3/4	127,013	3/4	143,166	3/4	156,280
10	14,171	10	30,344	10	46,500	10	62,670	10	78,843	10	95,017	10	111,191	10	127,349	10	143,502	10	156,519
1/4	14,508	1/4	30,681	1/4	46,836	1/4	63,006	1/4	79,180	1/4	95,354	1/4	111,528	1/4	127,686	1/4	143,837	1/4	156,759
1/2	14,845	1/2	31,018	1/2	47,172	1/2	63,343	1/2	79,517	1/2	95,691	1/2	111,865	1/2	128,022	1/2	144,171	1/2	156,999
3/4	15,182	3/4	31,355	3/4	47,509	3/4	63,680	3/4	79,854	3/4	96,028	3/4	112,202	3/4	128,359	3/4	144,506	3/4	157,239
11	15,519	11	31,692	11	47,845	11	64,017	11	80,191	11	96,365	11	112,539	11	128,695	11	144,840	11	157,479
1/4	15,856	1/4	32,029	1/4	48,182	1/4	64,354	1/4	80,528	1/4	96,702	1/4	112,876	1/4	129,032	1/4	145,173	1/4	157,719
1/2	16,193	1/2	32,366	1/2	48,518	1/2	64,691	1/2	80,865	1/2	97,039	1/2	113,213	1/2	129,368	1/2	145,486	1/2	157,959
3/4	16,530	3/4	32,703	3/4	48,855	3/4	65,028	3/4	81,202	3/4	97,376	3/4	113,550	3/4	129,705	3/4	145,809	3/4	158,200

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "GBL 3432B"

## 3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-7 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	158,440	0	169,967	0	181,484	0	192,976	0	203,780	0		0		0		0		0	
1/4	158,680	1/4	170,207	1/4	181,724	1/4	193,214	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	158,920	1/2	170,447	1/2	181,963	1/2	193,452	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	159,160	3/4	170,687	3/4	182,203	3/4	193,690	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	159,400	1	170,927	1	182,442	1	193,928	1	1	1	1	1	1	1	1	1	1	1	1
1/4	159,640	1/4	171,167	1/4	182,682	1/4	194,166	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159,881	1/2	171,408	1/2	182,921	1/2	194,404	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	160,121	3/4	171,648	3/4	183,161	3/4	194,642	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	160,361	2	171,888	2	183,400	2	194,880	2	2	2	2	2	2	2	2	2	2	2	2
1/4	160,601	1/4	172,128	1/4	183,640	1/4	195,118	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	160,841	1/2	172,368	1/2	183,879	1/2	195,356	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	161,081	3/4	172,608	3/4	184,119	3/4	195,594	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	161,321	3	172,848	3	184,358	3	195,832	3	3	3	3	3	3	3	3	3	3	3	3
1/4	161,562	1/4	173,089	1/4	184,598	1/4	196,070	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	161,802	1/2	173,329	1/2	184,838	1/2	196,308	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162,042	3/4	173,569	3/4	185,077	3/4	196,546	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	162,282	4	173,809	4	185,317	4	196,784	4	4	4	4	4	4	4	4	4	4	4	4
1/4	162,522	1/4	174,049	1/4	185,556	1/4	197,022	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	162,762	1/2	174,289	1/2	185,796	1/2	197,260	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,002	3/4	174,529	3/4	186,035	3/4	197,498	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	163,243	5	174,770	5	186,275	5	197,736	5	5	5	5	5	5	5	5	5	5	5	5
1/4	163,483	1/4	175,010	1/4	186,514	1/4	197,974	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	163,723	1/2	175,250	1/2	186,754	1/2	198,212	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	163,963	3/4	175,490	3/4	186,993	3/4	198,450	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	164,203	6	175,730	6	187,233	6	198,688	6	6	6	6	6	6	6	6	6	6	6	6
1/4	164,443	1/4	175,970	1/4	187,472	1/4	198,927	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	164,684	1/2	176,211	1/2	187,712	1/2	199,165	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	164,924	3/4	176,451	3/4	187,952	3/4	199,403	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	165,164	7	176,691	7	188,191	7	199,641	7	7	7	7	7	7	7	7	7	7	7	7
1/4	165,404	1/4	176,931	1/4	188,431	1/4	199,879	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	165,644	1/2	177,171	1/2	188,670	1/2	200,116	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	165,884	3/4	177,411	3/4	188,910	3/4	200,354	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	166,124	8	177,651	8	189,149	8	200,592	8	8	8	8	8	8	8	8	8	8	8	8
1/4	166,365	1/4	177,891	1/4	189,389	1/4	200,829	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	166,605	1/2	178,130	1/2	189,628	1/2	201,066	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	166,845	3/4	178,370	3/4	189,868	3/4	201,303	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	167,085	9	178,610	9	190,107	9	201,540	9	9	9	9	9	9	9	9	9	9	9	9
1/4	167,325	1/4	178,849	1/4	190,347	1/4	201,761	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	167,565	1/2	179,089	1/2	190,586	1/2	201,982	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167,805	3/4	179,328	3/4	190,826	3/4	202,203	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	168,046	10	179,568	10	191,066	10	202,424	10	10	10	10	10	10	10	10	10	10	10	10
1/4	168,286	1/4	179,807	1/4	191,305	1/4	202,610	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	168,526	1/2	180,047	1/2	191,545	1/2	202,797	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	168,766	3/4	180,286	3/4	191,784	3/4	202,984	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	169,006	11	180,526	11	192,024	11	203,170	11	11	11	11	11	11	11	11	11	11	11	11
1/4	169,246	1/4	180,765	1/4	192,262	1/4	203,323	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	169,486	1/2	181,005	1/2	192,500	1/2	203,475	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	169,727	3/4	181,244	3/4	192,738	3/4	203,627	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
CALCULATED: 11/08/2012 CL  
PRINTED: 11/09/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT  
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# BARGE "GBL 3432B"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-7 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	806	0	16,847	0	32,995	0	49,123	0	64,767	0	80,861	0	96,914	0	113,060	0	129,177	0	145,237
1/4	1,115	1/4	17,183	1/4	33,332	1/4	49,450	1/4	65,103	1/4	81,194	1/4	97,250	1/4	113,397	1/4	129,513	1/4	145,545
1/2	1,423	1/2	17,519	1/2	33,668	1/2	49,777	1/2	65,439	1/2	81,528	1/2	97,587	1/2	113,733	1/2	129,849	1/2	145,853
3/4	1,732	3/4	17,856	3/4	34,005	3/4	50,104	3/4	65,776	3/4	81,861	3/4	97,923	3/4	114,069	3/4	130,185	3/4	146,161
1	2,041	1	18,192	1	34,341	1	50,432	1	66,112	1	82,194	1	98,259	1	114,405	1	130,521	1	146,470
1/4	2,378	1/4	18,528	1/4	34,678	1/4	50,757	1/4	66,448	1/4	82,528	1/4	98,596	1/4	114,740	1/4	130,857	1/4	146,764
1/2	2,715	1/2	18,865	1/2	35,014	1/2	51,082	1/2	66,784	1/2	82,861	1/2	98,932	1/2	115,076	1/2	131,193	1/2	147,059
3/4	3,052	3/4	19,201	3/4	35,351	3/4	51,408	3/4	67,121	3/4	83,195	3/4	99,269	3/4	115,412	3/4	131,529	3/4	147,353
2	3,389	2	19,537	2	35,687	2	51,733	2	67,457	2	83,528	2	99,605	2	115,747	2	131,865	2	147,648
1/4	3,725	1/4	19,874	1/4	36,023	1/4	52,058	1/4	67,793	1/4	83,862	1/4	99,941	1/4	116,083	1/4	132,200	1/4	147,928
1/2	4,062	1/2	20,210	1/2	36,359	1/2	52,383	1/2	68,129	1/2	84,195	1/2	100,278	1/2	116,419	1/2	132,536	1/2	148,209
3/4	4,398	3/4	20,547	3/4	36,695	3/4	52,709	3/4	68,465	3/4	84,529	3/4	100,614	3/4	116,754	3/4	132,872	3/4	148,490
3	4,735	3	20,883	3	37,031	3	53,034	3	68,801	3	84,862	3	100,951	3	117,090	3	133,208	3	148,770
1/4	5,072	1/4	21,220	1/4	37,367	1/4	53,359	1/4	69,137	1/4	85,196	1/4	101,287	1/4	117,426	1/4	133,544	1/4	149,037
1/2	5,408	1/2	21,556	1/2	37,703	1/2	53,685	1/2	69,473	1/2	85,529	1/2	101,623	1/2	117,761	1/2	133,880	1/2	149,304
3/4	5,744	3/4	21,892	3/4	38,039	3/4	54,010	3/4	69,809	3/4	85,863	3/4	101,960	3/4	118,097	3/4	134,216	3/4	149,571
4	6,081	4	22,229	4	38,375	4	54,335	4	70,145	4	86,196	4	102,296	4	118,433	4	134,552	4	149,838
1/4	6,417	1/4	22,565	1/4	38,710	1/4	54,660	1/4	70,482	1/4	86,530	1/4	102,632	1/4	118,768	1/4	134,888	1/4	150,089
1/2	6,754	1/2	22,902	1/2	39,046	1/2	54,986	1/2	70,818	1/2	86,863	1/2	102,969	1/2	119,104	1/2	135,224	1/2	150,340
3/4	7,090	3/4	23,238	3/4	39,382	3/4	55,311	3/4	71,154	3/4	87,197	3/4	103,305	3/4	119,440	3/4	135,560	3/4	150,591
5	7,427	5	23,575	5	39,718	5	55,636	5	71,490	5	87,530	5	103,642	5	119,775	5	135,896	5	150,842
1/4	7,763	1/4	23,911	1/4	40,054	1/4	55,962	1/4	71,827	1/4	87,863	1/4	103,978	1/4	120,111	1/4	136,231	1/4	151,081
1/2	8,100	1/2	24,248	1/2	40,390	1/2	56,287	1/2	72,163	1/2	88,197	1/2	104,314	1/2	120,447	1/2	136,567	1/2	151,320
3/4	8,436	3/4	24,584	3/4	40,726	3/4	56,612	3/4	72,499	3/4	88,530	3/4	104,651	3/4	120,782	3/4	136,903	3/4	151,559
6	8,773	6	24,921	6	41,061	6	56,937	6	72,835	6	88,864	6	104,987	6	121,118	6	137,239	6	151,798
1/4	9,109	1/4	25,257	1/4	41,397	1/4	57,263	1/4	73,171	1/4	89,197	1/4	105,324	1/4	121,454	1/4	137,575	1/4	152,036
1/2	9,445	1/2	25,593	1/2	41,733	1/2	57,588	1/2	73,508	1/2	89,531	1/2	105,660	1/2	121,789	1/2	137,911	1/2	152,273
3/4	9,782	3/4	25,930	3/4	42,069	3/4	57,913	3/4	73,844	3/4	89,864	3/4	105,996	3/4	122,125	3/4	138,247	3/4	152,510
7	10,118	7	26,266	7	42,405	7	58,239	7	74,180	7	90,198	7	106,333	7	122,461	7	138,583	7	152,747
1/4	10,455	1/4	26,603	1/4	42,741	1/4	58,564	1/4	74,516	1/4	90,531	1/4	106,669	1/4	122,796	1/4	138,919	1/4	152,986
1/2	10,791	1/2	26,939	1/2	43,077	1/2	58,889	1/2	74,853	1/2	90,865	1/2	107,005	1/2	123,132	1/2	139,255	1/2	153,224
3/4	11,128	3/4	27,276	3/4	43,413	3/4	59,214	3/4	75,189	3/4	91,198	3/4	107,342	3/4	123,468	3/4	139,591	3/4	153,462
8	11,464	8	27,612	8	43,748	8	59,540	8	75,525	8	91,532	8	107,678	8	123,803	8	139,927	8	153,700
1/4	11,801	1/4	27,949	1/4	44,084	1/4	59,865	1/4	75,859	1/4	91,868	1/4	108,015	1/4	124,139	1/4	140,262	1/4	153,938
1/2	12,137	1/2	28,285	1/2	44,420	1/2	60,190	1/2	76,192	1/2	92,204	1/2	108,351	1/2	124,475	1/2	140,598	1/2	154,176
3/4	12,474	3/4	28,621	3/4	44,756	3/4	60,516	3/4	76,526	3/4	92,541	3/4	108,687	3/4	124,810	3/4	140,934	3/4	154,414
9	12,810	9	28,958	9	45,092	9	60,841	9	76,859	9	92,877	9	109,024	9	125,146	9	141,270	9	154,652
1/4	13,146	1/4	29,294	1/4	45,428	1/4	61,166	1/4	77,192	1/4	93,214	1/4	109,360	1/4	125,482	1/4	141,606	1/4	154,890
1/2	13,483	1/2	29,631	1/2	45,764	1/2	61,491	1/2	77,526	1/2	93,550	1/2	109,697	1/2	125,818	1/2	141,941	1/2	155,128
3/4	13,819	3/4	29,967	3/4	46,099	3/4	61,817	3/4	77,859	3/4	93,886	3/4	110,033	3/4	126,154	3/4	142,277	3/4	155,367
10	14,156	10	30,304	10	46,435	10	62,142	10	78,193	10	94,223	10	110,369	10	126,490	10	142,613	10	155,605
1/4	14,492	1/4	30,640	1/4	46,771	1/4	62,469	1/4	78,526	1/4	94,559	1/4	110,706	1/4	126,826	1/4	142,947	1/4	155,845
1/2	14,829	1/2	30,977	1/2	47,107	1/2	62,796	1/2	78,860	1/2	94,896	1/2	111,042	1/2	127,162	1/2	143,280	1/2	156,085
3/4	15,165	3/4	31,313	3/4	47,443	3/4	63,123	3/4	79,193	3/4	95,232	3/4	111,379	3/4	127,498	3/4	143,614	3/4	156,325
11	15,502	11	31,650	11	47,779	11	63,451	11	79,527	11	95,568	11	111,715	11	127,833	11	143,948	11	156,565
1/4	15,838	1/4	31,986	1/4	48,115	1/4	63,780	1/4	79,860	1/4	95,905	1/4	112,051	1/4	128,169	1/4	144,270	1/4	156,805
1/2	16,174	1/2	32,322	1/2	48,451	1/2	64,109	1/2	80,194	1/2	96,241	1/2	112,388	1/2	128,505	1/2	144,592	1/2	157,045
3/4	16,511	3/4	32,659	3/4	48,787	3/4	64,438	3/4	80,527	3/4	96,577	3/4	112,724	3/4	128,841	3/4	144,915	3/4	157,286

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.  
 GAUGE POINT: (MMC) LOCATED 12'-09" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

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



# BARGE "GBL 3432B"

## 3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 15'-7 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	157,526	0	169,052	0	180,569	0	192,060	0	202,864	0		0		0		0		0	
1/4	157,766	1/4	169,292	1/4	180,809	1/4	192,298	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,006	1/2	169,533	1/2	181,048	1/2	192,536	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	158,246	3/4	169,773	3/4	181,288	3/4	192,774	3/4		3/4		3/4		3/4		3/4		3/4	
1	158,486	1	170,013	1	181,527	1	193,012	1		1		1		1		1		1	
1/4	158,726	1/4	170,253	1/4	181,767	1/4	193,250	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	158,967	1/2	170,493	1/2	182,006	1/2	193,489	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159,207	3/4	170,733	3/4	182,246	3/4	193,727	3/4		3/4		3/4		3/4		3/4		3/4	
2	159,447	2	170,973	2	182,485	2	193,965	2		2		2		2		2		2	
1/4	159,687	1/4	171,213	1/4	182,725	1/4	194,203	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	159,927	1/2	171,454	1/2	182,964	1/2	194,441	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	160,167	3/4	171,694	3/4	183,204	3/4	194,679	3/4		3/4		3/4		3/4		3/4		3/4	
3	160,407	3	171,934	3	183,443	3	194,917	3		3		3		3		3		3	
1/4	160,647	1/4	172,174	1/4	183,683	1/4	195,155	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160,888	1/2	172,414	1/2	183,922	1/2	195,393	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161,128	3/4	172,654	3/4	184,162	3/4	195,631	3/4		3/4		3/4		3/4		3/4		3/4	
4	161,368	4	172,894	4	184,402	4	195,869	4		4		4		4		4		4	
1/4	161,608	1/4	173,135	1/4	184,641	1/4	196,107	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161,848	1/2	173,375	1/2	184,881	1/2	196,345	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	162,088	3/4	173,615	3/4	185,120	3/4	196,583	3/4		3/4		3/4		3/4		3/4		3/4	
5	162,328	5	173,855	5	185,360	5	196,821	5		5		5		5		5		5	
1/4	162,569	1/4	174,095	1/4	185,599	1/4	197,059	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	162,809	1/2	174,335	1/2	185,839	1/2	197,297	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163,049	3/4	174,575	3/4	186,078	3/4	197,535	3/4		3/4		3/4		3/4		3/4		3/4	
6	163,289	6	174,816	6	186,318	6	197,773	6		6		6		6		6		6	
1/4	163,529	1/4	175,056	1/4	186,557	1/4	198,011	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163,769	1/2	175,296	1/2	186,797	1/2	198,249	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,009	3/4	175,536	3/4	187,036	3/4	198,487	3/4		3/4		3/4		3/4		3/4		3/4	
7	164,250	7	175,776	7	187,276	7	198,725	7		7		7		7		7		7	
1/4	164,490	1/4	176,016	1/4	187,515	1/4	198,963	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	164,730	1/2	176,256	1/2	187,755	1/2	199,201	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164,970	3/4	176,496	3/4	187,994	3/4	199,439	3/4		3/4		3/4		3/4		3/4		3/4	
8	165,210	8	176,737	8	188,234	8	199,676	8		8		8		8		8		8	
1/4	165,450	1/4	176,976	1/4	188,474	1/4	199,913	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165,690	1/2	177,216	1/2	188,713	1/2	200,150	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	165,930	3/4	177,455	3/4	188,953	3/4	200,387	3/4		3/4		3/4		3/4		3/4		3/4	
9	166,171	9	177,695	9	189,192	9	200,624	9		9		9		9		9		9	
1/4	166,411	1/4	177,934	1/4	189,432	1/4	200,845	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166,651	1/2	178,174	1/2	189,671	1/2	201,066	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	166,891	3/4	178,413	3/4	189,911	3/4	201,287	3/4		3/4		3/4		3/4		3/4		3/4	
10	167,131	10	178,653	10	190,150	10	201,508	10		10		10		10		10		10	
1/4	167,371	1/4	178,892	1/4	190,390	1/4	201,695	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	167,611	1/2	179,132	1/2	190,629	1/2	201,881	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167,852	3/4	179,371	3/4	190,869	3/4	202,068	3/4		3/4		3/4		3/4		3/4		3/4	
11	168,092	11	179,611	11	191,108	11	202,254	11		11		11		11		11		11	
1/4	168,332	1/4	179,850	1/4	191,346	1/4	202,407	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168,572	1/2	180,090	1/2	191,584	1/2	202,559	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	168,812	3/4	180,330	3/4	191,822	3/4	202,711	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/07/2012 CL - SW  
CALCULATED: 11/08/2012 CL  
PRINTED: 11/09/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "GBL 3432B"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01"

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	1,157	0	2,314	0	3,470	0	4,626	0		0		0		0		0	
1/4	24	1/4	1,181	1/4	2,338	1/4	3,494	1/4	4,650	1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	1,205	1/2	2,362	1/2	3,519	1/2	4,673	1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	1,229	3/4	2,386	3/4	3,543	3/4	4,697	3/4		3/4		3/4		3/4		3/4	
1	96	1	1,253	1	2,410	1	3,567	1	4,721	1		1		1		1		1	
1/4	121	1/4	1,277	1/4	2,434	1/4	3,591	1/4	4,744	1/4		1/4		1/4		1/4		1/4	
1/2	145	1/2	1,301	1/2	2,458	1/2	3,615	1/2	4,768	1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	1,326	3/4	2,482	3/4	3,639	3/4	4,792	3/4		3/4		3/4		3/4		3/4	
2	193	2	1,350	2	2,506	2	3,663	2	4,815	2		2		2		2		2	
1/4	217	1/4	1,374	1/4	2,530	1/4	3,687	1/4	4,839	1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	1,398	1/2	2,555	1/2	3,711	1/2	4,862	1/2		1/2		1/2		1/2		1/2	
3/4	265	3/4	1,422	3/4	2,579	3/4	3,735	3/4	4,886	3/4		3/4		3/4		3/4		3/4	
3	289	3	1,446	3	2,603	3	3,760	3	4,910	3		3		3		3		3	
1/4	313	1/4	1,470	1/4	2,627	1/4	3,784	1/4	4,933	1/4		1/4		1/4		1/4		1/4	
1/2	337	1/2	1,494	1/2	2,651	1/2	3,808	1/2	4,957	1/2		1/2		1/2		1/2		1/2	
3/4	362	3/4	1,518	3/4	2,675	3/4	3,832	3/4	4,981	3/4		3/4		3/4		3/4		3/4	
4	386	4	1,542	4	2,699	4	3,856	4	5,004	4		4		4		4		4	
1/4	410	1/4	1,567	1/4	2,723	1/4	3,880	1/4	5,028	1/4		1/4		1/4		1/4		1/4	
1/2	434	1/2	1,591	1/2	2,747	1/2	3,904	1/2	5,051	1/2		1/2		1/2		1/2		1/2	
3/4	458	3/4	1,615	3/4	2,771	3/4	3,928	3/4	5,075	3/4		3/4		3/4		3/4		3/4	
5	482	5	1,639	5	2,796	5	3,952	5	5,099	5		5		5		5		5	
1/4	506	1/4	1,663	1/4	2,820	1/4	3,976	1/4	5,146	1/4		1/4		1/4		1/4		1/4	
1/2	530	1/2	1,687	1/2	2,844	1/2	4,001	1/2	5,194	1/2		1/2		1/2		1/2		1/2	
3/4	554	3/4	1,711	3/4	2,868	3/4	4,025	3/4		3/4		3/4		3/4		3/4		3/4	
6	578	6	1,735	6	2,892	6	4,049	6		6		6		6		6		6	
1/4	603	1/4	1,759	1/4	2,916	1/4	4,073	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	627	1/2	1,783	1/2	2,940	1/2	4,097	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	651	3/4	1,807	3/4	2,964	3/4	4,121	3/4		3/4		3/4		3/4		3/4		3/4	
7	675	7	1,832	7	2,988	7	4,145	7		7		7		7		7		7	
1/4	699	1/4	1,856	1/4	3,012	1/4	4,169	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	723	1/2	1,880	1/2	3,037	1/2	4,193	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	747	3/4	1,904	3/4	3,061	3/4	4,217	3/4		3/4		3/4		3/4		3/4		3/4	
8	771	8	1,928	8	3,085	8	4,242	8		8		8		8		8		8	
1/4	795	1/4	1,952	1/4	3,109	1/4	4,266	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	819	1/2	1,976	1/2	3,133	1/2	4,290	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	844	3/4	2,000	3/4	3,157	3/4	4,314	3/4		3/4		3/4		3/4		3/4		3/4	
9	868	9	2,024	9	3,181	9	4,338	9		9		9		9		9		9	
1/4	892	1/4	2,048	1/4	3,205	1/4	4,362	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	2,073	1/2	3,229	1/2	4,386	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	940	3/4	2,097	3/4	3,253	3/4	4,410	3/4		3/4		3/4		3/4		3/4		3/4	
10	964	10	2,121	10	3,278	10	4,434	10		10		10		10		10		10	
1/4	988	1/4	2,145	1/4	3,302	1/4	4,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,012	1/2	2,169	1/2	3,326	1/2	4,483	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,036	3/4	2,193	3/4	3,350	3/4	4,507	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,060	11	2,217	11	3,374	11	4,531	11		11		11		11		11		11	
1/4	1,085	1/4	2,241	1/4	3,398	1/4	4,555	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,109	1/2	2,265	1/2	3,422	1/2	4,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,133	3/4	2,289	3/4	3,446	3/4	4,602	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 INNAGE GAUGES TAKEN TO THREADS ON "MMC" VALVE.

STRAPPED: 11/07/2012 CL - SW  
CALCULATED: 11/08/2012 CL  
PRINTED: 11/09/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2012

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



# BARGE "GBL 3432B"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-01"

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	1,157	0	2,314	0	3,470	0	4,626	0		0		0		0		0	
1/4	24	1/4	1,181	1/4	2,338	1/4	3,494	1/4	4,650	1/4		1/4		1/4		1/4		1/4	
1/2	48	1/2	1,205	1/2	2,362	1/2	3,519	1/2	4,673	1/2		1/2		1/2		1/2		1/2	
3/4	72	3/4	1,229	3/4	2,386	3/4	3,543	3/4	4,697	3/4		3/4		3/4		3/4		3/4	
1	96	1	1,253	1	2,410	1	3,567	1	4,721	1		1		1		1		1	
1/4	121	1/4	1,277	1/4	2,434	1/4	3,591	1/4	4,744	1/4		1/4		1/4		1/4		1/4	
1/2	145	1/2	1,301	1/2	2,458	1/2	3,615	1/2	4,768	1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	1,326	3/4	2,482	3/4	3,639	3/4	4,792	3/4		3/4		3/4		3/4		3/4	
2	193	2	1,350	2	2,506	2	3,663	2	4,815	2		2		2		2		2	
1/4	217	1/4	1,374	1/4	2,530	1/4	3,687	1/4	4,839	1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	1,398	1/2	2,555	1/2	3,711	1/2	4,862	1/2		1/2		1/2		1/2		1/2	
3/4	265	3/4	1,422	3/4	2,579	3/4	3,735	3/4	4,886	3/4		3/4		3/4		3/4		3/4	
3	289	3	1,446	3	2,603	3	3,760	3	4,910	3		3		3		3		3	
1/4	313	1/4	1,470	1/4	2,627	1/4	3,784	1/4	4,933	1/4		1/4		1/4		1/4		1/4	
1/2	337	1/2	1,494	1/2	2,651	1/2	3,808	1/2	4,957	1/2		1/2		1/2		1/2		1/2	
3/4	362	3/4	1,518	3/4	2,675	3/4	3,832	3/4	4,981	3/4		3/4		3/4		3/4		3/4	
4	386	4	1,542	4	2,699	4	3,856	4	5,004	4		4		4		4		4	
1/4	410	1/4	1,567	1/4	2,723	1/4	3,880	1/4	5,028	1/4		1/4		1/4		1/4		1/4	
1/2	434	1/2	1,591	1/2	2,747	1/2	3,904	1/2	5,051	1/2		1/2		1/2		1/2		1/2	
3/4	458	3/4	1,615	3/4	2,771	3/4	3,928	3/4	5,075	3/4		3/4		3/4		3/4		3/4	
5	482	5	1,639	5	2,796	5	3,952	5	5,099	5		5		5		5		5	
1/4	506	1/4	1,663	1/4	2,820	1/4	3,976	1/4	5,146	1/4		1/4		1/4		1/4		1/4	
1/2	530	1/2	1,687	1/2	2,844	1/2	4,001	1/2	5,194	1/2		1/2		1/2		1/2		1/2	
3/4	554	3/4	1,711	3/4	2,868	3/4	4,025	3/4		3/4		3/4		3/4		3/4		3/4	
6	578	6	1,735	6	2,892	6	4,049	6		6		6		6		6		6	
1/4	603	1/4	1,759	1/4	2,916	1/4	4,073	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	627	1/2	1,783	1/2	2,940	1/2	4,097	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	651	3/4	1,807	3/4	2,964	3/4	4,121	3/4		3/4		3/4		3/4		3/4		3/4	
7	675	7	1,832	7	2,988	7	4,145	7		7		7		7		7		7	
1/4	699	1/4	1,856	1/4	3,012	1/4	4,169	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	723	1/2	1,880	1/2	3,037	1/2	4,193	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	747	3/4	1,904	3/4	3,061	3/4	4,217	3/4		3/4		3/4		3/4		3/4		3/4	
8	771	8	1,928	8	3,085	8	4,242	8		8		8		8		8		8	
1/4	795	1/4	1,952	1/4	3,109	1/4	4,266	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	819	1/2	1,976	1/2	3,133	1/2	4,290	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	844	3/4	2,000	3/4	3,157	3/4	4,314	3/4		3/4		3/4		3/4		3/4		3/4	
9	868	9	2,024	9	3,181	9	4,338	9		9		9		9		9		9	
1/4	892	1/4	2,048	1/4	3,205	1/4	4,362	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	2,073	1/2	3,229	1/2	4,386	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	940	3/4	2,097	3/4	3,253	3/4	4,410	3/4		3/4		3/4		3/4		3/4		3/4	
10	964	10	2,121	10	3,278	10	4,434	10		10		10		10		10		10	
1/4	988	1/4	2,145	1/4	3,302	1/4	4,458	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,012	1/2	2,169	1/2	3,326	1/2	4,483	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,036	3/4	2,193	3/4	3,350	3/4	4,507	3/4		3/4		3/4		3/4		3/4		3/4	
11	1,060	11	2,217	11	3,374	11	4,531	11		11		11		11		11		11	
1/4	1,085	1/4	2,241	1/4	3,398	1/4	4,555	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,109	1/2	2,265	1/2	3,422	1/2	4,578	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,133	3/4	2,289	3/4	3,446	3/4	4,602	3/4		3/4		3/4		3/4		3/4		3/4	

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