



BARGE "GBL 1230"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

January 13, 2006

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 00'-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11-7/8"

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

<http://www.pmacorp.net>



BARGE "GBL 1230"

1 PORT ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 7/8"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	5,047.04	0	4,680.37	0	4,313.70	0	3,947.03	0	3,580.35	0	3,213.68	0	2,847.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,039.40	1/4	4,672.73	1/4	4,306.06	1/4	3,939.39	1/4	3,572.71	1/4	3,206.04	1/4	2,839.37		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,031.77	1/2	4,665.09	1/2	4,298.42	1/2	3,931.75	1/2	3,565.08	1/2	3,198.41	1/2	2,831.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,024.13	3/4	4,657.45	3/4	4,290.78	3/4	3,924.11	3/4	3,557.44	3/4	3,190.77	3/4	2,824.09		
1		1		1		1	5,016.49	1	4,649.81	1	4,283.14	1	3,916.47	1	3,549.80	1	3,183.13	1	2,816.45		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,008.85	1/4	4,642.17	1/4	4,275.50	1/4	3,908.83	1/4	3,542.16	1/4	3,175.49	1/4	2,808.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,001.21	1/2	4,634.54	1/2	4,267.87	1/2	3,901.19	1/2	3,534.52	1/2	3,167.85	1/2	2,801.18		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,993.57	3/4	4,626.90	3/4	4,260.23	3/4	3,893.55	3/4	3,526.88	3/4	3,160.21	3/4	2,793.54		
2		2		2		2	4,985.93	2	4,619.26	2	4,252.59	2	3,885.91	2	3,519.24	2	3,152.57	2	2,785.90		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,978.29	1/4	4,611.62	1/4	4,244.95	1/4	3,878.27	1/4	3,511.60	1/4	3,144.93	1/4	2,778.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,970.65	1/2	4,603.98	1/2	4,237.31	1/2	3,870.64	1/2	3,503.97	1/2	3,137.29	1/2	2,770.62		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,963.01	3/4	4,596.34	3/4	4,229.67	3/4	3,863.00	3/4	3,496.33	3/4	3,129.65	3/4	2,762.98		
3		3		3		3	4,955.37	3	4,588.70	3	4,222.03	3	3,855.36	3	3,488.69	3	3,122.01	3	2,755.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,947.73	1/4	4,581.06	1/4	4,214.39	1/4	3,847.72	1/4	3,481.05	1/4	3,114.37	1/4	2,747.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,940.10	1/2	4,573.43	1/2	4,206.75	1/2	3,840.08	1/2	3,473.41	1/2	3,106.74	1/2	2,740.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,932.46	3/4	4,565.79	3/4	4,199.11	3/4	3,832.44	3/4	3,465.77	3/4	3,099.10	3/4	2,732.43		
4		4		4		4	4,924.82	4	4,558.15	4	4,191.47	4	3,824.80	4	3,458.13	4	3,091.46	4	2,724.79		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,917.18	1/4	4,550.51	1/4	4,183.83	1/4	3,817.16	1/4	3,450.49	1/4	3,083.82	1/4	2,717.15		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,909.54	1/2	4,542.87	1/2	4,176.20	1/2	3,809.53	1/2	3,442.85	1/2	3,076.18	1/2	2,709.51		
3/4	3/4	3/4	7/8		5,180.65	3/4	4,901.90	3/4	4,535.23	3/4	4,168.56	3/4	3,801.89	3/4	3,435.21	3/4	3,068.54	3/4	2,701.87		
5		5		5		5	4,894.26	5	4,527.59	5	4,160.92	5	3,794.25	5	3,427.57	5	3,060.90	5	2,694.23		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,179.35	1/4	4,886.62	1/4	4,519.95	1/4	4,153.28	1/4	3,786.61	1/4	3,419.93	1/4	3,053.26	1/4	2,686.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,178.49	1/2	4,878.99	1/2	4,512.31	1/2	4,145.64	1/2	3,778.97	1/2	3,412.30	1/2	3,045.63	1/2	2,678.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,177.62	3/4	4,871.35	3/4	4,504.67	3/4	4,138.00	3/4	3,771.33	3/4	3,404.66	3/4	3,037.99	3/4	2,671.31
6		6		6		6	5,176.15	6	4,863.71	6	4,497.03	6	4,130.36	6	3,763.69	6	3,397.02	6	3,030.35	6	2,663.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,174.07	1/4	4,856.07	1/4	4,489.39	1/4	4,122.72	1/4	3,756.05	1/4	3,389.38	1/4	3,022.71	1/4	2,656.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,171.98	1/2	4,848.43	1/2	4,481.76	1/2	4,115.09	1/2	3,748.41	1/2	3,381.74	1/2	3,015.07	1/2	2,648.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,169.90	3/4	4,840.79	3/4	4,474.12	3/4	4,107.45	3/4	3,740.77	3/4	3,374.10	3/4	3,007.43	3/4	2,640.76
7		7		7		7	5,167.13	7	4,833.15	7	4,466.48	7	4,099.81	7	3,733.13	7	3,366.46	7	2,999.79	7	2,633.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,163.66	1/4	4,825.51	1/4	4,458.84	1/4	4,092.17	1/4	3,725.49	1/4	3,358.82	1/4	2,992.15	1/4	2,625.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,160.20	1/2	4,817.87	1/2	4,451.20	1/2	4,084.53	1/2	3,717.86	1/2	3,351.19	1/2	2,984.51	1/2	2,617.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,156.73	3/4	4,810.23	3/4	4,443.56	3/4	4,076.89	3/4	3,710.22	3/4	3,343.55	3/4	2,976.87	3/4	2,610.20
8		8		8		8	5,152.57	8	4,802.59	8	4,435.92	8	4,069.25	8	3,702.58	8	3,335.91	8	2,969.23	8	2,602.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,147.71	1/4	4,794.95	1/4	4,428.28	1/4	4,061.61	1/4	3,694.94	1/4	3,328.27	1/4	2,961.59	1/4	2,594.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,142.86	1/2	4,787.32	1/2	4,420.65	1/2	4,053.97	1/2	3,687.30	1/2	3,320.63	1/2	2,953.96	1/2	2,587.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,138.00	3/4	4,779.68	3/4	4,413.01	3/4	4,046.33	3/4	3,679.66	3/4	3,312.99	3/4	2,946.32	3/4	2,579.65
9		9		9		9	5,132.45	9	4,772.04	9	4,405.37	9	4,038.69	9	3,672.02	9	3,305.35	9	2,938.68	9	2,572.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,126.20	1/4	4,764.40	1/4	4,397.73	1/4	4,031.05	1/4	3,664.38	1/4	3,297.71	1/4	2,931.04	1/4	2,564.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,119.95	1/2	4,756.76	1/2	4,390.09	1/2	4,023.42	1/2	3,656.75	1/2	3,290.07	1/2	2,923.40	1/2	2,556.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,113.70	3/4	4,749.12	3/4	4,382.45	3/4	4,015.78	3/4	3,649.11	3/4	3,282.43	3/4	2,915.76	3/4	2,549.09
10		10		10		10	5,106.94	10	4,741.48	10	4,374.81	10	4,008.14	10	3,641.47	10	3,274.79	10	2,908.12	10	2,541.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,099.65	1/4	4,733.84	1/4	4,367.17	1/4	4,000.50	1/4	3,633.83	1/4	3,267.15	1/4	2,900.48	1/4	2,533.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,092.36	1/2	4,726.21	1/2	4,359.53	1/2	3,992.86	1/2	3,626.19	1/2	3,259.52	1/2	2,892.85	1/2	2,526.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,085.07	3/4	4,718.57	3/4	4,351.89	3/4	3,985.22	3/4	3,618.55	3/4	3,251.88	3/4	2,885.21	3/4	2,518.53
11		11		11		11	5,077.60	11	4,710.93	11	4,344.25	11	3,977.58	11	3,610.91	11	3,244.24	11	2,877.57	11	2,510.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,069.96	1/4	4,703.29	1/4	4,336.61	1/4	3,969.94	1/4	3,603.27	1/4	3,236.60	1/4	2,869.93	1/4	2,503.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,062.32	1/2	4,695.65	1/2	4,328.98	1/2	3,962.31	1/2	3,595.63	1/2	3,228.96	1/2	2,862.29	1/2	2,495.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,054.68	3/4	4,688.01	3/4	4,321.34	3/4	3,954.67	3/4	3,587.99	3/4	3,221.32	3/4	2,854.65	3/4	2,487.98

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: LOCATED NEAR CENTER OF TANK.
 CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "GBL 1230"

1 PORT ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 7/8"

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	2,480.34	0	2,113.66	0	1,746.99	0	1,380.32	0	1,013.65	0	646.98	0	288.77	11 7/8	7.26	0		0	
1/4	2,472.70	1/4	2,106.02	1/4	1,739.35	1/4	1,372.68	1/4	1,006.01	1/4	639.34	1/4	281.67	1/4		1/4		1/4	
1/2	2,465.06	1/2	2,098.39	1/2	1,731.72	1/2	1,365.05	1/2	998.37	1/2	631.70	1/2	274.57	1/2		1/2		1/2	
3/4	2,457.42	3/4	2,090.75	3/4	1,724.08	3/4	1,357.41	3/4	990.73	3/4	624.06	3/4	267.47	3/4		3/4		3/4	
1	2,449.78	1	2,083.11	1	1,716.44	1	1,349.77	1	983.09	1	616.42	1	260.42	1		1		1	
1/4	2,442.14	1/4	2,075.47	1/4	1,708.80	1/4	1,342.13	1/4	975.45	1/4	608.78	1/4	253.43	1/4		1/4		1/4	
1/2	2,434.50	1/2	2,067.83	1/2	1,701.16	1/2	1,334.49	1/2	967.82	1/2	601.15	1/2	246.43	1/2		1/2		1/2	
3/4	2,426.86	3/4	2,060.19	3/4	1,693.52	3/4	1,326.85	3/4	960.18	3/4	593.51	3/4	239.44	3/4		3/4		3/4	
2	2,419.22	2	2,052.55	2	1,685.88	2	1,319.21	2	952.54	2	585.87	2	232.50	2		2		2	
1/4	2,411.58	1/4	2,044.91	1/4	1,678.24	1/4	1,311.57	1/4	944.90	1/4	578.23	1/4	225.61	1/4		1/4		1/4	
1/2	2,403.95	1/2	2,037.28	1/2	1,670.60	1/2	1,303.93	1/2	937.26	1/2	570.59	1/2	218.72	1/2		1/2		1/2	
3/4	2,396.31	3/4	2,029.64	3/4	1,662.96	3/4	1,296.29	3/4	929.62	3/4	562.95	3/4	211.83	3/4		3/4		3/4	
3	2,388.67	3	2,022.00	3	1,655.32	3	1,288.65	3	921.98	3	555.31	3	204.94	3		3		3	
1/4	2,381.03	1/4	2,014.36	1/4	1,647.68	1/4	1,281.01	1/4	914.34	1/4	547.67	1/4	198.05	1/4		1/4		1/4	
1/2	2,373.39	1/2	2,006.72	1/2	1,640.05	1/2	1,273.38	1/2	906.71	1/2	540.03	1/2	191.16	1/2		1/2		1/2	
3/4	2,365.75	3/4	1,999.08	3/4	1,632.41	3/4	1,265.74	3/4	899.07	3/4	532.39	3/4	184.27	3/4		3/4		3/4	
4	2,358.11	4	1,991.44	4	1,624.77	4	1,258.10	4	891.43	4	524.77	4	177.43	4		4		4	
1/4	2,350.47	1/4	1,983.80	1/4	1,617.13	1/4	1,250.46	1/4	883.79	1/4	517.18	1/4	170.64	1/4		1/4		1/4	
1/2	2,342.84	1/2	1,976.16	1/2	1,609.49	1/2	1,242.82	1/2	876.15	1/2	509.58	1/2	163.86	1/2		1/2		1/2	
3/4	2,335.20	3/4	1,968.52	3/4	1,601.85	3/4	1,235.18	3/4	868.51	3/4	501.99	3/4	157.07	3/4		3/4		3/4	
5	2,327.56	5	1,960.88	5	1,594.21	5	1,227.54	5	860.87	5	494.41	5	150.34	5		5		5	
1/4	2,319.92	1/4	1,953.24	1/4	1,586.57	1/4	1,219.90	1/4	853.23	1/4	486.85	1/4	143.66	1/4		1/4		1/4	
1/2	2,312.28	1/2	1,945.61	1/2	1,578.94	1/2	1,212.27	1/2	845.59	1/2	479.30	1/2	136.98	1/2		1/2		1/2	
3/4	2,304.64	3/4	1,937.97	3/4	1,571.30	3/4	1,204.63	3/4	837.95	3/4	471.74	3/4	130.30	3/4		3/4		3/4	
6	2,297.00	6	1,930.33	6	1,563.66	6	1,196.99	6	830.31	6	464.18	6	123.62	6		6		6	
1/4	2,289.36	1/4	1,922.69	1/4	1,556.02	1/4	1,189.35	1/4	822.67	1/4	456.62	1/4	116.94	1/4		1/4		1/4	
1/2	2,281.72	1/2	1,915.05	1/2	1,548.38	1/2	1,181.71	1/2	815.04	1/2	449.07	1/2	110.25	1/2		1/2		1/2	
3/4	2,274.08	3/4	1,907.41	3/4	1,540.74	3/4	1,174.07	3/4	807.40	3/4	441.51	3/4	103.57	3/4		3/4		3/4	
7	2,266.44	7	1,899.77	7	1,533.10	7	1,166.43	7	799.76	7	434.01	7	96.94	7		7		7	
1/4	2,258.80	1/4	1,892.13	1/4	1,525.46	1/4	1,158.79	1/4	792.12	1/4	426.58	1/4	90.37	1/4		1/4		1/4	
1/2	2,251.17	1/2	1,884.50	1/2	1,517.82	1/2	1,151.15	1/2	784.48	1/2	419.15	1/2	83.79	1/2		1/2		1/2	
3/4	2,243.53	3/4	1,876.86	3/4	1,510.18	3/4	1,143.51	3/4	776.84	3/4	411.72	3/4	77.22	3/4		3/4		3/4	
8	2,235.89	8	1,869.22	8	1,502.54	8	1,135.87	8	769.20	8	404.35	8	71.04	8		8		8	
1/4	2,228.25	1/4	1,861.58	1/4	1,494.90	1/4	1,128.23	1/4	761.56	1/4	397.04	1/4	65.25	1/4		1/4		1/4	
1/2	2,220.61	1/2	1,853.94	1/2	1,487.27	1/2	1,120.60	1/2	753.93	1/2	389.73	1/2	59.46	1/2		1/2		1/2	
3/4	2,212.97	3/4	1,846.30	3/4	1,479.63	3/4	1,112.96	3/4	746.29	3/4	382.42	3/4	53.67	3/4		3/4		3/4	
9	2,205.33	9	1,838.66	9	1,471.99	9	1,105.32	9	738.65	9	375.12	9	48.37	9		9		9	
1/4	2,197.69	1/4	1,831.02	1/4	1,464.35	1/4	1,097.68	1/4	731.01	1/4	367.81	1/4	43.54	1/4		1/4		1/4	
1/2	2,190.06	1/2	1,823.38	1/2	1,456.71	1/2	1,090.04	1/2	723.37	1/2	360.50	1/2	38.71	1/2		1/2		1/2	
3/4	2,182.42	3/4	1,815.74	3/4	1,449.07	3/4	1,082.40	3/4	715.73	3/4	353.19	3/4	33.88	3/4		3/4		3/4	
10	2,174.78	10	1,808.10	10	1,441.43	10	1,074.76	10	708.09	10	345.94	10	29.66	10		10		10	
1/4	2,167.14	1/4	1,800.46	1/4	1,433.79	1/4	1,067.12	1/4	700.45	1/4	338.73	1/4	26.03	1/4		1/4		1/4	
1/2	2,159.50	1/2	1,792.83	1/2	1,426.16	1/2	1,059.49	1/2	692.81	1/2	331.53	1/2	22.41	1/2		1/2		1/2	
3/4	2,151.86	3/4	1,785.19	3/4	1,418.52	3/4	1,051.85	3/4	685.17	3/4	324.32	3/4	18.78	3/4		3/4		3/4	
11	2,144.22	11	1,777.55	11	1,410.88	11	1,044.21	11	677.53	11	317.17	11	15.76	11		11		11	
1/4	2,136.58	1/4	1,769.91	1/4	1,403.24	1/4	1,036.57	1/4	669.89	1/4	310.07	1/4	13.33	1/4		1/4		1/4	
1/2	2,128.94	1/2	1,762.27	1/2	1,395.60	1/2	1,028.93	1/2	662.26	1/2	302.97	1/2	10.90	1/2		1/2		1/2	
3/4	2,121.30	3/4	1,754.63	3/4	1,387.96	3/4	1,021.29	3/4	654.62	3/4	295.87	3/4	8.47	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/19/2000 IA
REPRINTED: 01/13/2006 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2006

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

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BARGE "GBL 1230"

1 STBD ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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		0	5,039.40	0	4,672.73	0	4,306.06	0	3,939.39	0	3,572.71	0	3,206.04	0	2,839.37		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,031.77	1/4	4,665.09	1/4	4,298.42	1/4	3,931.75	1/4	3,565.08	1/4	3,198.41	1/4	2,831.73		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,024.13	1/2	4,657.45	1/2	4,290.78	1/2	3,924.11	1/2	3,557.44	1/2	3,190.77	1/2	2,824.09		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,016.49	3/4	4,649.81	3/4	4,283.14	3/4	3,916.47	3/4	3,549.80	3/4	3,183.13	3/4	2,816.45		
1		1		1		1	5,008.85	1	4,642.17	1	4,275.50	1	3,908.83	1	3,542.16	1	3,175.49	1	2,808.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,001.21	1/4	4,634.54	1/4	4,267.87	1/4	3,901.19	1/4	3,534.52	1/4	3,167.85	1/4	2,801.18		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,993.57	1/2	4,626.90	1/2	4,260.23	1/2	3,893.55	1/2	3,526.88	1/2	3,160.21	1/2	2,793.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,985.93	3/4	4,619.26	3/4	4,252.59	3/4	3,885.91	3/4	3,519.24	3/4	3,152.57	3/4	2,785.90		
2		2		2		2	4,978.29	2	4,611.62	2	4,244.95	2	3,878.27	2	3,511.60	2	3,144.93	2	2,778.26		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,970.65	1/4	4,603.98	1/4	4,237.31	1/4	3,870.64	1/4	3,503.97	1/4	3,137.29	1/4	2,770.62		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,963.01	1/2	4,596.34	1/2	4,229.67	1/2	3,863.00	1/2	3,496.33	1/2	3,129.65	1/2	2,762.98		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,955.37	3/4	4,588.70	3/4	4,222.03	3/4	3,855.36	3/4	3,488.69	3/4	3,122.01	3/4	2,755.34		
3		3		3		3	4,947.73	3	4,581.06	3	4,214.39	3	3,847.72	3	3,481.05	3	3,114.37	3	2,747.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,940.10	1/4	4,573.43	1/4	4,206.75	1/4	3,840.08	1/4	3,473.41	1/4	3,106.74	1/4	2,740.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,932.46	1/2	4,565.79	1/2	4,199.11	1/2	3,832.44	1/2	3,465.77	1/2	3,099.10	1/2	2,732.43		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,924.82	3/4	4,558.15	3/4	4,191.47	3/4	3,824.80	3/4	3,458.13	3/4	3,091.46	3/4	2,724.79		
4		4		4		4	4,917.18	4	4,550.51	4	4,183.83	4	3,817.16	4	3,450.49	4	3,083.82	4	2,717.15		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,909.54	1/4	4,542.87	1/4	4,176.20	1/4	3,809.53	1/4	3,442.85	1/4	3,076.18	1/4	2,709.51		
1/2	1/2	1/2	5/8	1/2	5/8	1/2	5,180.65	1/2	4,901.90	1/2	4,535.23	1/2	4,168.56	1/2	3,801.89	1/2	3,435.21	1/2	3,068.54	1/2	2,701.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,180.22	3/4	4,894.26	3/4	4,527.59	3/4	4,160.92	3/4	3,794.25	3/4	3,427.57	3/4	3,060.90	3/4	2,694.23
5		5		5		5	5,179.35	5	4,886.62	5	4,519.95	5	4,153.28	5	3,786.61	5	3,419.93	5	3,053.26	5	2,686.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,178.49	1/4	4,878.99	1/4	4,512.31	1/4	4,145.64	1/4	3,778.97	1/4	3,412.30	1/4	3,045.63	1/4	2,678.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,177.62	1/2	4,871.35	1/2	4,504.67	1/2	4,138.00	1/2	3,771.33	1/2	3,404.66	1/2	3,037.99	1/2	2,671.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,176.15	3/4	4,863.71	3/4	4,497.03	3/4	4,130.36	3/4	3,763.69	3/4	3,397.02	3/4	3,030.35	3/4	2,663.67
6		6		6		6	5,174.07	6	4,856.07	6	4,489.39	6	4,122.72	6	3,756.05	6	3,389.38	6	3,022.71	6	2,656.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,171.98	1/4	4,848.43	1/4	4,481.76	1/4	4,115.09	1/4	3,748.41	1/4	3,381.74	1/4	3,015.07	1/4	2,648.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,169.90	1/2	4,840.79	1/2	4,474.12	1/2	4,107.45	1/2	3,740.77	1/2	3,374.10	1/2	3,007.43	1/2	2,640.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,167.13	3/4	4,833.15	3/4	4,466.48	3/4	4,099.81	3/4	3,733.13	3/4	3,366.46	3/4	2,999.79	3/4	2,633.12
7		7		7		7	5,163.66	7	4,825.51	7	4,458.84	7	4,092.17	7	3,725.49	7	3,358.82	7	2,992.15	7	2,625.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,160.20	1/4	4,817.87	1/4	4,451.20	1/4	4,084.53	1/4	3,717.86	1/4	3,351.19	1/4	2,984.51	1/4	2,617.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,156.73	1/2	4,810.23	1/2	4,443.56	1/2	4,076.89	1/2	3,710.22	1/2	3,343.55	1/2	2,976.87	1/2	2,610.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,152.57	3/4	4,802.59	3/4	4,435.92	3/4	4,069.25	3/4	3,702.58	3/4	3,335.91	3/4	2,969.23	3/4	2,602.56
8		8		8		8	5,147.71	8	4,794.95	8	4,428.28	8	4,061.61	8	3,694.94	8	3,328.27	8	2,961.59	8	2,594.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,142.86	1/4	4,787.32	1/4	4,420.65	1/4	4,053.97	1/4	3,687.30	1/4	3,320.63	1/4	2,953.96	1/4	2,587.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,138.00	1/2	4,779.68	1/2	4,413.01	1/2	4,046.33	1/2	3,679.66	1/2	3,312.99	1/2	2,946.32	1/2	2,579.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,132.45	3/4	4,772.04	3/4	4,405.37	3/4	4,038.69	3/4	3,672.02	3/4	3,305.35	3/4	2,938.68	3/4	2,572.01
9		9		9		9	5,126.20	9	4,764.40	9	4,397.73	9	4,031.05	9	3,664.38	9	3,297.71	9	2,931.04	9	2,564.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,119.95	1/4	4,756.76	1/4	4,390.09	1/4	4,023.42	1/4	3,656.75	1/4	3,290.07	1/4	2,923.40	1/4	2,556.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,113.70	1/2	4,749.12	1/2	4,382.45	1/2	4,015.78	1/2	3,649.11	1/2	3,282.43	1/2	2,915.76	1/2	2,549.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,106.94	3/4	4,741.48	3/4	4,374.81	3/4	4,008.14	3/4	3,641.47	3/4	3,274.79	3/4	2,908.12	3/4	2,541.45
10		10		10		10	5,099.65	10	4,733.84	10	4,367.17	10	4,000.50	10	3,633.83	10	3,267.15	10	2,900.48	10	2,533.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,092.36	1/4	4,726.21	1/4	4,359.53	1/4	3,992.86	1/4	3,626.19	1/4	3,259.52	1/4	2,892.85	1/4	2,526.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,085.07	1/2	4,718.57	1/2	4,351.89	1/2	3,985.22	1/2	3,618.55	1/2	3,251.88	1/2	2,885.21	1/2	2,518.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,077.60	3/4	4,710.93	3/4	4,344.25	3/4	3,977.58	3/4	3,610.91	3/4	3,244.24	3/4	2,877.57	3/4	2,510.89
11		11		11		11	5,069.96	11	4,703.29	11	4,336.61	11	3,969.94	11	3,603.27	11	3,236.60	11	2,869.93	11	2,503.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,062.32	1/4	4,695.65	1/4	4,328.98	1/4	3,962.31	1/4	3,595.63	1/4	3,228.96	1/4	2,862.29	1/4	2,495.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,054.68	1/2	4,688.01	1/2	4,321.34	1/2	3,954.67	1/2	3,587.99	1/2	3,221.32	1/2	2,854.65	1/2	2,487.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,047.04	3/4	4,680.37	3/4	4,313.70	3/4	3,947.03	3/4	3,580.35	3/4	3,213.68	3/4	2,847.01	3/4	2,480.34

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: LOCATED NEAR CENTER OF TANK.
 CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

[Http://www.pmacorp.net](http://www.pmacorp.net)



BARGE "GBL 1230"

1 STBD
ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 7/8"

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	2,472.70	0	2,106.02	0	1,739.35	0	1,372.68	0	1,006.01	0	639.34	0	281.67	7/8	5.38	0		0	
1/4	2,465.06	1/4	2,098.39	1/4	1,731.72	1/4	1,365.05	1/4	998.37	1/4	631.70	1/4	274.57	1/4		1/4		1/4	
1/2	2,457.42	1/2	2,090.75	1/2	1,724.08	1/2	1,357.41	1/2	990.73	1/2	624.06	1/2	267.47	1/2		1/2		1/2	
3/4	2,449.78	3/4	2,083.11	3/4	1,716.44	3/4	1,349.77	3/4	983.09	3/4	616.42	3/4	260.42	3/4		3/4		3/4	
1	2,442.14	1	2,075.47	1	1,708.80	1	1,342.13	1	975.45	1	608.78	1	253.43	1		1		1	
1/4	2,434.50	1/4	2,067.83	1/4	1,701.16	1/4	1,334.49	1/4	967.82	1/4	601.15	1/4	246.43	1/4		1/4		1/4	
1/2	2,426.86	1/2	2,060.19	1/2	1,693.52	1/2	1,326.85	1/2	960.18	1/2	593.51	1/2	239.44	1/2		1/2		1/2	
3/4	2,419.22	3/4	2,052.55	3/4	1,685.88	3/4	1,319.21	3/4	952.54	3/4	585.87	3/4	232.50	3/4		3/4		3/4	
2	2,411.58	2	2,044.91	2	1,678.24	2	1,311.57	2	944.90	2	578.23	2	225.61	2		2		2	
1/4	2,403.95	1/4	2,037.28	1/4	1,670.60	1/4	1,303.93	1/4	937.26	1/4	570.59	1/4	218.72	1/4		1/4		1/4	
1/2	2,396.31	1/2	2,029.64	1/2	1,662.96	1/2	1,296.29	1/2	929.62	1/2	562.95	1/2	211.83	1/2		1/2		1/2	
3/4	2,388.67	3/4	2,022.00	3/4	1,655.32	3/4	1,288.65	3/4	921.98	3/4	555.31	3/4	204.94	3/4		3/4		3/4	
3	2,381.03	3	2,014.36	3	1,647.68	3	1,281.01	3	914.34	3	547.67	3	198.05	3		3		3	
1/4	2,373.39	1/4	2,006.72	1/4	1,640.05	1/4	1,273.38	1/4	906.71	1/4	540.03	1/4	191.16	1/4		1/4		1/4	
1/2	2,365.75	1/2	1,999.08	1/2	1,632.41	1/2	1,265.74	1/2	899.07	1/2	532.39	1/2	184.27	1/2		1/2		1/2	
3/4	2,358.11	3/4	1,991.44	3/4	1,624.77	3/4	1,258.10	3/4	891.43	3/4	524.77	3/4	177.43	3/4		3/4		3/4	
4	2,350.47	4	1,983.80	4	1,617.13	4	1,250.46	4	883.79	4	517.18	4	170.64	4		4		4	
1/4	2,342.84	1/4	1,976.16	1/4	1,609.49	1/4	1,242.82	1/4	876.15	1/4	509.58	1/4	163.86	1/4		1/4		1/4	
1/2	2,335.20	1/2	1,968.52	1/2	1,601.85	1/2	1,235.18	1/2	868.51	1/2	501.99	1/2	157.07	1/2		1/2		1/2	
3/4	2,327.56	3/4	1,960.88	3/4	1,594.21	3/4	1,227.54	3/4	860.87	3/4	494.41	3/4	150.34	3/4		3/4		3/4	
5	2,319.92	5	1,953.24	5	1,586.57	5	1,219.90	5	853.23	5	486.85	5	143.66	5		5		5	
1/4	2,312.28	1/4	1,945.61	1/4	1,578.94	1/4	1,212.27	1/4	845.59	1/4	479.30	1/4	136.98	1/4		1/4		1/4	
1/2	2,304.64	1/2	1,937.97	1/2	1,571.30	1/2	1,204.63	1/2	837.95	1/2	471.74	1/2	130.30	1/2		1/2		1/2	
3/4	2,297.00	3/4	1,930.33	3/4	1,563.66	3/4	1,196.99	3/4	830.31	3/4	464.18	3/4	123.62	3/4		3/4		3/4	
6	2,289.36	6	1,922.69	6	1,556.02	6	1,189.35	6	822.67	6	456.62	6	116.94	6		6		6	
1/4	2,281.72	1/4	1,915.05	1/4	1,548.38	1/4	1,181.71	1/4	815.04	1/4	449.07	1/4	110.25	1/4		1/4		1/4	
1/2	2,274.08	1/2	1,907.41	1/2	1,540.74	1/2	1,174.07	1/2	807.40	1/2	441.51	1/2	103.57	1/2		1/2		1/2	
3/4	2,266.44	3/4	1,899.77	3/4	1,533.10	3/4	1,166.43	3/4	799.76	3/4	434.01	3/4	96.94	3/4		3/4		3/4	
7	2,258.80	7	1,892.13	7	1,525.46	7	1,158.79	7	792.12	7	426.58	7	90.37	7		7		7	
1/4	2,251.17	1/4	1,884.50	1/4	1,517.82	1/4	1,151.15	1/4	784.48	1/4	419.15	1/4	83.79	1/4		1/4		1/4	
1/2	2,243.53	1/2	1,876.86	1/2	1,510.18	1/2	1,143.51	1/2	776.84	1/2	411.72	1/2	77.22	1/2		1/2		1/2	
3/4	2,235.89	3/4	1,869.22	3/4	1,502.54	3/4	1,135.87	3/4	769.20	3/4	404.35	3/4	71.04	3/4		3/4		3/4	
8	2,228.25	8	1,861.58	8	1,494.90	8	1,128.23	8	761.56	8	397.04	8	65.25	8		8		8	
1/4	2,220.61	1/4	1,853.94	1/4	1,487.27	1/4	1,120.60	1/4	753.93	1/4	389.73	1/4	59.46	1/4		1/4		1/4	
1/2	2,212.97	1/2	1,846.30	1/2	1,479.63	1/2	1,112.96	1/2	746.29	1/2	382.42	1/2	53.67	1/2		1/2		1/2	
3/4	2,205.33	3/4	1,838.66	3/4	1,471.99	3/4	1,105.32	3/4	738.65	3/4	375.12	3/4	48.37	3/4		3/4		3/4	
9	2,197.69	9	1,831.02	9	1,464.35	9	1,097.68	9	731.01	9	367.81	9	43.54	9		9		9	
1/4	2,190.06	1/4	1,823.38	1/4	1,456.71	1/4	1,090.04	1/4	723.37	1/4	360.50	1/4	38.71	1/4		1/4		1/4	
1/2	2,182.42	1/2	1,815.74	1/2	1,449.07	1/2	1,082.40	1/2	715.73	1/2	353.19	1/2	33.88	1/2		1/2		1/2	
3/4	2,174.78	3/4	1,808.10	3/4	1,441.43	3/4	1,074.76	3/4	708.09	3/4	345.94	3/4	29.66	3/4		3/4		3/4	
10	2,167.14	10	1,800.46	10	1,433.79	10	1,067.12	10	700.45	10	338.73	10	26.03	10		10		10	
1/4	2,159.50	1/4	1,792.83	1/4	1,426.16	1/4	1,059.49	1/4	692.81	1/4	331.53	1/4	22.41	1/4		1/4		1/4	
1/2	2,151.86	1/2	1,785.19	1/2	1,418.52	1/2	1,051.85	1/2	685.17	1/2	324.32	1/2	18.78	1/2		1/2		1/2	
3/4	2,144.22	3/4	1,777.55	3/4	1,410.88	3/4	1,044.21	3/4	677.53	3/4	317.17	3/4	15.76	3/4		3/4		3/4	
11	2,136.58	11	1,769.91	11	1,403.24	11	1,036.57	11	669.89	11	310.07	11	13.33	11		11		11	
1/4	2,128.94	1/4	1,762.27	1/4	1,395.60	1/4	1,028.93	1/4	662.26	1/4	302.97	1/4	10.90	1/4		1/4		1/4	
1/2	2,121.30	1/2	1,754.63	1/2	1,387.96	1/2	1,021.29	1/2	654.62	1/2	295.87	1/2	8.47	1/2		1/2		1/2	
3/4	2,113.66	3/4	1,746.99	3/4	1,380.32	3/4	1,013.65	3/4	646.98	3/4	288.77	3/4	6.32	3/4		3/4		3/4	

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BARGE "GBL 1230"

2 PORT ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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		0	4,782.96	0	4,438.66	0	4,094.36	0	3,750.05	0	3,405.75	0	3,061.44	0	2,717.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,775.79	1/4	4,431.49	1/4	4,087.18	1/4	3,742.88	1/4	3,398.58	1/4	3,054.27	1/4	2,709.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,768.61	1/2	4,424.31	1/2	4,080.01	1/2	3,735.70	1/2	3,391.40	1/2	3,047.09	1/2	2,702.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,761.44	3/4	4,417.14	3/4	4,072.83	3/4	3,728.53	3/4	3,384.23	3/4	3,039.92	3/4	2,695.62
1		1		1		1	4,754.27	1	4,409.97	1	4,065.66	1	3,721.36	1	3,377.06	1	3,032.75	1	2,688.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,747.10	1/4	4,402.80	1/4	4,058.49	1/4	3,714.19	1/4	3,369.88	1/4	3,025.58	1/4	2,681.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,739.92	1/2	4,395.62	1/2	4,051.31	1/2	3,707.01	1/2	3,362.71	1/2	3,018.40	1/2	2,674.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,732.75	3/4	4,388.45	3/4	4,044.14	3/4	3,699.84	3/4	3,355.53	3/4	3,011.23	3/4	2,666.93
2		2		2		2	4,725.58	2	4,381.28	2	4,036.97	2	3,692.67	2	3,348.36	2	3,004.06	2	2,659.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,718.41	1/4	4,374.10	1/4	4,029.80	1/4	3,685.50	1/4	3,341.19	1/4	2,996.89	1/4	2,652.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,711.23	1/2	4,366.93	1/2	4,022.62	1/2	3,678.32	1/2	3,334.01	1/2	2,989.71	1/2	2,645.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,704.06	3/4	4,359.75	3/4	4,015.45	3/4	3,671.15	3/4	3,326.84	3/4	2,982.54	3/4	2,638.23
3		3		3		3	4,696.89	3	4,352.58	3	4,008.28	3	3,663.98	3	3,319.67	3	2,975.37	3	2,631.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,689.72	1/4	4,345.41	1/4	4,001.11	1/4	3,656.80	1/4	3,312.50	1/4	2,968.20	1/4	2,623.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,682.54	1/2	4,338.23	1/2	3,993.93	1/2	3,649.63	1/2	3,305.32	1/2	2,961.02	1/2	2,616.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,675.37	3/4	4,331.06	3/4	3,986.76	3/4	3,642.45	3/4	3,298.15	3/4	2,953.85	3/4	2,609.54
4		4		4		4	4,668.20	4	4,323.89	4	3,979.59	4	3,635.28	4	3,290.98	4	2,946.68	4	2,602.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,661.02	1/4	4,316.72	1/4	3,972.42	1/4	3,628.11	1/4	3,283.81	1/4	2,939.50	1/4	2,595.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,653.85	1/2	4,309.54	1/2	3,965.24	1/2	3,620.93	1/2	3,276.63	1/2	2,932.33	1/2	2,588.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,646.67	3/4	4,302.37	3/4	3,958.07	3/4	3,613.76	3/4	3,269.46	3/4	2,925.15	3/4	2,580.85
5		5		5	4,904.79	5	4,639.50	5	4,295.20	5	3,950.90	5	3,606.59	5	3,262.29	5	2,917.98	5	2,573.68
1/4	1/4	1/4	1/4	1/4	4,904.15	1/4	4,632.33	1/4	4,288.03	1/4	3,943.72	1/4	3,599.42	1/4	3,255.12	1/4	2,910.81	1/4	2,566.51
1/2	1/2	1/2	1/2	1/2	4,903.50	1/2	4,625.15	1/2	4,280.85	1/2	3,936.55	1/2	3,592.24	1/2	3,247.94	1/2	2,903.63	1/2	2,559.33
3/4	3/4	3/4	3/4	3/4	4,902.86	3/4	4,617.98	3/4	4,273.68	3/4	3,929.37	3/4	3,585.07	3/4	3,240.77	3/4	2,896.46	3/4	2,552.16
6		6		6	4,901.24	6	4,610.81	6	4,266.51	6	3,922.20	6	3,577.90	6	3,233.60	6	2,889.29	6	2,544.99
1/4	1/4	1/4	1/4	1/4	4,899.62	1/4	4,603.64	1/4	4,259.34	1/4	3,915.03	1/4	3,570.73	1/4	3,226.42	1/4	2,882.12	1/4	2,537.82
1/2	1/2	1/2	1/2	1/2	4,897.99	1/2	4,596.46	1/2	4,252.16	1/2	3,907.85	1/2	3,563.55	1/2	3,219.25	1/2	2,874.94	1/2	2,530.64
3/4	3/4	3/4	3/4	3/4	4,896.37	3/4	4,589.29	3/4	4,244.99	3/4	3,900.68	3/4	3,556.38	3/4	3,212.07	3/4	2,867.77	3/4	2,523.47
7		7		7	4,893.44	7	4,582.12	7	4,237.82	7	3,893.51	7	3,549.21	7	3,204.90	7	2,860.60	7	2,516.30
1/4	1/4	1/4	1/4	1/4	4,890.52	1/4	4,574.95	1/4	4,230.64	1/4	3,886.34	1/4	3,542.04	1/4	3,197.73	1/4	2,853.43	1/4	2,509.12
1/2	1/2	1/2	1/2	1/2	4,887.59	1/2	4,567.77	1/2	4,223.47	1/2	3,879.16	1/2	3,534.86	1/2	3,190.55	1/2	2,846.25	1/2	2,501.95
3/4	3/4	3/4	3/4	3/4	4,884.66	3/4	4,560.60	3/4	4,216.29	3/4	3,871.99	3/4	3,527.69	3/4	3,183.38	3/4	2,839.08	3/4	2,494.77
8		8		8	4,880.43	8	4,553.43	8	4,209.12	8	3,864.82	8	3,520.52	8	3,176.21	8	2,831.91	8	2,487.60
1/4	1/4	1/4	1/4	1/4	4,876.19	1/4	4,546.26	1/4	4,201.95	1/4	3,857.65	1/4	3,513.34	1/4	3,169.04	1/4	2,824.74	1/4	2,480.43
1/2	1/2	1/2	1/2	1/2	4,871.96	1/2	4,539.08	1/2	4,194.77	1/2	3,850.47	1/2	3,506.17	1/2	3,161.86	1/2	2,817.56	1/2	2,473.25
3/4	3/4	3/4	3/4	3/4	4,867.72	3/4	4,531.91	3/4	4,187.60	3/4	3,843.30	3/4	3,498.99	3/4	3,154.69	3/4	2,810.39	3/4	2,466.08
9		9		9	4,862.16	9	4,524.74	9	4,180.43	9	3,836.13	9	3,491.82	9	3,147.52	9	2,803.22	9	2,458.91
1/4	1/4	1/4	1/4	1/4	4,856.59	1/4	4,517.56	1/4	4,173.26	1/4	3,828.96	1/4	3,484.65	1/4	3,140.35	1/4	2,796.04	1/4	2,451.74
1/2	1/2	1/2	1/2	1/2	4,851.03	1/2	4,510.39	1/2	4,166.08	1/2	3,821.78	1/2	3,477.47	1/2	3,133.17	1/2	2,788.87	1/2	2,444.56
3/4	3/4	3/4	3/4	3/4	4,845.46	3/4	4,503.21	3/4	4,158.91	3/4	3,814.61	3/4	3,470.30	3/4	3,126.00	3/4	2,781.69	3/4	2,437.39
10		10		10	4,838.80	10	4,496.04	10	4,151.74	10	3,807.44	10	3,463.13	10	3,118.83	10	2,774.52	10	2,430.22
1/4	1/4	1/4	1/4	1/4	4,832.15	1/4	4,488.87	1/4	4,144.57	1/4	3,800.26	1/4	3,455.96	1/4	3,111.66	1/4	2,767.35	1/4	2,423.05
1/2	1/2	1/2	1/2	1/2	4,825.49	1/2	4,481.69	1/2	4,137.39	1/2	3,793.09	1/2	3,448.78	1/2	3,104.48	1/2	2,760.17	1/2	2,415.87
3/4	3/4	3/4	3/4	3/4	4,818.83	3/4	4,474.52	3/4	4,130.22	3/4	3,785.91	3/4	3,441.61	3/4	3,097.31	3/4	2,753.00	3/4	2,408.70
11		11		11	4,811.66	11	4,467.35	11	4,123.05	11	3,778.74	11	3,434.44	11	3,090.14	11	2,745.83	11	2,401.53
1/4	1/4	1/4	1/4	1/4	4,804.48	1/4	4,460.18	1/4	4,115.88	1/4	3,771.57	1/4	3,427.27	1/4	3,082.96	1/4	2,738.66	1/4	2,394.36
1/2	1/2	1/2	1/2	1/2	4,797.31	1/2	4,453.00	1/2	4,108.70	1/2	3,764.39	1/2	3,420.09	1/2	3,075.79	1/2	2,731.48	1/2	2,387.18
3/4	3/4	3/4	3/4	3/4	4,790.13	3/4	4,445.83	3/4	4,101.53	3/4	3,757.22	3/4	3,412.92	3/4	3,068.61	3/4	2,724.31	3/4	2,380.01

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: LOCATED NEAR CENTER OF TANK.
 CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

<http://www.pmacorp.net>



BARGE "GBL 1230"

2 PORT ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,372.84	0	2,028.53	0	1,684.23	0	1,339.93	0	996.30	0	653.05	0	308.75	0		0		0	
1/4	2,365.66	1/4	2,021.36	1/4	1,677.06	1/4	1,332.75	1/4	989.16	1/4	645.88	1/4	301.58	1/4		1/4		1/4	
1/2	2,358.49	1/2	2,014.18	1/2	1,669.88	1/2	1,325.58	1/2	982.01	1/2	638.70	1/2	294.40	1/2		1/2		1/2	
3/4	2,351.31	3/4	2,007.01	3/4	1,662.71	3/4	1,318.40	3/4	974.87	3/4	631.53	3/4	287.23	3/4		3/4		3/4	
1	2,344.14	1	1,999.84	1	1,655.54	1	1,311.23	1	967.73	1	624.36	1	280.06	1		1		1	
1/4	2,336.97	1/4	1,992.67	1/4	1,648.37	1/4	1,304.06	1/4	960.59	1/4	617.19	1/4	272.89	1/4		1/4		1/4	
1/2	2,329.79	1/2	1,985.49	1/2	1,641.19	1/2	1,296.88	1/2	953.45	1/2	610.01	1/2	265.71	1/2		1/2		1/2	
3/4	2,322.62	3/4	1,978.32	3/4	1,634.02	3/4	1,289.71	3/4	946.31	3/4	602.84	3/4	258.54	3/4		3/4		3/4	
2	2,315.45	2	1,971.15	2	1,626.85	2	1,282.54	2	939.17	2	595.67	2	251.37	2		2		2	
1/4	2,308.28	1/4	1,963.98	1/4	1,619.67	1/4	1,275.37	1/4	932.03	1/4	588.50	1/4	244.19	1/4		1/4		1/4	
1/2	2,301.10	1/2	1,956.80	1/2	1,612.50	1/2	1,268.19	1/2	924.88	1/2	581.32	1/2	237.02	1/2		1/2		1/2	
3/4	2,293.93	3/4	1,949.63	3/4	1,605.32	3/4	1,261.02	3/4	917.74	3/4	574.15	3/4	229.84	3/4		3/4		3/4	
3	2,286.76	3	1,942.46	3	1,598.15	3	1,253.85	3	910.60	3	566.98	3	222.67	3		3		3	
1/4	2,279.59	1/4	1,935.29	1/4	1,590.98	1/4	1,246.68	1/4	903.46	1/4	559.81	1/4	215.50	1/4		1/4		1/4	
1/2	2,272.41	1/2	1,928.11	1/2	1,583.80	1/2	1,239.50	1/2	896.31	1/2	552.63	1/2	208.32	1/2		1/2		1/2	
3/4	2,265.24	3/4	1,920.94	3/4	1,576.63	3/4	1,232.33	3/4	889.17	3/4	545.46	3/4	201.15	3/4		3/4		3/4	
4	2,258.07	4	1,913.77	4	1,569.46	4	1,225.16	4	882.03	4	538.29	4	193.98	4		4		4	
1/4	2,250.90	1/4	1,906.59	1/4	1,562.29	1/4	1,217.99	1/4	874.89	1/4	531.11	1/4	186.81	1/4		1/4		1/4	
1/2	2,243.72	1/2	1,899.42	1/2	1,555.11	1/2	1,210.81	1/2	867.74	1/2	523.94	1/2	179.63	1/2		1/2		1/2	
3/4	2,236.55	3/4	1,892.24	3/4	1,547.94	3/4	1,203.64	3/4	860.60	3/4	516.76	3/4	172.46	3/4		3/4		3/4	
5	2,229.38	5	1,885.07	5	1,540.77	5	1,196.47	5	853.46	5	509.59	5	165.29	5		5		5	
1/4	2,222.21	1/4	1,877.90	1/4	1,533.60	1/4	1,189.29	1/4	846.32	1/4	502.42	1/4	158.12	1/4		1/4		1/4	
1/2	2,215.03	1/2	1,870.72	1/2	1,526.42	1/2	1,182.12	1/2	839.17	1/2	495.24	1/2	150.94	1/2		1/2		1/2	
3/4	2,207.86	3/4	1,863.55	3/4	1,519.25	3/4	1,174.94	3/4	832.03	3/4	488.07	3/4	143.77	3/4		3/4		3/4	
6	2,200.69	6	1,856.38	6	1,512.08	6	1,167.78	6	824.89	6	480.90	6	136.60	6		6		6	
1/4	2,193.51	1/4	1,849.21	1/4	1,504.91	1/4	1,160.61	1/4	817.75	1/4	473.73	1/4	129.43	1/4		1/4		1/4	
1/2	2,186.34	1/2	1,842.03	1/2	1,497.73	1/2	1,153.45	1/2	810.61	1/2	466.55	1/2	122.25	1/2		1/2		1/2	
3/4	2,179.16	3/4	1,834.86	3/4	1,490.56	3/4	1,146.28	3/4	803.47	3/4	459.38	3/4	115.08	3/4		3/4		3/4	
7	2,171.99	7	1,827.69	7	1,483.39	7	1,139.14	7	796.33	7	452.21	7	107.91	7		7		7	
1/4	2,164.82	1/4	1,820.52	1/4	1,476.21	1/4	1,132.00	1/4	789.19	1/4	445.04	1/4	100.73	1/4		1/4		1/4	
1/2	2,157.64	1/2	1,813.34	1/2	1,469.04	1/2	1,124.85	1/2	782.04	1/2	437.86	1/2	93.56	1/2		1/2		1/2	
3/4	2,150.47	3/4	1,806.17	3/4	1,461.86	3/4	1,117.71	3/4	774.90	3/4	430.69	3/4	86.38	3/4		3/4		3/4	
8	2,143.30	8	1,799.00	8	1,454.69	8	1,110.57	8	767.75	8	423.52	8	79.70	8		8		8	
1/4	2,136.13	1/4	1,791.83	1/4	1,447.52	1/4	1,103.43	1/4	760.60	1/4	416.35	1/4	73.02	1/4		1/4		1/4	
1/2	2,128.95	1/2	1,784.65	1/2	1,440.34	1/2	1,096.29	1/2	753.45	1/2	409.17	1/2	66.33	1/2		1/2		1/2	
3/4	2,121.78	3/4	1,777.48	3/4	1,433.17	3/4	1,089.15	3/4	746.30	3/4	402.00	3/4	59.65	3/4		3/4		3/4	
9	2,114.61	9	1,770.31	9	1,426.00	9	1,082.01	9	739.13	9	394.83	9	54.11	9		9		9	
1/4	2,107.44	1/4	1,763.13	1/4	1,418.83	1/4	1,074.87	1/4	731.96	1/4	387.65	1/4	48.57	1/4		1/4		1/4	
1/2	2,100.26	1/2	1,755.96	1/2	1,411.65	1/2	1,067.72	1/2	724.78	1/2	380.48	1/2	43.03	1/2		1/2		1/2	
3/4	2,093.09	3/4	1,748.78	3/4	1,404.48	3/4	1,060.58	3/4	717.61	3/4	373.30	3/4	37.49	3/4		3/4		3/4	
10	2,085.92	10	1,741.61	10	1,397.31	10	1,053.44	10	710.44	10	366.13	10	33.26	10		10		10	
1/4	2,078.75	1/4	1,734.44	1/4	1,390.14	1/4	1,046.30	1/4	703.27	1/4	358.96	1/4	29.02	1/4		1/4		1/4	
1/2	2,071.57	1/2	1,727.26	1/2	1,382.96	1/2	1,039.15	1/2	696.09	1/2	351.78	1/2	24.79	1/2		1/2		1/2	
3/4	2,064.40	3/4	1,720.09	3/4	1,375.79	3/4	1,032.01	3/4	688.92	3/4	344.61	3/4	20.55	3/4		3/4		3/4	
11	2,057.23	11	1,712.92	11	1,368.62	11	1,024.87	11	681.75	11	337.44	11	17.62	11		11		11	
1/4	2,050.05	1/4	1,705.75	1/4	1,361.45	1/4	1,017.73	1/4	674.57	1/4	330.27	1/4	14.69	1/4		1/4		1/4	
1/2	2,042.88	1/2	1,698.57	1/2	1,354.27	1/2	1,010.58	1/2	667.40	1/2	323.09	1/2	11.76	1/2		1/2		1/2	
3/4	2,035.70	3/4	1,691.40	3/4	1,347.10	3/4	1,003.44	3/4	660.22	3/4	315.92	3/4	8.83	3/4		3/4		3/4	

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BARGE "GBL 1230"

2 STBD ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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		0	4,782.96	0	4,438.66	0	4,094.36	0	3,750.05	0	3,405.75	0	3,061.44	0	2,717.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,775.79	1/4	4,431.49	1/4	4,087.18	1/4	3,742.88	1/4	3,398.58	1/4	3,054.27	1/4	2,709.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,768.61	1/2	4,424.31	1/2	4,080.01	1/2	3,735.70	1/2	3,391.40	1/2	3,047.09	1/2	2,702.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,761.44	3/4	4,417.14	3/4	4,072.83	3/4	3,728.53	3/4	3,384.23	3/4	3,039.92	3/4	2,695.62
1		1		1		1	4,754.27	1	4,409.97	1	4,065.66	1	3,721.36	1	3,377.06	1	3,032.75	1	2,688.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,747.10	1/4	4,402.80	1/4	4,058.49	1/4	3,714.19	1/4	3,369.88	1/4	3,025.58	1/4	2,681.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,739.92	1/2	4,395.62	1/2	4,051.31	1/2	3,707.01	1/2	3,362.71	1/2	3,018.40	1/2	2,674.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,732.75	3/4	4,388.45	3/4	4,044.14	3/4	3,699.84	3/4	3,355.53	3/4	3,011.23	3/4	2,666.93
2		2		2		2	4,725.58	2	4,381.28	2	4,036.97	2	3,692.67	2	3,348.36	2	3,004.06	2	2,659.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,718.41	1/4	4,374.10	1/4	4,029.80	1/4	3,685.50	1/4	3,341.19	1/4	2,996.89	1/4	2,652.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,711.23	1/2	4,366.93	1/2	4,022.62	1/2	3,678.32	1/2	3,334.01	1/2	2,989.71	1/2	2,645.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,704.06	3/4	4,359.75	3/4	4,015.45	3/4	3,671.15	3/4	3,326.84	3/4	2,982.54	3/4	2,638.23
3		3		3		3	4,696.89	3	4,352.58	3	4,008.28	3	3,663.98	3	3,319.67	3	2,975.37	3	2,631.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,689.72	1/4	4,345.41	1/4	4,001.11	1/4	3,656.80	1/4	3,312.50	1/4	2,968.20	1/4	2,623.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,682.54	1/2	4,338.23	1/2	3,993.93	1/2	3,649.63	1/2	3,305.32	1/2	2,961.02	1/2	2,616.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,675.37	3/4	4,331.06	3/4	3,986.76	3/4	3,642.45	3/4	3,298.15	3/4	2,953.85	3/4	2,609.54
4		4		4		4	4,668.20	4	4,323.89	4	3,979.59	4	3,635.28	4	3,290.98	4	2,946.68	4	2,602.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,661.02	1/4	4,316.72	1/4	3,972.42	1/4	3,628.11	1/4	3,283.81	1/4	2,939.50	1/4	2,595.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,653.85	1/2	4,309.54	1/2	3,965.24	1/2	3,620.93	1/2	3,276.63	1/2	2,932.33	1/2	2,588.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,646.67	3/4	4,302.37	3/4	3,958.07	3/4	3,613.76	3/4	3,269.46	3/4	2,925.15	3/4	2,580.85
5		5		5	4,904.79	5	4,639.50	5	4,295.20	5	3,950.90	5	3,606.59	5	3,262.29	5	2,917.98	5	2,573.68
1/4	1/4	1/4	1/4	1/4	4,904.15	1/4	4,632.33	1/4	4,288.03	1/4	3,943.72	1/4	3,599.42	1/4	3,255.12	1/4	2,910.81	1/4	2,566.51
1/2	1/2	1/2	1/2	1/2	4,903.50	1/2	4,625.15	1/2	4,280.85	1/2	3,936.55	1/2	3,592.24	1/2	3,247.94	1/2	2,903.63	1/2	2,559.33
3/4	3/4	3/4	3/4	3/4	4,902.86	3/4	4,617.98	3/4	4,273.68	3/4	3,929.37	3/4	3,585.07	3/4	3,240.77	3/4	2,896.46	3/4	2,552.16
6		6		6	4,901.24	6	4,610.81	6	4,266.51	6	3,922.20	6	3,577.90	6	3,233.60	6	2,889.29	6	2,544.99
1/4	1/4	1/4	1/4	1/4	4,899.62	1/4	4,603.64	1/4	4,259.34	1/4	3,915.03	1/4	3,570.73	1/4	3,226.42	1/4	2,882.12	1/4	2,537.82
1/2	1/2	1/2	1/2	1/2	4,897.99	1/2	4,596.46	1/2	4,252.16	1/2	3,907.85	1/2	3,563.55	1/2	3,219.25	1/2	2,874.94	1/2	2,530.64
3/4	3/4	3/4	3/4	3/4	4,896.37	3/4	4,589.29	3/4	4,244.99	3/4	3,900.68	3/4	3,556.38	3/4	3,212.07	3/4	2,867.77	3/4	2,523.47
7		7		7	4,893.44	7	4,582.12	7	4,237.82	7	3,893.51	7	3,549.21	7	3,204.90	7	2,860.60	7	2,516.30
1/4	1/4	1/4	1/4	1/4	4,890.52	1/4	4,574.95	1/4	4,230.64	1/4	3,886.34	1/4	3,542.04	1/4	3,197.73	1/4	2,853.43	1/4	2,509.12
1/2	1/2	1/2	1/2	1/2	4,887.59	1/2	4,567.77	1/2	4,223.47	1/2	3,879.16	1/2	3,534.86	1/2	3,190.55	1/2	2,846.25	1/2	2,501.95
3/4	3/4	3/4	3/4	3/4	4,884.66	3/4	4,560.60	3/4	4,216.29	3/4	3,871.99	3/4	3,527.69	3/4	3,183.38	3/4	2,839.08	3/4	2,494.77
8		8		8	4,880.43	8	4,553.43	8	4,209.12	8	3,864.82	8	3,520.52	8	3,176.21	8	2,831.91	8	2,487.60
1/4	1/4	1/4	1/4	1/4	4,876.19	1/4	4,546.26	1/4	4,201.95	1/4	3,857.65	1/4	3,513.34	1/4	3,169.04	1/4	2,824.74	1/4	2,480.43
1/2	1/2	1/2	1/2	1/2	4,871.96	1/2	4,539.08	1/2	4,194.77	1/2	3,850.47	1/2	3,506.17	1/2	3,161.86	1/2	2,817.56	1/2	2,473.25
3/4	3/4	3/4	3/4	3/4	4,867.72	3/4	4,531.91	3/4	4,187.60	3/4	3,843.30	3/4	3,498.99	3/4	3,154.69	3/4	2,810.39	3/4	2,466.08
9		9		9	4,862.16	9	4,524.74	9	4,180.43	9	3,836.13	9	3,491.82	9	3,147.52	9	2,803.22	9	2,458.91
1/4	1/4	1/4	1/4	1/4	4,856.59	1/4	4,517.56	1/4	4,173.26	1/4	3,828.96	1/4	3,484.65	1/4	3,140.35	1/4	2,796.04	1/4	2,451.74
1/2	1/2	1/2	1/2	1/2	4,851.03	1/2	4,510.39	1/2	4,166.08	1/2	3,821.78	1/2	3,477.47	1/2	3,133.17	1/2	2,788.87	1/2	2,444.56
3/4	3/4	3/4	3/4	3/4	4,845.46	3/4	4,503.21	3/4	4,158.91	3/4	3,814.61	3/4	3,470.30	3/4	3,126.00	3/4	2,781.69	3/4	2,437.39
10		10		10	4,838.80	10	4,496.04	10	4,151.74	10	3,807.44	10	3,463.13	10	3,118.83	10	2,774.52	10	2,430.22
1/4	1/4	1/4	1/4	1/4	4,832.15	1/4	4,488.87	1/4	4,144.57	1/4	3,800.26	1/4	3,455.96	1/4	3,111.66	1/4	2,767.35	1/4	2,423.05
1/2	1/2	1/2	1/2	1/2	4,825.49	1/2	4,481.69	1/2	4,137.39	1/2	3,793.09	1/2	3,448.78	1/2	3,104.48	1/2	2,760.17	1/2	2,415.87
3/4	3/4	3/4	3/4	3/4	4,818.83	3/4	4,474.52	3/4	4,130.22	3/4	3,785.91	3/4	3,441.61	3/4	3,097.31	3/4	2,753.00	3/4	2,408.70
11		11		11	4,811.66	11	4,467.35	11	4,123.05	11	3,778.74	11	3,434.44	11	3,090.14	11	2,745.83	11	2,401.53
1/4	1/4	1/4	1/4	1/4	4,804.48	1/4	4,460.18	1/4	4,115.88	1/4	3,771.57	1/4	3,427.27	1/4	3,082.96	1/4	2,738.66	1/4	2,394.36
1/2	1/2	1/2	1/2	1/2	4,797.31	1/2	4,453.00	1/2	4,108.70	1/2	3,764.39	1/2	3,420.09	1/2	3,075.79	1/2	2,731.48	1/2	2,387.18
3/4	3/4	3/4	3/4	3/4	4,790.13	3/4	4,445.83	3/4	4,101.53	3/4	3,757.22	3/4	3,412.92	3/4	3,068.61	3/4	2,724.31	3/4	2,380.01

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: LOCATED NEAR CENTER OF TANK.
 CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

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 1230"

**2 STBD
ULLAGE**

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,372.84	0	2,028.53	0	1,684.23	0	1,339.93	0	996.30	0	653.05	0	308.75	0		0		0	
1/4	2,365.66	1/4	2,021.36	1/4	1,677.06	1/4	1,332.75	1/4	989.16	1/4	645.88	1/4	301.58	1/4		1/4		1/4	
1/2	2,358.49	1/2	2,014.18	1/2	1,669.88	1/2	1,325.58	1/2	982.01	1/2	638.70	1/2	294.40	1/2		1/2		1/2	
3/4	2,351.31	3/4	2,007.01	3/4	1,662.71	3/4	1,318.40	3/4	974.87	3/4	631.53	3/4	287.23	3/4		3/4		3/4	
1	2,344.14	1	1,999.84	1	1,655.54	1	1,311.23	1	967.73	1	624.36	1	280.06	1		1		1	
1/4	2,336.97	1/4	1,992.67	1/4	1,648.37	1/4	1,304.06	1/4	960.59	1/4	617.19	1/4	272.89	1/4		1/4		1/4	
1/2	2,329.79	1/2	1,985.49	1/2	1,641.19	1/2	1,296.88	1/2	953.45	1/2	610.01	1/2	265.71	1/2		1/2		1/2	
3/4	2,322.62	3/4	1,978.32	3/4	1,634.02	3/4	1,289.71	3/4	946.31	3/4	602.84	3/4	258.54	3/4		3/4		3/4	
2	2,315.45	2	1,971.15	2	1,626.85	2	1,282.54	2	939.17	2	595.67	2	251.37	2		2		2	
1/4	2,308.28	1/4	1,963.98	1/4	1,619.67	1/4	1,275.37	1/4	932.03	1/4	588.50	1/4	244.19	1/4		1/4		1/4	
1/2	2,301.10	1/2	1,956.80	1/2	1,612.50	1/2	1,268.19	1/2	924.88	1/2	581.32	1/2	237.02	1/2		1/2		1/2	
3/4	2,293.93	3/4	1,949.63	3/4	1,605.32	3/4	1,261.02	3/4	917.74	3/4	574.15	3/4	229.84	3/4		3/4		3/4	
3	2,286.76	3	1,942.46	3	1,598.15	3	1,253.85	3	910.60	3	566.98	3	222.67	3		3		3	
1/4	2,279.59	1/4	1,935.29	1/4	1,590.98	1/4	1,246.68	1/4	903.46	1/4	559.81	1/4	215.50	1/4		1/4		1/4	
1/2	2,272.41	1/2	1,928.11	1/2	1,583.80	1/2	1,239.50	1/2	896.31	1/2	552.63	1/2	208.32	1/2		1/2		1/2	
3/4	2,265.24	3/4	1,920.94	3/4	1,576.63	3/4	1,232.33	3/4	889.17	3/4	545.46	3/4	201.15	3/4		3/4		3/4	
4	2,258.07	4	1,913.77	4	1,569.46	4	1,225.16	4	882.03	4	538.29	4	193.98	4		4		4	
1/4	2,250.90	1/4	1,906.59	1/4	1,562.29	1/4	1,217.99	1/4	874.89	1/4	531.11	1/4	186.81	1/4		1/4		1/4	
1/2	2,243.72	1/2	1,899.42	1/2	1,555.11	1/2	1,210.81	1/2	867.74	1/2	523.94	1/2	179.63	1/2		1/2		1/2	
3/4	2,236.55	3/4	1,892.24	3/4	1,547.94	3/4	1,203.64	3/4	860.60	3/4	516.76	3/4	172.46	3/4		3/4		3/4	
5	2,229.38	5	1,885.07	5	1,540.77	5	1,196.47	5	853.46	5	509.59	5	165.29	5		5		5	
1/4	2,222.21	1/4	1,877.90	1/4	1,533.60	1/4	1,189.29	1/4	846.32	1/4	502.42	1/4	158.12	1/4		1/4		1/4	
1/2	2,215.03	1/2	1,870.72	1/2	1,526.42	1/2	1,182.12	1/2	839.17	1/2	495.24	1/2	150.94	1/2		1/2		1/2	
3/4	2,207.86	3/4	1,863.55	3/4	1,519.25	3/4	1,174.94	3/4	832.03	3/4	488.07	3/4	143.77	3/4		3/4		3/4	
6	2,200.69	6	1,856.38	6	1,512.08	6	1,167.78	6	824.89	6	480.90	6	136.60	6		6		6	
1/4	2,193.51	1/4	1,849.21	1/4	1,504.91	1/4	1,160.61	1/4	817.75	1/4	473.73	1/4	129.43	1/4		1/4		1/4	
1/2	2,186.34	1/2	1,842.03	1/2	1,497.73	1/2	1,153.45	1/2	810.61	1/2	466.55	1/2	122.25	1/2		1/2		1/2	
3/4	2,179.16	3/4	1,834.86	3/4	1,490.56	3/4	1,146.28	3/4	803.47	3/4	459.38	3/4	115.08	3/4		3/4		3/4	
7	2,171.99	7	1,827.69	7	1,483.39	7	1,139.14	7	796.33	7	452.21	7	107.91	7		7		7	
1/4	2,164.82	1/4	1,820.52	1/4	1,476.21	1/4	1,132.00	1/4	789.19	1/4	445.04	1/4	100.73	1/4		1/4		1/4	
1/2	2,157.64	1/2	1,813.34	1/2	1,469.04	1/2	1,124.85	1/2	782.04	1/2	437.86	1/2	93.56	1/2		1/2		1/2	
3/4	2,150.47	3/4	1,806.17	3/4	1,461.86	3/4	1,117.71	3/4	774.90	3/4	430.69	3/4	86.38	3/4		3/4		3/4	
8	2,143.30	8	1,799.00	8	1,454.69	8	1,110.57	8	767.75	8	423.52	8	79.70	8		8		8	
1/4	2,136.13	1/4	1,791.83	1/4	1,447.52	1/4	1,103.43	1/4	760.60	1/4	416.35	1/4	73.02	1/4		1/4		1/4	
1/2	2,128.95	1/2	1,784.65	1/2	1,440.34	1/2	1,096.29	1/2	753.45	1/2	409.17	1/2	66.33	1/2		1/2		1/2	
3/4	2,121.78	3/4	1,777.48	3/4	1,433.17	3/4	1,089.15	3/4	746.30	3/4	402.00	3/4	59.65	3/4		3/4		3/4	
9	2,114.61	9	1,770.31	9	1,426.00	9	1,082.01	9	739.13	9	394.83	9	54.11	9		9		9	
1/4	2,107.44	1/4	1,763.13	1/4	1,418.83	1/4	1,074.87	1/4	731.96	1/4	387.65	1/4	48.57	1/4		1/4		1/4	
1/2	2,100.26	1/2	1,755.96	1/2	1,411.65	1/2	1,067.72	1/2	724.78	1/2	380.48	1/2	43.03	1/2		1/2		1/2	
3/4	2,093.09	3/4	1,748.78	3/4	1,404.48	3/4	1,060.58	3/4	717.61	3/4	373.30	3/4	37.49	3/4		3/4		3/4	
10	2,085.92	10	1,741.61	10	1,397.31	10	1,053.44	10	710.44	10	366.13	10	33.26	10		10		10	
1/4	2,078.75	1/4	1,734.44	1/4	1,390.14	1/4	1,046.30	1/4	703.27	1/4	358.96	1/4	29.02	1/4		1/4		1/4	
1/2	2,071.57	1/2	1,727.26	1/2	1,382.96	1/2	1,039.15	1/2	696.09	1/2	351.78	1/2	24.79	1/2		1/2		1/2	
3/4	2,064.40	3/4	1,720.09	3/4	1,375.79	3/4	1,032.01	3/4	688.92	3/4	344.61	3/4	20.55	3/4		3/4		3/4	
11	2,057.23	11	1,712.92	11	1,368.62	11	1,024.87	11	681.75	11	337.44	11	17.62	11		11		11	
1/4	2,050.05	1/4	1,705.75	1/4	1,361.45	1/4	1,017.73	1/4	674.57	1/4	330.27	1/4	14.69	1/4		1/4		1/4	
1/2	2,042.88	1/2	1,698.57	1/2	1,354.27	1/2	1,010.58	1/2	667.40	1/2	323.09	1/2	11.76	1/2		1/2		1/2	
3/4	2,035.70	3/4	1,691.40	3/4	1,347.10	3/4	1,003.44	3/4	660.22	3/4	315.92	3/4	8.83	3/4		3/4		3/4	

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BARGE "GBL 1230"

3 PORT ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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		0	4,536.12	0	4,296.64	0	4,057.17	0	3,817.70	0	3,578.06	0	3,242.50	0	2,878.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,531.13	1/4	4,291.66	1/4	4,052.19	1/4	3,812.71	1/4	3,572.90	1/4	3,234.91	1/4	2,870.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,526.14	1/2	4,286.67	1/2	4,047.20	1/2	3,807.72	1/2	3,567.74	1/2	3,227.31	1/2	2,862.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,521.15	3/4	4,281.68	3/4	4,042.21	3/4	3,802.73	3/4	3,562.58	3/4	3,219.72	3/4	2,855.26
1		1		1		1	4,516.16	1	4,276.69	1	4,037.22	1	3,797.74	1	3,557.01	1	3,212.13	1	2,847.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,511.17	1/4	4,271.70	1/4	4,032.23	1/4	3,792.76	1/4	3,551.43	1/4	3,204.54	1/4	2,840.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,506.18	1/2	4,266.71	1/2	4,027.24	1/2	3,787.77	1/2	3,545.86	1/2	3,196.94	1/2	2,832.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,501.19	3/4	4,261.72	3/4	4,022.25	3/4	3,782.78	3/4	3,540.28	3/4	3,189.35	3/4	2,824.89
2		2		2		2	4,496.20	2	4,256.73	2	4,017.26	2	3,777.79	2	3,534.23	2	3,181.76	2	2,817.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,491.22	1/4	4,251.75	1/4	4,012.27	1/4	3,772.80	1/4	3,528.18	1/4	3,174.17	1/4	2,809.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,486.23	1/2	4,246.76	1/2	4,007.28	1/2	3,767.81	1/2	3,522.13	1/2	3,166.57	1/2	2,802.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,481.24	3/4	4,241.77	3/4	4,002.29	3/4	3,762.82	3/4	3,516.08	3/4	3,158.98	3/4	2,794.51
3		3		3		3	4,476.25	3	4,236.78	3	3,997.30	3	3,757.83	3	3,509.56	3	3,151.39	3	2,786.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,471.26	1/4	4,231.79	1/4	3,992.32	1/4	3,752.85	1/4	3,503.03	1/4	3,143.80	1/4	2,779.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,466.27	1/2	4,226.80	1/2	3,987.33	1/2	3,747.86	1/2	3,496.51	1/2	3,136.20	1/2	2,771.73
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,461.28	3/4	4,221.81	3/4	3,982.34	3/4	3,742.87	3/4	3,489.98	3/4	3,128.61	3/4	2,764.14
4		4		4		4	4,456.29	4	4,216.82	4	3,977.35	4	3,737.88	4	3,482.98	4	3,121.02	4	2,756.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,451.31	1/4	4,211.83	1/4	3,972.36	1/4	3,732.89	1/4	3,475.99	1/4	3,113.42	1/4	2,748.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,446.32	1/2	4,206.84	1/2	3,967.37	1/2	3,727.90	1/2	3,468.99	1/2	3,105.83	1/2	2,741.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,441.33	3/4	4,201.85	3/4	3,962.38	3/4	3,722.91	3/4	3,461.99	3/4	3,098.23	3/4	2,733.77
5		5		5	4,620.83	5	4,436.34	5	4,196.86	5	3,957.39	5	3,717.92	5	3,454.58	5	3,090.64	5	2,726.18
1/4	1/4	1/4	1/4	1/4	4,620.39	1/4	4,431.35	1/4	4,191.88	1/4	3,952.41	1/4	3,712.93	1/4	3,447.16	1/4	3,083.05	1/4	2,718.59
1/2	1/2	1/2	1/2	1/2	4,619.94	1/2	4,426.36	1/2	4,186.89	1/2	3,947.42	1/2	3,707.94	1/2	3,439.75	1/2	3,075.45	1/2	2,710.99
3/4	3/4	3/4	3/4	3/4	4,619.50	3/4	4,421.37	3/4	4,181.90	3/4	3,942.43	3/4	3,702.95	3/4	3,432.33	3/4	3,067.86	3/4	2,703.40
6		6		6	4,618.37	6	4,416.38	6	4,176.91	6	3,937.44	6	3,697.96	6	3,424.74	6	3,060.27	6	2,695.81
1/4	1/4	1/4	1/4	1/4	4,617.25	1/4	4,411.39	1/4	4,171.92	1/4	3,932.45	1/4	3,692.98	1/4	3,417.14	1/4	3,052.68	1/4	2,688.22
1/2	1/2	1/2	1/2	1/2	4,616.12	1/2	4,406.40	1/2	4,166.93	1/2	3,927.46	1/2	3,687.99	1/2	3,409.55	1/2	3,045.08	1/2	2,680.62
3/4	3/4	3/4	3/4	3/4	4,614.99	3/4	4,401.41	3/4	4,161.94	3/4	3,922.47	3/4	3,683.00	3/4	3,401.95	3/4	3,037.49	3/4	2,673.03
7		7		7	4,612.96	7	4,396.42	7	4,156.95	7	3,917.48	7	3,678.01	7	3,394.36	7	3,029.90	7	2,665.44
1/4	1/4	1/4	1/4	1/4	4,610.92	1/4	4,391.44	1/4	4,151.97	1/4	3,912.49	1/4	3,673.02	1/4	3,386.77	1/4	3,022.31	1/4	2,657.85
1/2	1/2	1/2	1/2	1/2	4,608.89	1/2	4,386.45	1/2	4,146.98	1/2	3,907.50	1/2	3,668.03	1/2	3,379.17	1/2	3,014.71	1/2	2,650.25
3/4	3/4	3/4	3/4	3/4	4,606.85	3/4	4,381.46	3/4	4,141.99	3/4	3,902.51	3/4	3,663.04	3/4	3,371.58	3/4	3,007.12	3/4	2,642.66
8		8		8	4,603.91	8	4,376.47	8	4,137.00	8	3,897.52	8	3,658.05	8	3,363.99	8	2,999.53	8	2,635.07
1/4	1/4	1/4	1/4	1/4	4,600.96	1/4	4,371.48	1/4	4,132.01	1/4	3,892.54	1/4	3,653.07	1/4	3,356.40	1/4	2,991.94	1/4	2,627.47
1/2	1/2	1/2	1/2	1/2	4,598.02	1/2	4,366.49	1/2	4,127.02	1/2	3,887.55	1/2	3,648.08	1/2	3,348.80	1/2	2,984.34	1/2	2,619.88
3/4	3/4	3/4	3/4	3/4	4,595.07	3/4	4,361.50	3/4	4,122.03	3/4	3,882.56	3/4	3,643.09	3/4	3,341.21	3/4	2,976.75	3/4	2,612.28
9		9		9	4,591.22	9	4,356.51	9	4,117.04	9	3,877.57	9	3,638.10	9	3,333.62	9	2,969.16	9	2,604.69
1/4	1/4	1/4	1/4	1/4	4,587.37	1/4	4,351.53	1/4	4,112.05	1/4	3,872.58	1/4	3,633.11	1/4	3,326.03	1/4	2,961.56	1/4	2,597.10
1/2	1/2	1/2	1/2	1/2	4,583.51	1/2	4,346.54	1/2	4,107.06	1/2	3,867.59	1/2	3,628.12	1/2	3,318.43	1/2	2,953.97	1/2	2,589.50
3/4	3/4	3/4	3/4	3/4	4,579.66	3/4	4,341.55	3/4	4,102.07	3/4	3,862.60	3/4	3,623.13	3/4	3,310.84	3/4	2,946.37	3/4	2,581.91
10		10		10	4,575.01	10	4,336.56	10	4,097.08	10	3,857.61	10	3,618.14	10	3,303.25	10	2,938.78	10	2,574.32
1/4	1/4	1/4	1/4	1/4	4,570.36	1/4	4,331.57	1/4	4,092.10	1/4	3,852.63	1/4	3,613.15	1/4	3,295.66	1/4	2,931.19	1/4	2,566.73
1/2	1/2	1/2	1/2	1/2	4,565.71	1/2	4,326.58	1/2	4,087.11	1/2	3,847.64	1/2	3,608.16	1/2	3,288.06	1/2	2,923.59	1/2	2,559.13
3/4	3/4	3/4	3/4	3/4	4,561.06	3/4	4,321.59	3/4	4,082.12	3/4	3,842.65	3/4	3,603.17	3/4	3,280.47	3/4	2,916.00	3/4	2,551.54
11		11		11	4,556.07	11	4,316.60	11	4,077.13	11	3,837.66	11	3,598.18	11	3,272.88	11	2,908.41	11	2,543.95
1/4	1/4	1/4	1/4	1/4	4,551.09	1/4	4,311.61	1/4	4,072.14	1/4	3,832.67	1/4	3,593.20	1/4	3,265.28	1/4	2,900.82	1/4	2,536.36
1/2	1/2	1/2	1/2	1/2	4,546.10	1/2	4,306.62	1/2	4,067.15	1/2	3,827.68	1/2	3,588.21	1/2	3,257.69	1/2	2,893.22	1/2	2,528.76
3/4	3/4	3/4	3/4	3/4	4,541.11	3/4	4,301.63	3/4	4,062.16	3/4	3,822.69	3/4	3,583.22	3/4	3,250.09	3/4	2,885.63	3/4	2,521.17

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: LOCATED NEAR CENTER OF TANK.
CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

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

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BARGE "GBL 1230"

3 PORT ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,513.58	0	2,149.11	0	1,784.65	0	1,420.19	0	1,055.72	0	691.26	0	326.79	0		0		0	
1/4	2,505.99	1/4	2,141.52	1/4	1,777.06	1/4	1,412.59	1/4	1,048.13	1/4	683.67	1/4	319.20	1/4		1/4		1/4	
1/2	2,498.39	1/2	2,133.92	1/2	1,769.46	1/2	1,405.00	1/2	1,040.53	1/2	676.07	1/2	311.60	1/2		1/2		1/2	
3/4	2,490.80	3/4	2,126.33	3/4	1,761.87	3/4	1,397.40	3/4	1,032.94	3/4	668.48	3/4	304.01	3/4		3/4		3/4	
1	2,483.21	1	2,118.74	1	1,754.28	1	1,389.81	1	1,025.35	1	660.89	1	296.42	1		1		1	
1/4	2,475.61	1/4	2,111.15	1/4	1,746.69	1/4	1,382.22	1/4	1,017.76	1/4	653.29	1/4	288.83	1/4		1/4		1/4	
1/2	2,468.02	1/2	2,103.55	1/2	1,739.09	1/2	1,374.62	1/2	1,010.16	1/2	645.70	1/2	281.23	1/2		1/2		1/2	
3/4	2,460.42	3/4	2,095.96	3/4	1,731.50	3/4	1,367.03	3/4	1,002.57	3/4	638.10	3/4	273.64	3/4		3/4		3/4	
2	2,452.83	2	2,088.37	2	1,723.91	2	1,359.44	2	994.98	2	630.51	2	266.05	2		2		2	
1/4	2,445.24	1/4	2,080.78	1/4	1,716.31	1/4	1,351.85	1/4	987.38	1/4	622.92	1/4	258.46	1/4		1/4		1/4	
1/2	2,437.64	1/2	2,073.18	1/2	1,708.72	1/2	1,344.25	1/2	979.79	1/2	615.32	1/2	250.86	1/2		1/2		1/2	
3/4	2,430.05	3/4	2,065.59	3/4	1,701.12	3/4	1,336.66	3/4	972.19	3/4	607.73	3/4	243.27	3/4		3/4		3/4	
3	2,422.46	3	2,058.00	3	1,693.53	3	1,329.07	3	964.60	3	600.14	3	235.68	3		3		3	
1/4	2,414.87	1/4	2,050.41	1/4	1,685.94	1/4	1,321.48	1/4	957.01	1/4	592.55	1/4	228.09	1/4		1/4		1/4	
1/2	2,407.27	1/2	2,042.81	1/2	1,678.34	1/2	1,313.88	1/2	949.41	1/2	584.95	1/2	220.49	1/2		1/2		1/2	
3/4	2,399.68	3/4	2,035.22	3/4	1,670.75	3/4	1,306.29	3/4	941.82	3/4	577.36	3/4	212.90	3/4		3/4		3/4	
4	2,392.09	4	2,027.63	4	1,663.16	4	1,298.70	4	934.23	4	569.77	4	205.31	4		4		4	
1/4	2,384.50	1/4	2,020.03	1/4	1,655.57	1/4	1,291.11	1/4	926.64	1/4	562.18	1/4	197.71	1/4		1/4		1/4	
1/2	2,376.90	1/2	2,012.44	1/2	1,647.97	1/2	1,283.51	1/2	919.04	1/2	554.58	1/2	190.12	1/2		1/2		1/2	
3/4	2,369.31	3/4	2,004.84	3/4	1,640.38	3/4	1,275.92	3/4	911.45	3/4	546.99	3/4	182.52	3/4		3/4		3/4	
5	2,361.72	5	1,997.25	5	1,632.79	5	1,268.33	5	903.86	5	539.40	5	174.93	5		5		5	
1/4	2,354.13	1/4	1,989.66	1/4	1,625.20	1/4	1,260.73	1/4	896.27	1/4	531.81	1/4	167.34	1/4		1/4		1/4	
1/2	2,346.53	1/2	1,982.06	1/2	1,617.60	1/2	1,253.14	1/2	888.67	1/2	524.21	1/2	159.74	1/2		1/2		1/2	
3/4	2,338.94	3/4	1,974.47	3/4	1,610.01	3/4	1,245.54	3/4	881.08	3/4	516.62	3/4	152.15	3/4		3/4		3/4	
6	2,331.35	6	1,966.88	6	1,602.42	6	1,237.95	6	873.49	6	509.03	6	144.56	6		6		6	
1/4	2,323.75	1/4	1,959.29	1/4	1,594.83	1/4	1,230.36	1/4	865.90	1/4	501.43	1/4	136.97	1/4		1/4		1/4	
1/2	2,316.16	1/2	1,951.69	1/2	1,587.23	1/2	1,222.76	1/2	858.30	1/2	493.84	1/2	129.37	1/2		1/2		1/2	
3/4	2,308.56	3/4	1,944.10	3/4	1,579.64	3/4	1,215.17	3/4	850.71	3/4	486.24	3/4	121.78	3/4		3/4		3/4	
7	2,300.97	7	1,936.51	7	1,572.05	7	1,207.58	7	843.12	7	478.65	7	114.19	7		7		7	
1/4	2,293.38	1/4	1,928.92	1/4	1,564.45	1/4	1,199.99	1/4	835.52	1/4	471.06	1/4	106.60	1/4		1/4		1/4	
1/2	2,285.78	1/2	1,921.32	1/2	1,556.86	1/2	1,192.39	1/2	827.93	1/2	463.46	1/2	99.00	1/2		1/2		1/2	
3/4	2,278.19	3/4	1,913.73	3/4	1,549.26	3/4	1,184.80	3/4	820.33	3/4	455.87	3/4	91.41	3/4		3/4		3/4	
8	2,270.60	8	1,906.14	8	1,541.67	8	1,177.21	8	812.74	8	448.28	8	84.34	8		8		8	
1/4	2,263.01	1/4	1,898.55	1/4	1,534.08	1/4	1,169.62	1/4	805.15	1/4	440.69	1/4	77.26	1/4		1/4		1/4	
1/2	2,255.41	1/2	1,890.95	1/2	1,526.48	1/2	1,162.02	1/2	797.55	1/2	433.09	1/2	70.19	1/2		1/2		1/2	
3/4	2,247.82	3/4	1,883.36	3/4	1,518.89	3/4	1,154.43	3/4	789.96	3/4	425.50	3/4	63.11	3/4		3/4		3/4	
9	2,240.23	9	1,875.77	9	1,511.30	9	1,146.84	9	782.37	9	417.91	9	57.25	9		9		9	
1/4	2,232.64	1/4	1,868.17	1/4	1,503.71	1/4	1,139.25	1/4	774.78	1/4	410.32	1/4	51.39	1/4		1/4		1/4	
1/2	2,225.04	1/2	1,860.58	1/2	1,496.11	1/2	1,131.65	1/2	767.18	1/2	402.72	1/2	45.52	1/2		1/2		1/2	
3/4	2,217.45	3/4	1,852.98	3/4	1,488.52	3/4	1,124.06	3/4	759.59	3/4	395.13	3/4	39.66	3/4		3/4		3/4	
10	2,209.86	10	1,845.39	10	1,480.93	10	1,116.47	10	752.00	10	387.54	10	35.18	10		10		10	
1/4	2,202.27	1/4	1,837.80	1/4	1,473.34	1/4	1,108.87	1/4	744.41	1/4	379.95	1/4	30.70	1/4		1/4		1/4	
1/2	2,194.67	1/2	1,830.20	1/2	1,465.74	1/2	1,101.28	1/2	736.81	1/2	372.35	1/2	26.22	1/2		1/2		1/2	
3/4	2,187.08	3/4	1,822.61	3/4	1,458.15	3/4	1,093.68	3/4	729.22	3/4	364.76	3/4	21.74	3/4		3/4		3/4	
11	2,179.49	11	1,815.02	11	1,450.56	11	1,086.09	11	721.63	11	357.17	11	18.64	11		11		11	
1/4	2,171.89	1/4	1,807.43	1/4	1,442.97	1/4	1,078.50	1/4	714.04	1/4	349.57	1/4	15.54	1/4		1/4		1/4	
1/2	2,164.30	1/2	1,799.83	1/2	1,435.37	1/2	1,070.90	1/2	706.44	1/2	341.98	1/2	12.44	1/2		1/2		1/2	
3/4	2,156.70	3/4	1,792.24	3/4	1,427.78	3/4	1,063.31	3/4	698.85	3/4	334.38	3/4	9.34	3/4		3/4		3/4	

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BARGE "GBL 1230"

3 STBD ULLAGE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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		0	4,536.12	0	4,296.64	0	4,057.17	0	3,817.70	0	3,578.06	0	3,242.50	0	2,878.04
1/4		1/4		1/4		1/4	4,531.13	1/4	4,291.66	1/4	4,052.19	1/4	3,812.71	1/4	3,572.90	1/4	3,234.91	1/4	2,870.45
1/2		1/2		1/2		1/2	4,526.14	1/2	4,286.67	1/2	4,047.20	1/2	3,807.72	1/2	3,567.74	1/2	3,227.31	1/2	2,862.85
3/4		3/4		3/4		3/4	4,521.15	3/4	4,281.68	3/4	4,042.21	3/4	3,802.73	3/4	3,562.58	3/4	3,219.72	3/4	2,855.26
1		1		1		1	4,516.16	1	4,276.69	1	4,037.22	1	3,797.74	1	3,557.01	1	3,212.13	1	2,847.67
1/4		1/4		1/4		1/4	4,511.17	1/4	4,271.70	1/4	4,032.23	1/4	3,792.76	1/4	3,551.43	1/4	3,204.54	1/4	2,840.08
1/2		1/2		1/2		1/2	4,506.18	1/2	4,266.71	1/2	4,027.24	1/2	3,787.77	1/2	3,545.86	1/2	3,196.94	1/2	2,832.48
3/4		3/4		3/4		3/4	4,501.19	3/4	4,261.72	3/4	4,022.25	3/4	3,782.78	3/4	3,540.28	3/4	3,189.35	3/4	2,824.89
2		2		2		2	4,496.20	2	4,256.73	2	4,017.26	2	3,777.79	2	3,534.23	2	3,181.76	2	2,817.30
1/4		1/4		1/4		1/4	4,491.22	1/4	4,251.75	1/4	4,012.27	1/4	3,772.80	1/4	3,528.18	1/4	3,174.17	1/4	2,809.70
1/2		1/2		1/2		1/2	4,486.23	1/2	4,246.76	1/2	4,007.28	1/2	3,767.81	1/2	3,522.13	1/2	3,166.57	1/2	2,802.11
3/4		3/4		3/4		3/4	4,481.24	3/4	4,241.77	3/4	4,002.29	3/4	3,762.82	3/4	3,516.08	3/4	3,158.98	3/4	2,794.51
3		3		3		3	4,476.25	3	4,236.78	3	3,997.30	3	3,757.83	3	3,509.56	3	3,151.39	3	2,786.92
1/4		1/4		1/4		1/4	4,471.26	1/4	4,231.79	1/4	3,992.32	1/4	3,752.85	1/4	3,503.03	1/4	3,143.80	1/4	2,779.33
1/2		1/2		1/2		1/2	4,466.27	1/2	4,226.80	1/2	3,987.33	1/2	3,747.86	1/2	3,496.51	1/2	3,136.20	1/2	2,771.73
3/4		3/4		3/4		3/4	4,461.28	3/4	4,221.81	3/4	3,982.34	3/4	3,742.87	3/4	3,489.98	3/4	3,128.61	3/4	2,764.14
4		4		4		4	4,456.29	4	4,216.82	4	3,977.35	4	3,737.88	4	3,482.98	4	3,121.02	4	2,756.55
1/4		1/4		1/4		1/4	4,451.31	1/4	4,211.83	1/4	3,972.36	1/4	3,732.89	1/4	3,475.99	1/4	3,113.42	1/4	2,748.96
1/2		1/2		1/2		1/2	4,446.32	1/2	4,206.84	1/2	3,967.37	1/2	3,727.90	1/2	3,468.99	1/2	3,105.83	1/2	2,741.36
3/4		3/4		3/4		3/4	4,441.33	3/4	4,201.85	3/4	3,962.38	3/4	3,722.91	3/4	3,461.99	3/4	3,098.23	3/4	2,733.77
5		5		5	4,620.83	5	4,436.34	5	4,196.86	5	3,957.39	5	3,717.92	5	3,454.58	5	3,090.64	5	2,726.18
1/4		1/4		1/4	4,620.39	1/4	4,431.35	1/4	4,191.88	1/4	3,952.41	1/4	3,712.93	1/4	3,447.16	1/4	3,083.05	1/4	2,718.59
1/2		1/2		1/2	4,619.94	1/2	4,426.36	1/2	4,186.89	1/2	3,947.42	1/2	3,707.94	1/2	3,439.75	1/2	3,075.45	1/2	2,710.99
3/4		3/4		3/4	4,619.50	3/4	4,421.37	3/4	4,181.90	3/4	3,942.43	3/4	3,702.95	3/4	3,432.33	3/4	3,067.86	3/4	2,703.40
6		6		6	4,618.37	6	4,416.38	6	4,176.91	6	3,937.44	6	3,697.96	6	3,424.74	6	3,060.27	6	2,695.81
1/4		1/4		1/4	4,617.25	1/4	4,411.39	1/4	4,171.92	1/4	3,932.45	1/4	3,692.98	1/4	3,417.14	1/4	3,052.68	1/4	2,688.22
1/2		1/2		1/2	4,616.12	1/2	4,406.40	1/2	4,166.93	1/2	3,927.46	1/2	3,687.99	1/2	3,409.55	1/2	3,045.08	1/2	2,680.62
3/4		3/4		3/4	4,614.99	3/4	4,401.41	3/4	4,161.94	3/4	3,922.47	3/4	3,683.00	3/4	3,401.95	3/4	3,037.49	3/4	2,673.03
7		7		7	4,612.96	7	4,396.42	7	4,156.95	7	3,917.48	7	3,678.01	7	3,394.36	7	3,029.90	7	2,665.44
1/4		1/4		1/4	4,610.92	1/4	4,391.44	1/4	4,151.97	1/4	3,912.49	1/4	3,673.02	1/4	3,386.77	1/4	3,022.31	1/4	2,657.85
1/2		1/2		1/2	4,608.89	1/2	4,386.45	1/2	4,146.98	1/2	3,907.50	1/2	3,668.03	1/2	3,379.17	1/2	3,014.71	1/2	2,650.25
3/4		3/4		3/4	4,606.85	3/4	4,381.46	3/4	4,141.99	3/4	3,902.51	3/4	3,663.04	3/4	3,371.58	3/4	3,007.12	3/4	2,642.66
8		8		8	4,603.91	8	4,376.47	8	4,137.00	8	3,897.52	8	3,658.05	8	3,363.99	8	2,999.53	8	2,635.07
1/4		1/4		1/4	4,600.96	1/4	4,371.48	1/4	4,132.01	1/4	3,892.54	1/4	3,653.07	1/4	3,356.40	1/4	2,991.94	1/4	2,627.47
1/2		1/2		1/2	4,598.02	1/2	4,366.49	1/2	4,127.02	1/2	3,887.55	1/2	3,648.08	1/2	3,348.80	1/2	2,984.34	1/2	2,619.88
3/4		3/4		3/4	4,595.07	3/4	4,361.50	3/4	4,122.03	3/4	3,882.56	3/4	3,643.09	3/4	3,341.21	3/4	2,976.75	3/4	2,612.28
9		9		9	4,591.22	9	4,356.51	9	4,117.04	9	3,877.57	9	3,638.10	9	3,333.62	9	2,969.16	9	2,604.69
1/4		1/4		1/4	4,587.37	1/4	4,351.53	1/4	4,112.05	1/4	3,872.58	1/4	3,633.11	1/4	3,326.03	1/4	2,961.56	1/4	2,597.10
1/2		1/2		1/2	4,583.51	1/2	4,346.54	1/2	4,107.06	1/2	3,867.59	1/2	3,628.12	1/2	3,318.43	1/2	2,953.97	1/2	2,589.50
3/4		3/4		3/4	4,579.66	3/4	4,341.55	3/4	4,102.07	3/4	3,862.60	3/4	3,623.13	3/4	3,310.84	3/4	2,946.37	3/4	2,581.91
10		10		10	4,575.01	10	4,336.56	10	4,097.08	10	3,857.61	10	3,618.14	10	3,303.25	10	2,938.78	10	2,574.32
1/4		1/4		1/4	4,570.36	1/4	4,331.57	1/4	4,092.10	1/4	3,852.63	1/4	3,613.15	1/4	3,295.66	1/4	2,931.19	1/4	2,566.73
1/2		1/2		1/2	4,565.71	1/2	4,326.58	1/2	4,087.11	1/2	3,847.64	1/2	3,608.16	1/2	3,288.06	1/2	2,923.59	1/2	2,559.13
3/4		3/4		3/4	4,561.06	3/4	4,321.59	3/4	4,082.12	3/4	3,842.65	3/4	3,603.17	3/4	3,280.47	3/4	2,916.00	3/4	2,551.54
11		11		11	4,556.07	11	4,316.60	11	4,077.13	11	3,837.66	11	3,598.18	11	3,272.88	11	2,908.41	11	2,543.95
1/4		1/4		1/4	4,551.09	1/4	4,311.61	1/4	4,072.14	1/4	3,832.67	1/4	3,593.20	1/4	3,265.28	1/4	2,900.82	1/4	2,536.36
1/2		1/2		1/2	4,546.10	1/2	4,306.62	1/2	4,067.15	1/2	3,827.68	1/2	3,588.21	1/2	3,257.69	1/2	2,893.22	1/2	2,528.76
3/4		3/4		3/4	4,541.11	3/4	4,301.63	3/4	4,062.16	3/4	3,822.69	3/4	3,583.22	3/4	3,250.09	3/4	2,885.63	3/4	2,521.17

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES OBTAINED WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: LOCATED NEAR CENTER OF TANK.
CAPACITY TABLE APPLIES ONLY WHEN BARGE IS ON EVEN KEEL.

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Pearland, Texas 77588

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BARGE "GBL 1230"

**3 STBD
ULLAGE**

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,513.58	0	2,149.11	0	1,784.65	0	1,420.19	0	1,055.72	0	691.26	0	326.79	0		0		0	
1/4	2,505.99	1/4	2,141.52	1/4	1,777.06	1/4	1,412.59	1/4	1,048.13	1/4	683.67	1/4	319.20	1/4		1/4		1/4	
1/2	2,498.39	1/2	2,133.92	1/2	1,769.46	1/2	1,405.00	1/2	1,040.53	1/2	676.07	1/2	311.60	1/2		1/2		1/2	
3/4	2,490.80	3/4	2,126.33	3/4	1,761.87	3/4	1,397.40	3/4	1,032.94	3/4	668.48	3/4	304.01	3/4		3/4		3/4	
1	2,483.21	1	2,118.74	1	1,754.28	1	1,389.81	1	1,025.35	1	660.89	1	296.42	1		1		1	
1/4	2,475.61	1/4	2,111.15	1/4	1,746.69	1/4	1,382.22	1/4	1,017.76	1/4	653.29	1/4	288.83	1/4		1/4		1/4	
1/2	2,468.02	1/2	2,103.55	1/2	1,739.09	1/2	1,374.62	1/2	1,010.16	1/2	645.70	1/2	281.23	1/2		1/2		1/2	
3/4	2,460.42	3/4	2,095.96	3/4	1,731.50	3/4	1,367.03	3/4	1,002.57	3/4	638.10	3/4	273.64	3/4		3/4		3/4	
2	2,452.83	2	2,088.37	2	1,723.91	2	1,359.44	2	994.98	2	630.51	2	266.05	2		2		2	
1/4	2,445.24	1/4	2,080.78	1/4	1,716.31	1/4	1,351.85	1/4	987.38	1/4	622.92	1/4	258.46	1/4		1/4		1/4	
1/2	2,437.64	1/2	2,073.18	1/2	1,708.72	1/2	1,344.25	1/2	979.79	1/2	615.32	1/2	250.86	1/2		1/2		1/2	
3/4	2,430.05	3/4	2,065.59	3/4	1,701.12	3/4	1,336.66	3/4	972.19	3/4	607.73	3/4	243.27	3/4		3/4		3/4	
3	2,422.46	3	2,058.00	3	1,693.53	3	1,329.07	3	964.60	3	600.14	3	235.68	3		3		3	
1/4	2,414.87	1/4	2,050.41	1/4	1,685.94	1/4	1,321.48	1/4	957.01	1/4	592.55	1/4	228.09	1/4		1/4		1/4	
1/2	2,407.27	1/2	2,042.81	1/2	1,678.34	1/2	1,313.88	1/2	949.41	1/2	584.95	1/2	220.49	1/2		1/2		1/2	
3/4	2,399.68	3/4	2,035.22	3/4	1,670.75	3/4	1,306.29	3/4	941.82	3/4	577.36	3/4	212.90	3/4		3/4		3/4	
4	2,392.09	4	2,027.63	4	1,663.16	4	1,298.70	4	934.23	4	569.77	4	205.31	4		4		4	
1/4	2,384.50	1/4	2,020.03	1/4	1,655.57	1/4	1,291.11	1/4	926.64	1/4	562.18	1/4	197.71	1/4		1/4		1/4	
1/2	2,376.90	1/2	2,012.44	1/2	1,647.97	1/2	1,283.51	1/2	919.04	1/2	554.58	1/2	190.12	1/2		1/2		1/2	
3/4	2,369.31	3/4	2,004.84	3/4	1,640.38	3/4	1,275.92	3/4	911.45	3/4	546.99	3/4	182.52	3/4		3/4		3/4	
5	2,361.72	5	1,997.25	5	1,632.79	5	1,268.33	5	903.86	5	539.40	5	174.93	5		5		5	
1/4	2,354.13	1/4	1,989.66	1/4	1,625.20	1/4	1,260.73	1/4	896.27	1/4	531.81	1/4	167.34	1/4		1/4		1/4	
1/2	2,346.53	1/2	1,982.06	1/2	1,617.60	1/2	1,253.14	1/2	888.67	1/2	524.21	1/2	159.74	1/2		1/2		1/2	
3/4	2,338.94	3/4	1,974.47	3/4	1,610.01	3/4	1,245.54	3/4	881.08	3/4	516.62	3/4	152.15	3/4		3/4		3/4	
6	2,331.35	6	1,966.88	6	1,602.42	6	1,237.95	6	873.49	6	509.03	6	144.56	6		6		6	
1/4	2,323.75	1/4	1,959.29	1/4	1,594.83	1/4	1,230.36	1/4	865.90	1/4	501.43	1/4	136.97	1/4		1/4		1/4	
1/2	2,316.16	1/2	1,951.69	1/2	1,587.23	1/2	1,222.76	1/2	858.30	1/2	493.84	1/2	129.37	1/2		1/2		1/2	
3/4	2,308.56	3/4	1,944.10	3/4	1,579.64	3/4	1,215.17	3/4	850.71	3/4	486.24	3/4	121.78	3/4		3/4		3/4	
7	2,300.97	7	1,936.51	7	1,572.05	7	1,207.58	7	843.12	7	478.65	7	114.19	7		7		7	
1/4	2,293.38	1/4	1,928.92	1/4	1,564.45	1/4	1,199.99	1/4	835.52	1/4	471.06	1/4	106.60	1/4		1/4		1/4	
1/2	2,285.78	1/2	1,921.32	1/2	1,556.86	1/2	1,192.39	1/2	827.93	1/2	463.46	1/2	99.00	1/2		1/2		1/2	
3/4	2,278.19	3/4	1,913.73	3/4	1,549.26	3/4	1,184.80	3/4	820.33	3/4	455.87	3/4	91.41	3/4		3/4		3/4	
8	2,270.60	8	1,906.14	8	1,541.67	8	1,177.21	8	812.74	8	448.28	8	84.34	8		8		8	
1/4	2,263.01	1/4	1,898.55	1/4	1,534.08	1/4	1,169.62	1/4	805.15	1/4	440.69	1/4	77.26	1/4		1/4		1/4	
1/2	2,255.41	1/2	1,890.95	1/2	1,526.48	1/2	1,162.02	1/2	797.55	1/2	433.09	1/2	70.19	1/2		1/2		1/2	
3/4	2,247.82	3/4	1,883.36	3/4	1,518.89	3/4	1,154.43	3/4	789.96	3/4	425.50	3/4	63.11	3/4		3/4		3/4	
9	2,240.23	9	1,875.77	9	1,511.30	9	1,146.84	9	782.37	9	417.91	9	57.25	9		9		9	
1/4	2,232.64	1/4	1,868.17	1/4	1,503.71	1/4	1,139.25	1/4	774.78	1/4	410.32	1/4	51.39	1/4		1/4		1/4	
1/2	2,225.04	1/2	1,860.58	1/2	1,496.11	1/2	1,131.65	1/2	767.18	1/2	402.72	1/2	45.52	1/2		1/2		1/2	
3/4	2,217.45	3/4	1,852.98	3/4	1,488.52	3/4	1,124.06	3/4	759.59	3/4	395.13	3/4	39.66	3/4		3/4		3/4	
10	2,209.86	10	1,845.39	10	1,480.93	10	1,116.47	10	752.00	10	387.54	10	35.18	10		10		10	
1/4	2,202.27	1/4	1,837.80	1/4	1,473.34	1/4	1,108.87	1/4	744.41	1/4	379.95	1/4	30.70	1/4		1/4		1/4	
1/2	2,194.67	1/2	1,830.20	1/2	1,465.74	1/2	1,101.28	1/2	736.81	1/2	372.35	1/2	26.22	1/2		1/2		1/2	
3/4	2,187.08	3/4	1,822.61	3/4	1,458.15	3/4	1,093.68	3/4	729.22	3/4	364.76	3/4	21.74	3/4		3/4		3/4	
11	2,179.49	11	1,815.02	11	1,450.56	11	1,086.09	11	721.63	11	357.17	11	18.64	11		11		11	
1/4	2,171.89	1/4	1,807.43	1/4	1,442.97	1/4	1,078.50	1/4	714.04	1/4	349.57	1/4	15.54	1/4		1/4		1/4	
1/2	2,164.30	1/2	1,799.83	1/2	1,435.37	1/2	1,070.90	1/2	706.44	1/2	341.98	1/2	12.44	1/2		1/2		1/2	
3/4	2,156.70	3/4	1,792.24	3/4	1,427.78	3/4	1,063.31	3/4	698.85	3/4	334.38	3/4	9.34	3/4		3/4		3/4	

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