



# BARGE "GM 2000"

## 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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
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	- 00-3/8	00-3/8
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
3 PORT	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8
3 STBD	00-1/2	- 00-1/2	01-1/8	- 01-1/8	01-5/8	- 01-5/8	02-1/4	- 02-1/4	02-3/4	- 02-3/4	03-3/8	- 03-3/8

(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)

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

LENGTH BETWEEN DRAFT MARKS: 253'-09"

April 29, 2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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Pearland, Texas 77588

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# BARGE "GM 2000"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,928.43	0	4,593.62	0	4,239.63	0	3,876.84	0	3,514.04	0	3,151.24	0	2,788.45	0	2,425.57
1/4		1/4		1/4	4,921.66	1/4	4,586.44	1/4	4,232.08	1/4	3,869.28	1/4	3,506.48	1/4	3,143.69	1/4	2,780.89	1/4	2,418.01
1/2		1/2	5,247.91	1/2	4,914.88	1/2	4,579.25	1/2	4,224.52	1/2	3,861.72	1/2	3,498.93	1/2	3,136.13	1/2	2,773.33	1/2	2,410.45
3/4		3/4	5,242.79	3/4	4,908.08	3/4	4,572.04	3/4	4,216.96	3/4	3,854.17	3/4	3,491.37	3/4	3,128.57	3/4	2,765.77	3/4	2,402.89
1	1	1	5,237.67	1	4,901.27	1	4,564.82	1	4,209.41	1	3,846.61	1	3,483.81	1	3,121.01	1	2,758.21	1	2,395.33
1/4		1/4	5,232.54	1/4	4,894.47	1/4	4,557.61	1/4	4,201.85	1/4	3,839.05	1/4	3,476.25	1/4	3,113.45	1/4	2,750.65	1/4	2,387.77
1/2		1/2	5,227.42	1/2	4,887.66	1/2	4,550.39	1/2	4,194.29	1/2	3,831.49	1/2	3,468.69	1/2	3,105.89	1/2	2,743.10	1/2	2,380.21
3/4		3/4	5,221.09	3/4	4,880.82	3/4	4,543.14	3/4	4,186.73	3/4	3,823.93	3/4	3,461.13	3/4	3,098.34	3/4	2,735.54	3/4	2,372.65
2	2	2	5,214.75	2	4,873.99	2	4,535.89	2	4,179.17	2	3,816.37	2	3,453.58	2	3,090.78	2	2,727.98	2	2,365.08
1/4		1/4	5,208.41	1/4	4,867.15	1/4	4,528.64	1/4	4,171.62	1/4	3,808.82	1/4	3,446.02	1/4	3,083.22	1/4	2,720.42	1/4	2,357.52
1/2		1/2	5,202.07	1/2	4,860.32	1/2	4,521.39	1/2	4,164.06	1/2	3,801.26	1/2	3,438.46	1/2	3,075.66	1/2	2,712.86	1/2	2,349.96
3/4		3/4	5,194.75	3/4	4,853.45	3/4	4,514.11	3/4	4,156.50	3/4	3,793.70	3/4	3,430.90	3/4	3,068.10	3/4	2,705.30	3/4	2,342.40
3	3	3	5,187.43	3	4,846.58	3	4,506.83	3	4,148.94	3	3,786.14	3	3,423.34	3	3,060.54	3	2,697.75	3	2,334.84
1/4		1/4	5,180.11	1/4	4,839.72	1/4	4,499.55	1/4	4,141.38	1/4	3,778.58	1/4	3,415.79	1/4	3,052.99	1/4	2,690.19	1/4	2,327.28
1/2		1/2	5,172.78	1/2	4,832.85	1/2	4,492.27	1/2	4,133.82	1/2	3,771.03	1/2	3,408.23	1/2	3,045.43	1/2	2,682.63	1/2	2,319.72
3/4		3/4	5,165.32	3/4	4,825.95	3/4	4,484.96	3/4	4,126.27	3/4	3,763.47	3/4	3,400.67	3/4	3,037.87	3/4	2,675.07	3/4	2,312.16
4	4	4	5,157.86	4	4,819.05	4	4,477.65	4	4,118.71	4	3,755.91	4	3,393.11	4	3,030.31	4	2,667.51	4	2,304.60
1/4		1/4	5,150.40	1/4	4,812.15	1/4	4,470.34	1/4	4,111.15	1/4	3,748.35	1/4	3,385.55	1/4	3,022.75	1/4	2,659.95	1/4	2,297.03
1/2		1/2	5,142.94	1/2	4,805.25	1/2	4,463.03	1/2	4,103.59	1/2	3,740.79	1/2	3,377.99	1/2	3,015.20	1/2	2,652.40	1/2	2,289.47
3/4		3/4	5,135.48	3/4	4,798.32	3/4	4,455.69	3/4	4,096.03	3/4	3,733.23	3/4	3,370.44	3/4	3,007.64	3/4	2,644.84	3/4	2,281.91
5	5	5	5,128.02	5	4,791.38	5	4,448.35	5	4,088.47	5	3,725.68	5	3,362.88	5	3,000.08	5	2,637.28	5	2,274.35
1/4		1/4	5,120.56	1/4	4,784.45	1/4	4,441.00	1/4	4,080.92	1/4	3,718.12	1/4	3,355.32	1/4	2,992.52	1/4	2,629.72	1/4	2,266.79
1/2		1/2	5,113.10	1/2	4,777.51	1/2	4,433.66	1/2	4,073.36	1/2	3,710.56	1/2	3,347.76	1/2	2,984.96	1/2	2,622.16	1/2	2,259.23
3/4		3/4	5,105.64	3/4	4,770.55	3/4	4,426.28	3/4	4,065.80	3/4	3,703.00	3/4	3,340.20	3/4	2,977.40	3/4	2,614.60	3/4	2,251.67
6	6	6	5,098.18	6	4,763.59	6	4,418.90	6	4,058.24	6	3,695.44	6	3,332.64	6	2,969.85	6	2,607.04	6	2,244.11
1/4		1/4	5,090.72	1/4	4,756.62	1/4	4,411.53	1/4	4,050.68	1/4	3,687.88	1/4	3,325.09	1/4	2,962.29	1/4	2,599.48	1/4	2,236.55
1/2		1/2	5,083.26	1/2	4,749.66	1/2	4,404.15	1/2	4,043.12	1/2	3,680.33	1/2	3,317.53	1/2	2,954.73	1/2	2,591.92	1/2	2,228.98
3/4		3/4	5,075.80	3/4	4,742.66	3/4	4,396.74	3/4	4,035.57	3/4	3,672.77	3/4	3,309.97	3/4	2,947.17	3/4	2,584.36	3/4	2,221.42
7	7	7	5,068.34	7	4,735.66	7	4,389.33	7	4,028.01	7	3,665.21	7	3,302.41	7	2,939.61	7	2,576.80	7	2,213.86
1/4		1/4	5,060.88	1/4	4,728.67	1/4	4,381.92	1/4	4,020.45	1/4	3,657.65	1/4	3,294.85	1/4	2,932.05	1/4	2,569.23	1/4	2,206.30
1/2		1/2	5,053.42	1/2	4,721.67	1/2	4,374.52	1/2	4,012.89	1/2	3,650.09	1/2	3,287.29	1/2	2,924.50	1/2	2,561.67	1/2	2,198.74
3/4		3/4	5,046.01	3/4	4,714.61	3/4	4,367.08	3/4	4,005.33	3/4	3,642.53	3/4	3,279.74	3/4	2,916.94	3/4	2,554.11	3/4	2,191.18
8	8	8	5,038.61	8	4,707.55	8	4,359.64	8	3,997.77	8	3,634.98	8	3,272.18	8	2,909.38	8	2,546.55	8	2,183.62
1/4		1/4	5,031.20	1/4	4,700.49	1/4	4,352.20	1/4	3,990.22	1/4	3,627.42	1/4	3,264.62	1/4	2,901.82	1/4	2,538.99	1/4	2,176.06
1/2		1/2	5,023.79	1/2	4,693.44	1/2	4,344.77	1/2	3,982.66	1/2	3,619.86	1/2	3,257.06	1/2	2,894.26	1/2	2,531.43	1/2	2,168.50
3/4		3/4	5,016.79	3/4	4,686.35	3/4	4,337.30	3/4	3,975.10	3/4	3,612.30	3/4	3,249.50	3/4	2,886.70	3/4	2,523.87	3/4	2,160.93
9	9	9	5,009.80	9	4,679.25	9	4,329.83	9	3,967.54	9	3,604.74	9	3,241.94	9	2,879.15	9	2,516.31	9	2,153.37
1/4		1/4	5,002.80	1/4	4,672.16	1/4	4,322.36	1/4	3,959.98	1/4	3,597.18	1/4	3,234.39	1/4	2,871.59	1/4	2,508.75	1/4	2,145.81
1/2		1/2	4,995.80	1/2	4,665.07	1/2	4,314.89	1/2	3,952.42	1/2	3,589.63	1/2	3,226.83	1/2	2,864.03	1/2	2,501.18	1/2	2,138.25
3/4		3/4	4,989.09	3/4	4,657.95	3/4	4,307.39	3/4	3,944.87	3/4	3,582.07	3/4	3,219.27	3/4	2,856.47	3/4	2,493.62	3/4	2,130.69
10	10	10	4,982.38	10	4,650.83	10	4,299.89	10	3,937.31	10	3,574.51	10	3,211.71	10	2,848.91	10	2,486.06	10	2,123.13
1/4		1/4	4,975.67	1/4	4,643.71	1/4	4,292.38	1/4	3,929.75	1/4	3,566.95	1/4	3,204.15	1/4	2,841.35	1/4	2,478.50	1/4	2,115.57
1/2		1/2	4,968.96	1/2	4,636.59	1/2	4,284.88	1/2	3,922.19	1/2	3,559.39	1/2	3,196.59	1/2	2,833.80	1/2	2,470.94	1/2	2,108.01
3/4		3/4	4,962.22	3/4	4,629.44	3/4	4,277.35	3/4	3,914.63	3/4	3,551.83	3/4	3,189.04	3/4	2,826.24	3/4	2,463.38	3/4	2,100.45
11	11	11	4,955.47	11	4,622.29	11	4,269.81	11	3,907.07	11	3,544.28	11	3,181.48	11	2,818.68	11	2,455.82	11	2,092.88
1/4		1/4	4,948.73	1/4	4,615.13	1/4	4,262.28	1/4	3,899.52	1/4	3,536.72	1/4	3,173.92	1/4	2,811.12	1/4	2,448.26	1/4	2,085.32
1/2		1/2	4,941.98	1/2	4,607.98	1/2	4,254.74	1/2	3,891.96	1/2	3,529.16	1/2	3,166.36	1/2	2,803.56	1/2	2,440.70	1/2	2,077.76
3/4		3/4	4,935.21	3/4	4,600.80	3/4	4,247.19	3/4	3,884.40	3/4	3,521.60	3/4	3,158.80	3/4	2,796.00	3/4	2,433.13	3/4	2,070.20

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" CLOSED GAUGING VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "GM 2000"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	2,062.64	0	1,699.71	0	1,336.77	0	974.27	0	611.41	0	251.82	0		0		0		0	
1/4	2,055.08	1/4	1,692.15	1/4	1,329.21	1/4	966.72	1/4	603.85	1/4	244.40	1/4		1/4		1/4		1/4	
1/2	2,047.52	1/2	1,684.59	1/2	1,321.65	1/2	959.17	1/2	596.29	1/2	236.99	1/2		1/2		1/2		1/2	
3/4	2,039.96	3/4	1,677.02	3/4	1,314.09	3/4	951.62	3/4	588.73	3/4	229.58	3/4		3/4		3/4		3/4	
1	2,032.40	1	1,669.46	1	1,306.53	1	944.07	1	581.17	1	222.16	1		1		1		1	
1/4	2,024.84	1/4	1,661.90	1/4	1,298.97	1/4	936.52	1/4	573.61	1/4	214.75	1/4		1/4		1/4		1/4	
1/2	2,017.27	1/2	1,654.34	1/2	1,291.41	1/2	928.97	1/2	566.05	1/2	207.34	1/2		1/2		1/2		1/2	
3/4	2,009.71	3/4	1,646.78	3/4	1,283.85	3/4	921.41	3/4	558.49	3/4	199.91	3/4		3/4		3/4		3/4	
2	2,002.15	2	1,639.22	2	1,276.29	2	913.85	2	550.93	2	192.48	2		2		2		2	
1/4	1,994.59	1/4	1,631.66	1/4	1,268.73	1/4	906.28	1/4	543.37	1/4	185.05	1/4		1/4		1/4		1/4	
1/2	1,987.03	1/2	1,624.10	1/2	1,261.16	1/2	898.72	1/2	535.81	1/2	177.62	1/2		1/2		1/2		1/2	
3/4	1,979.47	3/4	1,616.54	3/4	1,253.60	3/4	891.16	3/4	528.24	3/4	170.07	3/4		3/4		3/4		3/4	
3	1,971.91	3	1,608.97	3	1,246.04	3	883.60	3	520.68	3	162.53	3		3		3		3	
1/4	1,964.35	1/4	1,601.41	1/4	1,238.48	1/4	876.04	1/4	513.12	1/4	154.98	1/4		1/4		1/4		1/4	
1/2	1,956.79	1/2	1,593.85	1/2	1,230.92	1/2	868.48	1/2	505.56	1/2	147.44	1/2		1/2		1/2		1/2	
3/4	1,949.22	3/4	1,586.29	3/4	1,223.38	3/4	860.92	3/4	498.00	3/4	139.89	3/4		3/4		3/4		3/4	
4	1,941.66	4	1,578.73	4	1,215.83	4	853.36	4	490.44	4	132.34	4		4		4		4	
1/4	1,934.10	1/4	1,571.17	1/4	1,208.28	1/4	845.80	1/4	482.88	1/4	124.80	1/4		1/4		1/4		1/4	
1/2	1,926.54	1/2	1,563.61	1/2	1,200.73	1/2	838.24	1/2	475.32	1/2	117.25	1/2		1/2		1/2		1/2	
3/4	1,918.98	3/4	1,556.05	3/4	1,193.18	3/4	830.68	3/4	467.76	3/4	109.78	3/4		3/4		3/4		3/4	
5	1,911.42	5	1,548.49	5	1,185.63	5	823.12	5	460.20	5	102.32	5		5		5		5	
1/4	1,903.86	1/4	1,540.92	1/4	1,178.08	1/4	815.55	1/4	452.64	1/4	94.85	1/4		1/4		1/4		1/4	
1/2	1,896.30	1/2	1,533.36	1/2	1,170.53	1/2	807.99	1/2	445.08	1/2	87.38	1/2		1/2		1/2		1/2	
3/4	1,888.74	3/4	1,525.80	3/4	1,162.99	3/4	800.43	3/4	437.53	3/4	80.62	3/4		3/4		3/4		3/4	
6	1,881.17	6	1,518.24	6	1,155.44	6	792.87	6	429.99	6	73.87	6		6		6		6	
1/4	1,873.61	1/4	1,510.68	1/4	1,147.89	1/4	785.31	1/4	422.45	1/4	67.11	1/4		1/4		1/4		1/4	
1/2	1,866.05	1/2	1,503.12	1/2	1,140.34	1/2	777.75	1/2	414.91	1/2	60.35	1/2		1/2		1/2		1/2	
3/4	1,858.49	3/4	1,495.56	3/4	1,132.79	3/4	770.19	3/4	407.49	3/4	54.85	3/4		3/4		3/4		3/4	
7	1,850.93	7	1,488.00	7	1,125.24	7	762.63	7	400.08	7	49.35	7		7		7		7	
1/4	1,843.37	1/4	1,480.44	1/4	1,117.69	1/4	755.07	1/4	392.67	1/4	43.86	1/4		1/4		1/4		1/4	
1/2	1,835.81	1/2	1,472.87	1/2	1,110.14	1/2	747.51	1/2	385.25	1/2	38.36	1/2		1/2		1/2		1/2	
3/4	1,828.25	3/4	1,465.31	3/4	1,102.60	3/4	739.95	3/4	377.84	3/4	34.12	3/4		3/4		3/4		3/4	
8	1,820.69	8	1,457.75	8	1,095.05	8	732.39	8	370.43	8	29.88	8		8		8		8	
1/4	1,813.12	1/4	1,450.19	1/4	1,087.50	1/4	724.83	1/4	363.01	1/4	25.64	1/4		1/4		1/4		1/4	
1/2	1,805.56	1/2	1,442.63	1/2	1,079.95	1/2	717.26	1/2	355.60	1/2	21.41	1/2		1/2		1/2		1/2	
3/4	1,798.00	3/4	1,435.07	3/4	1,072.40	3/4	709.70	3/4	348.19	3/4		3/4		3/4		3/4		3/4	
9	1,790.44	9	1,427.51	9	1,064.85	9	702.14	9	340.77	9		9		9		9		9	
1/4	1,782.88	1/4	1,419.95	1/4	1,057.30	1/4	694.58	1/4	333.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,775.32	1/2	1,412.39	1/2	1,049.75	1/2	687.02	1/2	325.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,767.76	3/4	1,404.82	3/4	1,042.20	3/4	679.46	3/4	318.54	3/4		3/4		3/4		3/4		3/4	
10	1,760.20	10	1,397.26	10	1,034.66	10	671.90	10	311.12	10		10		10		10		10	
1/4	1,752.64	1/4	1,389.70	1/4	1,027.11	1/4	664.34	1/4	303.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,745.07	1/2	1,382.14	1/2	1,019.56	1/2	656.78	1/2	296.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.51	3/4	1,374.58	3/4	1,012.01	3/4	649.22	3/4	288.88	3/4		3/4		3/4		3/4		3/4	
11	1,729.95	11	1,367.02	11	1,004.46	11	641.66	11	281.47	11		11		11		11		11	
1/4	1,722.39	1/4	1,359.46	1/4	996.91	1/4	634.10	1/4	274.06	1/4		1/4		1/4		1/4		1/4	
1/2	1,714.83	1/2	1,351.90	1/2	989.36	1/2	626.53	1/2	266.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,707.27	3/4	1,344.34	3/4	981.81	3/4	618.97	3/4	259.23	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2014 CL  
CALCULATED: 04/29/2014 CL  
PRINTED: 04/29/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "GM 2000"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	0	4,931.93	0	4,597.61	0	4,244.08	0	3,881.38	0	3,518.67	0	3,155.96	0	2,793.25	0	2,430.66
1/4	1/4	1/4	1/4	1/4	4,925.16	1/4	4,590.43	1/4	4,236.53	1/4	3,873.83	1/4	3,511.11	1/4	3,148.40	1/4	2,785.69	1/4	2,423.10
1/2	1/2	1/2	1/2	1/2	4,918.38	1/2	4,583.25	1/2	4,228.98	1/2	3,866.27	1/2	3,503.56	1/2	3,140.85	1/2	2,778.14	1/2	2,415.54
3/4	3/4	3/4	3/4	3/4	5,244.55	3/4	4,911.61	3/4	4,576.07	3/4	4,221.42	3/4	3,858.71	3/4	3,496.00	3/4	3,133.29	3/4	2,770.58
1	1	1	1	1	4,904.81	1	4,568.86	1	4,213.87	1	3,851.16	1	3,488.44	1	3,125.73	1	2,763.04	1	2,400.42
1/4	1/4	1/4	1/4	1/4	5,234.30	1/4	4,898.00	1/4	4,561.64	1/4	4,206.31	1/4	3,843.60	1/4	3,480.89	1/4	3,118.18	1/4	2,755.49
1/2	1/2	1/2	1/2	1/2	5,229.18	1/2	4,891.20	1/2	4,554.43	1/2	4,198.76	1/2	3,836.04	1/2	3,473.33	1/2	3,110.62	1/2	2,747.95
3/4	3/4	3/4	3/4	3/4	5,224.06	3/4	4,884.39	3/4	4,547.21	3/4	4,191.20	3/4	3,828.49	3/4	3,465.77	3/4	3,103.06	3/4	2,740.41
2	2	2	2	2	4,877.56	2	4,539.96	2	4,183.64	2	3,820.93	2	3,458.22	2	3,095.51	2	2,732.86	2	2,370.18
1/4	1/4	1/4	1/4	1/4	5,211.39	1/4	4,870.73	1/4	4,532.72	1/4	4,176.09	1/4	3,813.37	1/4	3,450.66	1/4	3,087.95	1/4	2,725.32
1/2	1/2	1/2	1/2	1/2	5,205.06	1/2	4,863.89	1/2	4,525.47	1/2	4,168.53	1/2	3,805.82	1/2	3,443.11	1/2	3,080.39	1/2	2,717.77
3/4	3/4	3/4	3/4	3/4	5,198.72	3/4	4,857.06	3/4	4,518.22	3/4	4,160.97	3/4	3,798.26	3/4	3,435.55	3/4	3,072.84	3/4	2,710.23
3	3	3	3	3	4,850.20	3	4,510.94	3	4,153.42	3	3,790.70	3	3,427.99	3	3,065.28	3	2,702.68	3	2,339.95
1/4	1/4	1/4	1/4	1/4	5,184.08	1/4	4,843.33	1/4	4,503.67	1/4	4,145.86	1/4	3,783.15	1/4	3,420.44	1/4	3,057.72	1/4	2,695.14
1/2	1/2	1/2	1/2	1/2	5,176.76	1/2	4,836.47	1/2	4,496.39	1/2	4,138.30	1/2	3,775.59	1/2	3,412.88	1/2	3,050.17	1/2	2,687.60
3/4	3/4	3/4	3/4	3/4	5,169.45	3/4	4,829.60	3/4	4,489.11	3/4	4,130.75	3/4	3,768.03	3/4	3,405.32	3/4	3,042.61	3/4	2,680.05
4	4	4	4	4	4,822.70	4	4,481.80	4	4,123.19	4	3,760.48	4	3,397.77	4	3,035.05	4	2,672.51	4	2,309.71
1/4	1/4	1/4	1/4	1/4	5,154.53	1/4	4,815.80	1/4	4,474.49	1/4	4,115.63	1/4	3,752.92	1/4	3,390.21	1/4	3,027.50	1/4	2,664.96
1/2	1/2	1/2	1/2	1/2	5,147.07	1/2	4,808.91	1/2	4,467.19	1/2	4,108.08	1/2	3,745.37	1/2	3,382.65	1/2	3,019.94	1/2	2,657.41
3/4	3/4	3/4	3/4	3/4	5,139.61	3/4	4,802.01	3/4	4,459.88	3/4	4,100.52	3/4	3,737.81	3/4	3,375.10	3/4	3,012.38	3/4	2,649.87
5	5	5	5	5	4,795.07	5	4,452.54	5	4,092.96	5	3,730.25	5	3,367.54	5	3,004.83	5	2,642.31	5	2,279.47
1/4	1/4	1/4	1/4	1/4	5,124.70	1/4	4,788.14	1/4	4,445.19	1/4	4,085.41	1/4	3,722.70	1/4	3,359.98	1/4	2,997.27	1/4	2,634.76
1/2	1/2	1/2	1/2	1/2	5,117.24	1/2	4,781.21	1/2	4,437.85	1/2	4,077.85	1/2	3,715.14	1/2	3,352.43	1/2	2,989.72	1/2	2,627.20
3/4	3/4	3/4	3/4	3/4	5,109.78	3/4	4,774.28	3/4	4,430.51	3/4	4,070.29	3/4	3,707.58	3/4	3,344.87	3/4	2,982.16	3/4	2,619.64
6	6	6	6	6	4,767.32	6	4,423.13	6	4,062.74	6	3,700.03	6	3,337.31	6	2,974.60	6	2,612.08	6	2,249.24
1/4	1/4	1/4	1/4	1/4	5,094.86	1/4	4,760.36	1/4	4,415.76	1/4	4,055.18	1/4	3,692.47	1/4	3,329.76	1/4	2,967.05	1/4	2,604.52
1/2	1/2	1/2	1/2	1/2	5,087.41	1/2	4,753.39	1/2	4,408.38	1/2	4,047.63	1/2	3,684.91	1/2	3,322.20	1/2	2,959.49	1/2	2,596.96
3/4	3/4	3/4	3/4	3/4	5,079.95	3/4	4,746.43	3/4	4,401.01	3/4	4,040.07	3/4	3,677.36	3/4	3,314.64	3/4	2,951.93	3/4	2,589.40
7	7	7	7	7	4,739.43	7	4,393.60	7	4,032.51	7	3,669.80	7	3,307.09	7	2,944.38	7	2,581.85	7	2,219.00
1/4	1/4	1/4	1/4	1/4	5,065.03	1/4	4,732.44	1/4	4,386.19	1/4	4,024.96	1/4	3,662.24	1/4	3,299.53	1/4	2,936.82	1/4	2,574.29
1/2	1/2	1/2	1/2	1/2	5,057.57	1/2	4,725.44	1/2	4,378.79	1/2	4,017.40	1/2	3,654.69	1/2	3,291.98	1/2	2,929.26	1/2	2,566.73
3/4	3/4	3/4	3/4	3/4	5,050.11	3/4	4,718.45	3/4	4,371.38	3/4	4,009.84	3/4	3,647.13	3/4	3,284.42	3/4	2,921.71	3/4	2,559.17
8	8	8	8	8	4,711.39	8	4,363.95	8	4,002.29	8	3,639.57	8	3,276.86	8	2,914.15	8	2,551.61	8	2,188.76
1/4	1/4	1/4	1/4	1/4	5,035.30	1/4	4,704.33	1/4	4,356.51	1/4	3,994.73	1/4	3,632.02	1/4	3,269.31	1/4	2,906.59	1/4	2,544.05
1/2	1/2	1/2	1/2	1/2	5,027.90	1/2	4,697.28	1/2	4,349.07	1/2	3,987.17	1/2	3,624.46	1/2	3,261.75	1/2	2,899.04	1/2	2,536.49
3/4	3/4	3/4	3/4	3/4	5,020.49	3/4	4,690.22	3/4	4,341.64	3/4	3,979.62	3/4	3,616.90	3/4	3,254.19	3/4	2,891.48	3/4	2,528.93
9	9	9	9	9	4,683.13	9	4,334.17	9	3,972.06	9	3,609.35	9	3,246.64	9	2,883.92	9	2,521.37	9	2,158.52
1/4	1/4	1/4	1/4	1/4	5,006.50	1/4	4,676.04	1/4	4,326.70	1/4	3,964.50	1/4	3,601.79	1/4	3,239.08	1/4	2,876.37	1/4	2,513.81
1/2	1/2	1/2	1/2	1/2	4,999.50	1/2	4,668.95	1/2	4,319.24	1/2	3,956.95	1/2	3,594.24	1/2	3,231.52	1/2	2,868.81	1/2	2,506.25
3/4	3/4	3/4	3/4	3/4	4,992.51	3/4	4,661.87	3/4	4,311.77	3/4	3,949.39	3/4	3,586.68	3/4	3,223.97	3/4	2,861.25	3/4	2,498.69
10	10	10	10	10	4,654.75	10	4,304.27	10	3,941.83	10	3,579.12	10	3,216.41	10	2,853.70	10	2,491.13	10	2,128.29
1/4	1/4	1/4	1/4	1/4	4,979.09	1/4	4,647.63	1/4	4,296.77	1/4	3,934.28	1/4	3,571.57	1/4	3,208.85	1/4	2,846.14	1/4	2,483.57
1/2	1/2	1/2	1/2	1/2	4,972.38	1/2	4,640.51	1/2	4,289.27	1/2	3,926.72	1/2	3,564.01	1/2	3,201.30	1/2	2,838.59	1/2	2,476.01
3/4	3/4	3/4	3/4	3/4	4,965.67	3/4	4,633.39	3/4	4,281.77	3/4	3,919.16	3/4	3,556.45	3/4	3,193.74	3/4	2,831.03	3/4	2,468.46
11	11	11	11	11	4,626.24	11	4,274.24	11	3,911.61	11	3,548.90	11	3,186.18	11	2,823.47	11	2,460.90	11	2,098.05
1/4	1/4	1/4	1/4	1/4	4,952.19	1/4	4,619.09	1/4	4,266.70	1/4	3,904.05	1/4	3,541.34	1/4	3,178.63	1/4	2,815.92	1/4	2,453.34
1/2	1/2	1/2	1/2	1/2	4,945.45	1/2	4,611.94	1/2	4,259.17	1/2	3,896.50	1/2	3,533.78	1/2	3,171.07	1/2	2,808.36	1/2	2,445.78
3/4	3/4	3/4	3/4	3/4	4,938.70	3/4	4,604.79	3/4	4,251.64	3/4	3,888.94	3/4	3,526.23	3/4	3,163.51	3/4	2,800.80	3/4	2,438.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" CLOSED GAUGING VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "GM 2000"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	2,067.81	0	1,704.97	0	1,342.12	0	981.16	0	618.83	0	259.17	0		0		0		0	
1/4	2,060.25	1/4	1,697.41	1/4	1,334.56	1/4	973.66	1/4	611.27	1/4	251.76	1/4		1/4		1/4		1/4	
1/2	2,052.69	1/2	1,689.85	1/2	1,327.00	1/2	966.15	1/2	603.71	1/2	244.35	1/2		1/2		1/2		1/2	
3/4	2,045.13	3/4	1,682.29	3/4	1,319.44	3/4	958.64	3/4	596.15	3/4	236.93	3/4		3/4		3/4		3/4	
1	2,037.58	1	1,674.73	1	1,311.88	1	951.13	1	588.59	1	229.52	1		1		1		1	
1/4	2,030.02	1/4	1,667.17	1/4	1,304.32	1/4	943.62	1/4	581.03	1/4	222.11	1/4		1/4		1/4		1/4	
1/2	2,022.46	1/2	1,659.61	1/2	1,296.76	1/2	936.12	1/2	573.47	1/2	214.70	1/2		1/2		1/2		1/2	
3/4	2,014.90	3/4	1,652.05	3/4	1,289.20	3/4	928.61	3/4	565.91	3/4	207.29	3/4		3/4		3/4		3/4	
2	2,007.34	2	1,644.49	2	1,281.65	2	921.08	2	558.35	2	199.86	2		2		2		2	
1/4	1,999.78	1/4	1,636.93	1/4	1,274.10	1/4	913.56	1/4	550.79	1/4	192.43	1/4		1/4		1/4		1/4	
1/2	1,992.22	1/2	1,629.37	1/2	1,266.54	1/2	906.03	1/2	543.24	1/2	185.01	1/2		1/2		1/2		1/2	
3/4	1,984.66	3/4	1,621.81	3/4	1,258.99	3/4	898.51	3/4	535.68	3/4	177.58	3/4		3/4		3/4		3/4	
3	1,977.10	3	1,614.25	3	1,251.47	3	890.95	3	528.12	3	170.03	3		3		3		3	
1/4	1,969.54	1/4	1,606.70	1/4	1,243.95	1/4	883.39	1/4	520.56	1/4	162.49	1/4		1/4		1/4		1/4	
1/2	1,961.98	1/2	1,599.14	1/2	1,236.43	1/2	875.83	1/2	513.00	1/2	154.94	1/2		1/2		1/2		1/2	
3/4	1,954.42	3/4	1,591.58	3/4	1,228.91	3/4	868.27	3/4	505.44	3/4	147.40	3/4		3/4		3/4		3/4	
4	1,946.86	4	1,584.02	4	1,221.40	4	860.71	4	497.88	4	139.86	4		4		4		4	
1/4	1,939.30	1/4	1,576.46	1/4	1,213.90	1/4	853.15	1/4	490.32	1/4	132.31	1/4		1/4		1/4		1/4	
1/2	1,931.75	1/2	1,568.90	1/2	1,206.39	1/2	845.60	1/2	482.76	1/2	124.77	1/2		1/2		1/2		1/2	
3/4	1,924.19	3/4	1,561.34	3/4	1,198.88	3/4	838.04	3/4	475.20	3/4	117.22	3/4		3/4		3/4		3/4	
5	1,916.63	5	1,553.78	5	1,191.37	5	830.48	5	467.65	5	109.76	5		5		5		5	
1/4	1,909.07	1/4	1,546.22	1/4	1,183.87	1/4	822.92	1/4	460.09	1/4	102.29	1/4		1/4		1/4		1/4	
1/2	1,901.51	1/2	1,538.66	1/2	1,176.36	1/2	815.36	1/2	452.53	1/2	94.83	1/2		1/2		1/2		1/2	
3/4	1,893.95	3/4	1,531.10	3/4	1,168.85	3/4	807.80	3/4	444.97	3/4	87.36	3/4		3/4		3/4		3/4	
6	1,886.39	6	1,523.54	6	1,161.34	6	800.24	6	437.43	6	80.61	6		6		6		6	
1/4	1,878.83	1/4	1,515.98	1/4	1,153.84	1/4	792.68	1/4	429.89	1/4	73.85	1/4		1/4		1/4		1/4	
1/2	1,871.27	1/2	1,508.42	1/2	1,146.33	1/2	785.12	1/2	422.35	1/2	67.09	1/2		1/2		1/2		1/2	
3/4	1,863.71	3/4	1,500.87	3/4	1,138.82	3/4	777.56	3/4	414.81	3/4	60.34	3/4		3/4		3/4		3/4	
7	1,856.15	7	1,493.31	7	1,131.31	7	770.01	7	407.39	7	54.84	7		7		7		7	
1/4	1,848.59	1/4	1,485.75	1/4	1,123.81	1/4	762.45	1/4	399.98	1/4	49.34	1/4		1/4		1/4		1/4	
1/2	1,841.03	1/2	1,478.19	1/2	1,116.30	1/2	754.89	1/2	392.57	1/2	43.85	1/2		1/2		1/2		1/2	
3/4	1,833.47	3/4	1,470.63	3/4	1,108.79	3/4	747.33	3/4	385.16	3/4	38.35	3/4		3/4		3/4		3/4	
8	1,825.92	8	1,463.07	8	1,101.28	8	739.77	8	377.75	8	34.11	8		8		8		8	
1/4	1,818.36	1/4	1,455.51	1/4	1,093.78	1/4	732.21	1/4	370.34	1/4	29.88	1/4		1/4		1/4		1/4	
1/2	1,810.80	1/2	1,447.95	1/2	1,086.27	1/2	724.65	1/2	362.93	1/2	25.64	1/2		1/2		1/2		1/2	
3/4	1,803.24	3/4	1,440.39	3/4	1,078.76	3/4	717.09	3/4	355.52	3/4	21.40	3/4		3/4		3/4		3/4	
9	1,795.68	9	1,432.83	9	1,071.25	9	709.53	9	348.10	9		9		9		9		9	
1/4	1,788.12	1/4	1,425.27	1/4	1,063.75	1/4	701.97	1/4	340.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,780.56	1/2	1,417.71	1/2	1,056.24	1/2	694.42	1/2	333.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,773.00	3/4	1,410.15	3/4	1,048.73	3/4	686.86	3/4	325.87	3/4		3/4		3/4		3/4		3/4	
10	1,765.44	10	1,402.59	10	1,041.22	10	679.30	10	318.46	10		10		10		10		10	
1/4	1,757.88	1/4	1,395.04	1/4	1,033.72	1/4	671.74	1/4	311.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,750.32	1/2	1,387.48	1/2	1,026.21	1/2	664.18	1/2	303.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,742.76	3/4	1,379.92	3/4	1,018.70	3/4	656.62	3/4	296.22	3/4		3/4		3/4		3/4		3/4	
11	1,735.20	11	1,372.36	11	1,011.19	11	649.06	11	288.81	11		11		11		11		11	
1/4	1,727.64	1/4	1,364.80	1/4	1,003.69	1/4	641.50	1/4	281.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,720.08	1/2	1,357.24	1/2	996.18	1/2	633.94	1/2	273.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,712.53	3/4	1,349.68	3/4	988.67	3/4	626.38	3/4	266.58	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2014 CL  
CALCULATED: 04/29/2014 CL  
PRINTED: 04/29/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "GM 2000"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	5,231.50	0	4,899.53	0	4,564.96	0	4,211.35	0	3,849.68	0	3,488.01	0	3,126.34	0	2,764.67	0	2,402.92	
1/4	1/4	5,226.40	1/4	4,892.74	1/4	4,557.76	1/4	4,203.81	1/4	3,842.14	1/4	3,480.47	1/4	3,118.80	1/4	2,757.13	1/4	2,395.38	
1/2	1/2	5,221.29	1/2	4,885.96	1/2	4,550.57	1/2	4,196.28	1/2	3,834.61	1/2	3,472.94	1/2	3,111.27	1/2	2,749.60	1/2	2,387.84	
3/4	3/4	5,216.19	3/4	4,879.18	3/4	4,543.38	3/4	4,188.74	3/4	3,827.07	3/4	3,465.40	3/4	3,103.73	3/4	2,742.06	3/4	2,380.30	
1	1	5,211.08	1	4,872.39	1	4,536.18	1	4,181.21	1	3,819.54	1	3,457.87	1	3,096.20	1	2,734.53	1	2,372.77	
1/4	1/4	5,204.76	1/4	4,865.58	1/4	4,528.96	1/4	4,173.67	1/4	3,812.00	1/4	3,450.33	1/4	3,088.66	1/4	2,726.99	1/4	2,365.23	
1/2	1/2	5,198.45	1/2	4,858.76	1/2	4,521.73	1/2	4,166.14	1/2	3,804.47	1/2	3,442.80	1/2	3,081.13	1/2	2,719.46	1/2	2,357.69	
3/4	3/4	5,192.13	3/4	4,851.95	3/4	4,514.50	3/4	4,158.60	3/4	3,796.93	3/4	3,435.26	3/4	3,073.59	3/4	2,711.92	3/4	2,350.15	
2	2	5,185.81	2	4,845.13	2	4,507.28	2	4,151.07	2	3,789.40	2	3,427.73	2	3,066.06	2	2,704.39	2	2,342.62	
1/4	1/4	5,178.51	1/4	4,838.29	1/4	4,500.02	1/4	4,143.54	1/4	3,781.86	1/4	3,420.19	1/4	3,058.52	1/4	2,696.85	1/4	2,335.08	
1/2	1/2	5,171.21	1/2	4,831.45	1/2	4,492.76	1/2	4,136.00	1/2	3,774.33	1/2	3,412.66	1/2	3,050.99	1/2	2,689.32	1/2	2,327.54	
3/4	3/4	5,163.91	3/4	4,824.60	3/4	4,485.51	3/4	4,128.47	3/4	3,766.80	3/4	3,405.12	3/4	3,043.45	3/4	2,681.78	3/4	2,320.00	
3	3	5,156.61	3	4,817.76	3	4,478.25	3	4,120.93	3	3,759.26	3	3,397.59	3	3,035.92	3	2,674.25	3	2,312.47	
1/4	1/4	5,149.18	1/4	4,810.88	1/4	4,470.96	1/4	4,113.40	1/4	3,751.73	1/4	3,390.06	1/4	3,028.38	1/4	2,666.71	1/4	2,304.93	
1/2	1/2	5,141.74	1/2	4,804.00	1/2	4,463.67	1/2	4,105.86	1/2	3,744.19	1/2	3,382.52	1/2	3,020.85	1/2	2,659.18	1/2	2,297.39	
3/4	3/4	5,134.30	3/4	4,797.12	3/4	4,456.39	3/4	4,098.33	3/4	3,736.66	3/4	3,374.99	3/4	3,013.32	3/4	2,651.64	3/4	2,289.85	
4	4	5,126.87	4	4,790.24	4	4,449.10	4	4,090.79	4	3,729.12	4	3,367.45	4	3,005.78	4	2,644.11	4	2,282.32	
1/4	1/4	5,119.43	1/4	4,783.33	1/4	4,441.78	1/4	4,083.26	1/4	3,721.59	1/4	3,359.92	1/4	2,998.25	1/4	2,636.57	1/4	2,274.78	
1/2	1/2	5,111.99	1/2	4,776.42	1/2	4,434.46	1/2	4,075.72	1/2	3,714.05	1/2	3,352.38	1/2	2,990.71	1/2	2,629.04	1/2	2,267.24	
3/4	3/4	5,104.56	3/4	4,769.51	3/4	4,427.14	3/4	4,068.19	3/4	3,706.52	3/4	3,344.85	3/4	2,983.18	3/4	2,621.50	3/4	2,259.70	
5	5	5,097.12	5	4,762.59	5	4,419.82	5	4,060.65	5	3,698.98	5	3,337.31	5	2,975.64	5	2,613.97	5	2,252.17	
1/4	1/4	5,089.68	1/4	4,755.65	1/4	4,412.46	1/4	4,053.12	1/4	3,691.45	1/4	3,329.78	1/4	2,968.11	1/4	2,606.43	1/4	2,244.63	
1/2	1/2	5,082.25	1/2	4,748.71	1/2	4,405.11	1/2	4,045.58	1/2	3,683.91	1/2	3,322.24	1/2	2,960.57	1/2	2,598.89	1/2	2,237.09	
3/4	3/4	5,074.81	3/4	4,741.77	3/4	4,397.75	3/4	4,038.05	3/4	3,676.38	3/4	3,314.71	3/4	2,953.04	3/4	2,591.35	3/4	2,229.55	
6	6	5,067.38	6	4,734.83	6	4,390.40	6	4,030.51	6	3,668.84	6	3,307.17	6	2,945.50	6	2,583.82	6	2,222.02	
1/4	1/4	5,059.94	1/4	4,727.85	1/4	4,383.01	1/4	4,022.98	1/4	3,661.31	1/4	3,299.64	1/4	2,937.97	1/4	2,576.28	1/4	2,214.48	
1/2	1/2	5,052.50	1/2	4,720.87	1/2	4,375.63	1/2	4,015.44	1/2	3,653.77	1/2	3,292.10	1/2	2,930.43	1/2	2,568.74	1/2	2,206.94	
3/4	3/4	5,045.07	3/4	4,713.90	3/4	4,368.24	3/4	4,007.91	3/4	3,646.24	3/4	3,284.57	3/4	2,922.90	3/4	2,561.20	3/4	2,199.40	
7	7	5,037.63	7	4,706.92	7	4,360.86	7	4,000.37	7	3,638.70	7	3,277.03	7	2,915.36	7	2,553.67	7	2,191.87	
1/4	1/4	5,030.25	1/4	4,699.89	1/4	4,353.44	1/4	3,992.84	1/4	3,631.17	1/4	3,269.50	1/4	2,907.83	1/4	2,546.13	1/4	2,184.33	
1/2	1/2	5,022.86	1/2	4,692.85	1/2	4,346.03	1/2	3,985.30	1/2	3,623.63	1/2	3,261.96	1/2	2,900.29	1/2	2,538.59	1/2	2,176.79	
3/4	3/4	5,015.48	3/4	4,685.82	3/4	4,338.61	3/4	3,977.77	3/4	3,616.10	3/4	3,254.43	3/4	2,892.76	3/4	2,531.05	3/4	2,169.25	
8	8	5,008.09	8	4,678.78	8	4,331.20	8	3,970.23	8	3,608.56	8	3,246.89	8	2,885.22	8	2,523.52	8	2,161.72	
1/4	1/4	5,001.12	1/4	4,671.71	1/4	4,323.75	1/4	3,962.70	1/4	3,601.03	1/4	3,239.36	1/4	2,877.69	1/4	2,515.98	1/4	2,154.18	
1/2	1/2	4,994.14	1/2	4,664.64	1/2	4,316.31	1/2	3,955.17	1/2	3,593.49	1/2	3,231.82	1/2	2,870.15	1/2	2,508.44	1/2	2,146.64	
3/4	3/4	4,987.17	3/4	4,657.57	3/4	4,308.86	3/4	3,947.63	3/4	3,585.96	3/4	3,224.29	3/4	2,862.62	3/4	2,500.90	3/4	2,139.10	
9	9	4,980.19	9	4,650.50	9	4,301.42	9	3,940.10	9	3,578.43	9	3,216.75	9	2,855.08	9	2,493.37	9	2,131.57	
1/4	1/4	4,973.50	1/4	4,643.41	1/4	4,293.94	1/4	3,932.56	1/4	3,570.89	1/4	3,209.22	1/4	2,847.55	1/4	2,485.83	1/4	2,124.03	
1/2	1/2	4,966.81	1/2	4,636.31	1/2	4,286.46	1/2	3,925.03	1/2	3,563.36	1/2	3,201.69	1/2	2,840.01	1/2	2,478.29	1/2	2,116.49	
3/4	3/4	4,960.12	3/4	4,629.21	3/4	4,278.98	3/4	3,917.49	3/4	3,555.82	3/4	3,194.15	3/4	2,832.48	3/4	2,470.75	3/4	2,108.95	
10	10	4,953.43	10	4,622.11	10	4,271.50	10	3,909.96	10	3,548.29	10	3,186.62	10	2,824.95	10	2,463.22	10	2,101.42	
1/4	1/4	4,946.71	1/4	4,614.98	1/4	4,263.99	1/4	3,902.42	1/4	3,540.75	1/4	3,179.08	1/4	2,817.41	1/4	2,455.68	1/4	2,093.88	
1/2	1/2	4,939.99	1/2	4,607.85	1/2	4,256.48	1/2	3,894.89	1/2	3,533.22	1/2	3,171.55	1/2	2,809.88	1/2	2,448.14	1/2	2,086.34	
3/4	3/4	4,933.27	3/4	4,600.72	3/4	4,248.97	3/4	3,887.35	3/4	3,525.68	3/4	3,164.01	3/4	2,802.34	3/4	2,440.60	3/4	2,078.80	
11	11	4,926.54	11	4,593.59	11	4,241.46	11	3,879.82	11	3,518.15	11	3,156.48	11	2,794.81	11	2,433.07	11	2,071.27	
1/4	1/4	4,919.79	1/4	4,586.43	1/4	4,233.93	1/4	3,872.28	1/4	3,510.61	1/4	3,148.94	1/4	2,787.27	1/4	2,425.53	1/4	2,063.73	
1/2	1/2	4,913.04	1/2	4,579.28	1/2	4,226.40	1/2	3,864.75	1/2	3,503.08	1/2	3,141.41	1/2	2,779.74	1/2	2,417.99	1/2	2,056.19	
3/4	3/4	4,906.28	3/4	4,572.12	3/4	4,218.88	3/4	3,857.21	3/4	3,495.54	3/4	3,133.87	3/4	2,772.20	3/4	2,410.45	3/4	2,048.65	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" CLOSED GAUGING VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GM 2000"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	2,041.12	0	1,679.32	0	1,317.52	0	956.16	0	594.42	0	236.25	0		0		0		0	
1/4	2,033.58	1/4	1,671.78	1/4	1,309.98	1/4	948.63	1/4	586.88	1/4	228.86	1/4		1/4		1/4		1/4	
1/2	2,026.04	1/2	1,664.24	1/2	1,302.44	1/2	941.11	1/2	579.34	1/2	221.47	1/2		1/2		1/2		1/2	
3/4	2,018.50	3/4	1,656.70	3/4	1,294.90	3/4	933.58	3/4	571.81	3/4	214.08	3/4		3/4		3/4		3/4	
1	2,010.97	1	1,649.17	1	1,287.37	1	926.05	1	564.27	1	206.69	1		1		1		1	
1/4	2,003.43	1/4	1,641.63	1/4	1,279.83	1/4	918.52	1/4	556.73	1/4	199.28	1/4		1/4		1/4		1/4	
1/2	1,995.89	1/2	1,634.09	1/2	1,272.29	1/2	910.98	1/2	549.19	1/2	191.88	1/2		1/2		1/2		1/2	
3/4	1,988.35	3/4	1,626.55	3/4	1,264.75	3/4	903.44	3/4	541.66	3/4	184.47	3/4		3/4		3/4		3/4	
2	1,980.82	2	1,619.02	2	1,257.22	2	895.90	2	534.12	2	177.07	2		2		2		2	
1/4	1,973.28	1/4	1,611.48	1/4	1,249.68	1/4	888.37	1/4	526.58	1/4	169.54	1/4		1/4		1/4		1/4	
1/2	1,965.74	1/2	1,603.94	1/2	1,242.14	1/2	880.83	1/2	519.04	1/2	162.02	1/2		1/2		1/2		1/2	
3/4	1,958.20	3/4	1,596.40	3/4	1,234.61	3/4	873.29	3/4	511.51	3/4	154.50	3/4		3/4		3/4		3/4	
3	1,950.67	3	1,588.87	3	1,227.07	3	865.76	3	503.97	3	146.98	3		3		3		3	
1/4	1,943.13	1/4	1,581.33	1/4	1,219.55	1/4	858.22	1/4	496.43	1/4	139.45	1/4		1/4		1/4		1/4	
1/2	1,935.59	1/2	1,573.79	1/2	1,212.02	1/2	850.68	1/2	488.90	1/2	131.93	1/2		1/2		1/2		1/2	
3/4	1,928.05	3/4	1,566.25	3/4	1,204.50	3/4	843.14	3/4	481.36	3/4	124.41	3/4		3/4		3/4		3/4	
4	1,920.52	4	1,558.72	4	1,196.97	4	835.61	4	473.82	4	116.89	4		4		4		4	
1/4	1,912.98	1/4	1,551.18	1/4	1,189.45	1/4	828.07	1/4	466.28	1/4	109.44	1/4		1/4		1/4		1/4	
1/2	1,905.44	1/2	1,543.64	1/2	1,181.92	1/2	820.53	1/2	458.75	1/2	102.00	1/2		1/2		1/2		1/2	
3/4	1,897.90	3/4	1,536.10	3/4	1,174.40	3/4	813.00	3/4	451.21	3/4	94.55	3/4		3/4		3/4		3/4	
5	1,890.37	5	1,528.57	5	1,166.87	5	805.46	5	443.67	5	87.11	5		5		5		5	
1/4	1,882.83	1/4	1,521.03	1/4	1,159.35	1/4	797.92	1/4	436.15	1/4	80.37	1/4		1/4		1/4		1/4	
1/2	1,875.29	1/2	1,513.49	1/2	1,151.82	1/2	790.38	1/2	428.63	1/2	73.64	1/2		1/2		1/2		1/2	
3/4	1,867.75	3/4	1,505.95	3/4	1,144.29	3/4	782.85	3/4	421.12	3/4	66.90	3/4		3/4		3/4		3/4	
6	1,860.22	6	1,498.42	6	1,136.77	6	775.31	6	413.60	6	60.16	6		6		6		6	
1/4	1,852.68	1/4	1,490.88	1/4	1,129.24	1/4	767.77	1/4	406.21	1/4	54.68	1/4		1/4		1/4		1/4	
1/2	1,845.14	1/2	1,483.34	1/2	1,121.72	1/2	760.24	1/2	398.82	1/2	49.20	1/2		1/2		1/2		1/2	
3/4	1,837.60	3/4	1,475.80	3/4	1,114.19	3/4	752.70	3/4	391.43	3/4	43.72	3/4		3/4		3/4		3/4	
7	1,830.07	7	1,468.27	7	1,106.67	7	745.16	7	384.04	7	38.24	7		7		7		7	
1/4	1,822.53	1/4	1,460.73	1/4	1,099.14	1/4	737.62	1/4	376.65	1/4	34.02	1/4		1/4		1/4		1/4	
1/2	1,814.99	1/2	1,453.19	1/2	1,091.62	1/2	730.09	1/2	369.26	1/2	29.79	1/2		1/2		1/2		1/2	
3/4	1,807.45	3/4	1,445.65	3/4	1,084.09	3/4	722.55	3/4	361.87	3/4	25.56	3/4		3/4		3/4		3/4	
8	1,799.92	8	1,438.12	8	1,076.57	8	715.01	8	354.48	8	21.34	8		8		8		8	
1/4	1,792.38	1/4	1,430.58	1/4	1,069.04	1/4	707.47	1/4	347.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,784.84	1/2	1,423.04	1/2	1,061.52	1/2	699.94	1/2	339.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,777.30	3/4	1,415.50	3/4	1,053.99	3/4	692.40	3/4	332.31	3/4		3/4		3/4		3/4		3/4	
9	1,769.77	9	1,407.97	9	1,046.47	9	684.86	9	324.92	9		9		9		9		9	
1/4	1,762.23	1/4	1,400.43	1/4	1,038.94	1/4	677.33	1/4	317.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,754.69	1/2	1,392.89	1/2	1,031.42	1/2	669.79	1/2	310.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,747.15	3/4	1,385.35	3/4	1,023.89	3/4	662.25	3/4	302.75	3/4		3/4		3/4		3/4		3/4	
10	1,739.62	10	1,377.82	10	1,016.36	10	654.71	10	295.36	10		10		10		10		10	
1/4	1,732.08	1/4	1,370.28	1/4	1,008.84	1/4	647.18	1/4	287.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,724.54	1/2	1,362.74	1/2	1,001.31	1/2	639.64	1/2	280.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,717.00	3/4	1,355.20	3/4	993.79	3/4	632.10	3/4	273.20	3/4		3/4		3/4		3/4		3/4	
11	1,709.47	11	1,347.67	11	986.26	11	624.57	11	265.81	11		11		11		11		11	
1/4	1,701.93	1/4	1,340.13	1/4	978.74	1/4	617.03	1/4	258.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.39	1/2	1,332.59	1/2	971.21	1/2	609.49	1/2	251.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,686.85	3/4	1,325.05	3/4	963.69	3/4	601.95	3/4	243.64	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2014 CL  
CALCULATED: 04/29/2014 CL  
PRINTED: 04/29/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "GM 2000"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	0	4,903.98	0	4,570.50	0	4,217.86	0	3,856.08	0	3,494.28	0	3,132.48	0	2,770.69	0	2,410.52
1/4		1/4		1/4	4,897.23	1/4	4,563.34	1/4	4,210.33	1/4	3,848.54	1/4	3,486.74	1/4	3,124.94	1/4	2,763.17	1/4	2,402.98
1/2		1/2		1/2	4,890.47	1/2	4,556.17	1/2	4,202.80	1/2	3,841.00	1/2	3,479.20	1/2	3,117.40	1/2	2,755.64	1/2	2,395.44
3/4		3/4		3/4	5,215.81	3/4	4,883.71	3/4	4,549.01	3/4	4,195.27	3/4	3,833.47	3/4	3,471.67	3/4	3,109.87	3/4	2,748.12
1	1	1	1	1	4,876.93	1	4,541.81	1	4,187.73	1	3,825.93	1	3,464.13	1	3,102.33	1	2,740.69	1	2,380.36
1/4		1/4		1/4	5,205.60	1/4	4,870.14	1/4	4,534.62	1/4	4,180.19	1/4	3,818.39	1/4	3,456.59	1/4	3,094.79	1/4	2,732.82
1/2		1/2		1/2	5,200.49	1/2	4,863.35	1/2	4,527.42	1/2	4,172.65	1/2	3,810.85	1/2	3,449.05	1/2	3,087.25	1/2	2,725.83
3/4		3/4		3/4	5,195.38	3/4	4,856.57	3/4	4,520.23	3/4	4,165.12	3/4	3,803.32	3/4	3,441.52	3/4	3,079.72	3/4	2,718.40
2	2	2	2	2	4,849.75	2	4,513.00	2	4,157.58	2	3,795.78	2	3,433.98	2	3,072.18	2	2,710.96	2	2,350.20
1/4		1/4		1/4	5,182.74	1/4	4,842.93	1/4	4,505.77	1/4	4,150.04	1/4	3,788.24	1/4	3,426.44	1/4	3,064.64	1/4	2,703.53
1/2		1/2		1/2	5,176.42	1/2	4,836.12	1/2	4,498.54	1/2	4,142.50	1/2	3,780.70	1/2	3,418.90	1/2	3,057.10	1/2	2,696.10
3/4		3/4		3/4	5,170.10	3/4	4,829.30	3/4	4,491.31	3/4	4,134.97	3/4	3,773.17	3/4	3,411.37	3/4	3,049.57	3/4	2,688.67
3	3	3	3	3	4,822.45	3	4,484.05	3	4,127.43	3	3,765.63	3	3,403.83	3	3,042.03	3	2,681.24	3	2,320.04
1/4		1/4		1/4	5,155.50	1/4	4,815.60	1/4	4,476.79	1/4	4,119.89	1/4	3,758.09	1/4	3,396.29	1/4	3,034.49	1/4	2,673.81
1/2		1/2		1/2	5,148.20	1/2	4,808.76	1/2	4,469.53	1/2	4,112.35	1/2	3,750.55	1/2	3,388.75	1/2	3,026.95	1/2	2,666.38
3/4		3/4		3/4	5,140.90	3/4	4,801.91	3/4	4,462.27	3/4	4,104.82	3/4	3,743.02	3/4	3,381.22	3/4	3,019.42	3/4	2,658.95
4	4	4	4	4	4,795.03	4	4,454.98	4	4,097.28	4	3,735.48	4	3,373.68	4	3,011.88	4	2,651.50	4	2,289.88
1/4		1/4		1/4	5,126.02	1/4	4,788.15	1/4	4,447.69	1/4	4,089.74	1/4	3,727.94	1/4	3,366.14	1/4	3,004.34	1/4	2,644.06
1/2		1/2		1/2	5,118.58	1/2	4,781.26	1/2	4,440.40	1/2	4,082.20	1/2	3,720.40	1/2	3,358.60	1/2	2,996.80	1/2	2,636.61
3/4		3/4		3/4	5,111.14	3/4	4,774.38	3/4	4,433.11	3/4	4,074.67	3/4	3,712.87	3/4	3,351.07	3/4	2,989.27	3/4	2,629.17
5	5	5	5	5	4,767.47	5	4,425.79	5	4,067.13	5	3,705.33	5	3,343.53	5	2,981.73	5	2,621.63	5	2,259.75
1/4		1/4		1/4	5,096.26	1/4	4,760.55	1/4	4,418.46	1/4	4,059.59	1/4	3,697.79	1/4	3,335.99	1/4	2,974.19	1/4	2,614.10
1/2		1/2		1/2	5,088.82	1/2	4,753.64	1/2	4,411.14	1/2	4,052.05	1/2	3,690.25	1/2	3,328.45	1/2	2,966.65	1/2	2,606.56
3/4		3/4		3/4	5,081.38	3/4	4,746.72	3/4	4,403.82	3/4	4,044.52	3/4	3,682.72	3/4	3,320.92	3/4	2,959.12	3/4	2,599.03
6	6	6	6	6	4,739.78	6	4,396.46	6	4,036.98	6	3,675.18	6	3,313.38	6	2,951.58	6	2,591.49	6	2,229.55
1/4		1/4		1/4	5,066.51	1/4	4,732.84	1/4	4,389.10	1/4	4,029.44	1/4	3,667.64	1/4	3,305.84	1/4	2,944.04	1/4	2,583.95
1/2		1/2		1/2	5,059.07	1/2	4,725.89	1/2	4,381.74	1/2	4,021.90	1/2	3,660.10	1/2	3,298.30	1/2	2,936.50	1/2	2,576.41
3/4		3/4		3/4	5,051.63	3/4	4,718.95	3/4	4,374.39	3/4	4,014.37	3/4	3,652.57	3/4	3,290.77	3/4	2,928.97	3/4	2,568.87
7	7	7	7	7	4,711.97	7	4,367.00	7	4,006.83	7	3,645.03	7	3,283.23	7	2,921.43	7	2,561.33	7	2,199.39
1/4		1/4		1/4	5,036.75	1/4	4,704.99	1/4	4,359.61	1/4	3,999.29	1/4	3,637.49	1/4	3,275.69	1/4	2,913.89	1/4	2,553.79
1/2		1/2		1/2	5,029.31	1/2	4,698.01	1/2	4,352.22	1/2	3,991.75	1/2	3,629.95	1/2	3,268.15	1/2	2,906.35	1/2	2,546.25
3/4		3/4		3/4	5,021.87	3/4	4,691.03	3/4	4,344.84	3/4	3,984.22	3/4	3,622.42	3/4	3,260.62	3/4	2,898.82	3/4	2,538.71
8	8	8	8	8	4,683.99	8	4,337.42	8	3,976.68	8	3,614.88	8	3,253.08	8	2,891.28	8	2,531.16	8	2,169.23
1/4		1/4		1/4	5,007.10	1/4	4,676.96	1/4	4,330.00	1/4	3,969.14	1/4	3,607.34	1/4	3,245.54	1/4	2,883.74	1/4	2,523.62
1/2		1/2		1/2	4,999.71	1/2	4,669.92	1/2	4,322.58	1/2	3,961.60	1/2	3,599.80	1/2	3,238.00	1/2	2,876.20	1/2	2,516.08
3/4		3/4		3/4	4,992.32	3/4	4,662.88	3/4	4,315.17	3/4	3,954.07	3/4	3,592.27	3/4	3,230.47	3/4	2,868.67	3/4	2,508.54
9	9	9	9	9	4,985.34	9	4,655.81	9	4,307.72	9	3,946.53	9	3,584.73	9	3,222.93	9	2,861.13	9	2,501.00
1/4		1/4		1/4	4,978.37	1/4	4,648.74	1/4	4,300.27	1/4	3,938.99	1/4	3,577.19	1/4	3,215.39	1/4	2,853.59	1/4	2,493.46
1/2		1/2		1/2	4,971.39	1/2	4,641.66	1/2	4,292.82	1/2	3,931.45	1/2	3,569.65	1/2	3,207.85	1/2	2,846.05	1/2	2,485.92
3/4		3/4		3/4	4,964.41	3/4	4,634.59	3/4	4,285.38	3/4	3,923.92	3/4	3,562.12	3/4	3,200.32	3/4	2,838.52	3/4	2,478.38
10	10	10	10	10	4,957.72	10	4,627.49	10	4,277.89	10	3,916.38	10	3,554.58	10	3,192.78	10	2,830.98	10	2,470.84
1/4		1/4		1/4	4,951.03	1/4	4,620.39	1/4	4,270.41	1/4	3,908.84	1/4	3,547.04	1/4	3,185.24	1/4	2,823.44	1/4	2,463.30
1/2		1/2		1/2	4,944.33	1/2	4,613.29	1/2	4,262.93	1/2	3,901.30	1/2	3,539.50	1/2	3,177.70	1/2	2,815.90	1/2	2,455.76
3/4		3/4		3/4	4,937.64	3/4	4,606.19	3/4	4,255.45	3/4	3,893.77	3/4	3,531.97	3/4	3,170.17	3/4	2,808.37	3/4	2,448.22
11	11	11	11	11	4,930.92	11	4,599.05	11	4,247.93	11	3,886.23	11	3,524.43	11	3,162.63	11	2,800.83	11	2,440.68
1/4		1/4		1/4	4,924.19	1/4	4,591.92	1/4	4,240.42	1/4	3,878.69	1/4	3,516.89	1/4	3,155.09	1/4	2,793.29	1/4	2,433.14
1/2		1/2		1/2	4,917.47	1/2	4,584.79	1/2	4,232.91	1/2	3,871.15	1/2	3,509.35	1/2	3,147.55	1/2	2,785.75	1/2	2,425.60
3/4		3/4		3/4	4,910.74	3/4	4,577.66	3/4	4,225.39	3/4	3,863.62	3/4	3,501.82	3/4	3,140.02	3/4	2,778.22	3/4	2,418.06

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" CLOSED GAUGING VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "GM 2000"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	2,048.59	0	1,686.65	0	1,324.72	0	975.62	0	617.25	0	258.51	0		0		0		0	
1/4	2,041.05	1/4	1,679.11	1/4	1,317.18	1/4	968.42	1/4	609.71	1/4	251.12	1/4		1/4		1/4		1/4	
1/2	2,033.51	1/2	1,671.57	1/2	1,309.64	1/2	961.22	1/2	602.17	1/2	243.73	1/2		1/2		1/2		1/2	
3/4	2,025.96	3/4	1,664.03	3/4	1,302.10	3/4	954.03	3/4	594.63	3/4	236.33	3/4		3/4		3/4		3/4	
1	2,018.42	1	1,656.49	1	1,294.56	1	946.83	1	587.09	1	228.94	1		1		1		1	
1/4	2,010.88	1/4	1,648.95	1/4	1,287.02	1/4	939.63	1/4	579.55	1/4	221.55	1/4		1/4		1/4		1/4	
1/2	2,003.34	1/2	1,641.41	1/2	1,279.48	1/2	932.43	1/2	572.01	1/2	214.16	1/2		1/2		1/2		1/2	
3/4	1,995.80	3/4	1,633.87	3/4	1,271.93	3/4	925.23	3/4	564.47	3/4	206.77	3/4		3/4		3/4		3/4	
2	1,988.26	2	1,626.33	2	1,264.44	2	917.98	2	556.93	2	199.36	2		2		2		2	
1/4	1,980.72	1/4	1,618.79	1/4	1,256.94	1/4	910.73	1/4	549.39	1/4	191.95	1/4		1/4		1/4		1/4	
1/2	1,973.18	1/2	1,611.25	1/2	1,249.44	1/2	903.48	1/2	541.85	1/2	184.54	1/2		1/2		1/2		1/2	
3/4	1,965.64	3/4	1,603.71	3/4	1,241.94	3/4	896.23	3/4	534.31	3/4	177.13	3/4		3/4		3/4		3/4	
3	1,958.10	3	1,596.17	3	1,234.73	3	888.69	3	526.77	3	169.60	3		3		3		3	
1/4	1,950.56	1/4	1,588.63	1/4	1,227.53	1/4	881.15	1/4	519.23	1/4	162.08	1/4		1/4		1/4		1/4	
1/2	1,943.02	1/2	1,581.09	1/2	1,220.32	1/2	873.61	1/2	511.69	1/2	154.55	1/2		1/2		1/2		1/2	
3/4	1,935.48	3/4	1,573.55	3/4	1,213.11	3/4	866.07	3/4	504.15	3/4	147.03	3/4		3/4		3/4		3/4	
4	1,927.94	4	1,566.01	4	1,205.91	4	858.53	4	496.61	4	139.50	4		4		4		4	
1/4	1,920.40	1/4	1,558.47	1/4	1,198.72	1/4	850.99	1/4	489.07	1/4	131.98	1/4		1/4		1/4		1/4	
1/2	1,912.86	1/2	1,550.93	1/2	1,191.52	1/2	843.45	1/2	481.53	1/2	124.45	1/2		1/2		1/2		1/2	
3/4	1,905.32	3/4	1,543.39	3/4	1,184.32	3/4	835.91	3/4	473.99	3/4	116.93	3/4		3/4		3/4		3/4	
5	1,897.78	5	1,535.85	5	1,177.13	5	828.37	5	466.45	5	109.48	5		5		5		5	
1/4	1,890.24	1/4	1,528.31	1/4	1,169.93	1/4	820.83	1/4	458.91	1/4	102.04	1/4		1/4		1/4		1/4	
1/2	1,882.70	1/2	1,520.76	1/2	1,162.73	1/2	813.29	1/2	451.37	1/2	94.59	1/2		1/2		1/2		1/2	
3/4	1,875.16	3/4	1,513.22	3/4	1,155.54	3/4	805.75	3/4	443.83	3/4	87.14	3/4		3/4		3/4		3/4	
6	1,867.62	6	1,505.68	6	1,148.34	6	798.21	6	436.31	6	80.40	6		6		6		6	
1/4	1,860.08	1/4	1,498.14	1/4	1,141.14	1/4	790.67	1/4	428.79	1/4	73.66	1/4		1/4		1/4		1/4	
1/2	1,852.54	1/2	1,490.60	1/2	1,133.95	1/2	783.13	1/2	421.27	1/2	66.92	1/2		1/2		1/2		1/2	
3/4	1,845.00	3/4	1,483.06	3/4	1,126.75	3/4	775.59	3/4	413.75	3/4	60.18	3/4		3/4		3/4		3/4	
7	1,837.46	7	1,475.52	7	1,119.55	7	768.05	7	406.36	7	54.70	7		7		7		7	
1/4	1,829.92	1/4	1,467.98	1/4	1,112.36	1/4	760.51	1/4	398.97	1/4	49.22	1/4		1/4		1/4		1/4	
1/2	1,822.38	1/2	1,460.44	1/2	1,105.16	1/2	752.97	1/2	391.57	1/2	43.74	1/2		1/2		1/2		1/2	
3/4	1,814.84	3/4	1,452.90	3/4	1,097.96	3/4	745.43	3/4	384.18	3/4	38.25	3/4		3/4		3/4		3/4	
8	1,807.30	8	1,445.36	8	1,090.76	8	737.89	8	376.79	8	34.03	8		8		8		8	
1/4	1,799.76	1/4	1,437.82	1/4	1,083.57	1/4	730.35	1/4	369.40	1/4	29.80	1/4		1/4		1/4		1/4	
1/2	1,792.22	1/2	1,430.28	1/2	1,076.37	1/2	722.81	1/2	362.00	1/2	25.57	1/2		1/2		1/2		1/2	
3/4	1,784.68	3/4	1,422.74	3/4	1,069.17	3/4	715.27	3/4	354.61	3/4	21.35	3/4		3/4		3/4		3/4	
9	1,777.13	9	1,415.20	9	1,061.98	9	707.73	9	347.22	9		9		9		9		9	
1/4	1,769.59	1/4	1,407.66	1/4	1,054.78	1/4	700.19	1/4	339.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,762.05	1/2	1,400.12	1/2	1,047.58	1/2	692.65	1/2	332.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,754.51	3/4	1,392.58	3/4	1,040.39	3/4	685.11	3/4	325.04	3/4		3/4		3/4		3/4		3/4	
10	1,746.97	10	1,385.04	10	1,033.19	10	677.57	10	317.65	10		10		10		10		10	
1/4	1,739.43	1/4	1,377.50	1/4	1,025.99	1/4	670.03	1/4	310.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,731.89	1/2	1,369.96	1/2	1,018.80	1/2	662.49	1/2	302.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,724.35	3/4	1,362.42	3/4	1,011.60	3/4	654.95	3/4	295.47	3/4		3/4		3/4		3/4		3/4	
11	1,716.81	11	1,354.88	11	1,004.40	11	647.41	11	288.08	11		11		11		11		11	
1/4	1,709.27	1/4	1,347.34	1/4	997.21	1/4	639.87	1/4	280.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,701.73	1/2	1,339.80	1/2	990.01	1/2	632.33	1/2	273.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,694.19	3/4	1,332.26	3/4	982.81	3/4	624.79	3/4	265.90	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2014 CL  
CALCULATED: 04/29/2014 CL  
PRINTED: 04/29/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "GM 2000"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,233.72	0	4,067.13	0	3,881.94	0	3,688.01	0	3,485.49	0	3,127.23	0	2,767.72	0	2,407.59
1/4	1/4	1/4	1/4	1/4	4,230.44	1/4	4,063.47	1/4	3,877.91	1/4	3,683.97	1/4	3,478.02	1/4	3,119.74	1/4	2,760.21	1/4	2,400.09
1/2	1/2	1/2	1/2	1/2	4,393.26	1/2	4,227.16	1/2	4,059.80	1/2	3,873.87	1/2	3,679.93	1/2	3,470.55	1/2	3,112.25	1/2	2,392.58
3/4	3/4	3/4	3/4	3/4	4,391.61	3/4	4,223.85	3/4	4,056.10	3/4	3,869.83	3/4	3,675.89	3/4	3,463.08	3/4	3,104.76	3/4	2,385.08
1	1	1	1	1	4,389.95	1	4,220.55	1	4,052.40	1	3,865.79	1	3,671.85	1	3,455.61	1	3,097.27	1	2,377.58
1/4	1/4	1/4	1/4	1/4	4,388.30	1/4	4,217.24	1/4	4,048.70	1/4	3,861.75	1/4	3,667.80	1/4	3,448.14	1/4	3,089.79	1/4	2,370.07
1/2	1/2	1/2	1/2	1/2	4,386.64	1/2	4,213.93	1/2	4,045.00	1/2	3,857.71	1/2	3,663.76	1/2	3,440.67	1/2	3,082.30	1/2	2,362.57
3/4	3/4	3/4	3/4	3/4	4,383.77	3/4	4,210.59	3/4	4,041.26	3/4	3,853.67	3/4	3,659.72	3/4	3,433.20	3/4	3,074.81	3/4	2,355.07
2	2	2	2	2	4,380.89	2	4,207.26	2	4,037.53	2	3,849.63	2	3,655.68	2	3,425.72	2	3,067.32	2	2,347.56
1/4	1/4	1/4	1/4	1/4	4,378.02	1/4	4,203.92	1/4	4,033.79	1/4	3,845.59	1/4	3,651.64	1/4	3,418.25	1/4	3,059.83	1/4	2,340.06
1/2	1/2	1/2	1/2	1/2	4,375.14	1/2	4,200.58	1/2	4,030.06	1/2	3,841.55	1/2	3,647.60	1/2	3,410.78	1/2	3,052.34	1/2	2,332.56
3/4	3/4	3/4	3/4	3/4	4,371.29	3/4	4,197.21	3/4	4,026.30	3/4	3,837.51	3/4	3,643.56	3/4	3,403.31	3/4	3,044.85	3/4	2,325.05
3	3	3	3	3	4,367.44	3	4,193.85	3	4,022.53	3	3,833.47	3	3,639.52	3	3,395.84	3	3,037.36	3	2,317.55
1/4	1/4	1/4	1/4	1/4	4,363.58	1/4	4,190.48	1/4	4,018.77	1/4	3,829.42	1/4	3,635.48	1/4	3,389.37	1/4	3,029.87	1/4	2,310.05
1/2	1/2	1/2	1/2	1/2	4,359.73	1/2	4,187.11	1/2	4,015.01	1/2	3,825.38	1/2	3,631.44	1/2	3,380.90	1/2	3,022.38	1/2	2,302.54
3/4	3/4	3/4	3/4	3/4	4,355.74	3/4	4,183.71	3/4	4,011.21	3/4	3,821.34	3/4	3,627.40	3/4	3,373.43	3/4	3,014.89	3/4	2,295.04
4	4	4	4	4	4,351.76	4	4,180.31	4	4,007.42	4	3,817.30	4	3,623.36	4	3,365.96	4	3,007.41	4	2,287.54
1/4	1/4	1/4	1/4	1/4	4,347.77	1/4	4,176.90	1/4	4,003.62	1/4	3,813.26	1/4	3,619.32	1/4	3,358.49	1/4	2,999.92	1/4	2,280.03
1/2	1/2	1/2	1/2	1/2	4,343.78	1/2	4,173.50	1/2	3,999.83	1/2	3,809.22	1/2	3,615.28	1/2	3,351.02	1/2	2,992.43	1/2	2,272.53
3/4	3/4	3/4	3/4	3/4	4,339.79	3/4	4,170.07	3/4	3,996.00	3/4	3,805.18	3/4	3,611.24	3/4	3,343.55	3/4	2,984.94	3/4	2,265.03
5	5	5	5	5	4,335.81	5	4,166.63	5	3,992.17	5	3,801.14	5	3,607.20	5	3,336.08	5	2,977.45	5	2,257.52
1/4	1/4	1/4	1/4	1/4	4,331.82	1/4	4,163.20	1/4	3,988.35	1/4	3,797.10	1/4	3,603.16	1/4	3,328.61	1/4	2,969.96	1/4	2,250.02
1/2	1/2	1/2	1/2	1/2	4,327.83	1/2	4,159.76	1/2	3,984.52	1/2	3,793.06	1/2	3,599.12	1/2	3,321.15	1/2	2,962.47	1/2	2,242.52
3/4	3/4	3/4	3/4	3/4	4,323.84	3/4	4,156.30	3/4	3,980.66	3/4	3,789.02	3/4	3,595.08	3/4	3,313.69	3/4	2,954.98	3/4	2,235.01
6	6	6	6	6	4,319.86	6	4,152.83	6	3,976.80	6	3,784.98	6	3,591.04	6	3,306.24	6	2,947.49	6	2,227.51
1/4	1/4	1/4	1/4	1/4	4,315.87	1/4	4,149.37	1/4	3,972.94	1/4	3,780.94	1/4	3,586.99	1/4	3,298.78	1/4	2,940.00	1/4	2,220.01
1/2	1/2	1/2	1/2	1/2	4,311.88	1/2	4,145.91	1/2	3,969.07	1/2	3,776.90	1/2	3,582.95	1/2	3,291.33	1/2	2,932.51	1/2	2,212.50
3/4	3/4	3/4	3/4	3/4	4,307.89	3/4	4,142.41	3/4	3,965.18	3/4	3,772.86	3/4	3,578.91	3/4	3,283.87	3/4	2,925.03	3/4	2,205.00
7	7	7	7	7	4,303.91	7	4,138.91	7	3,961.29	7	3,768.82	7	3,574.87	7	3,276.42	7	2,917.54	7	2,197.50
1/4	1/4	1/4	1/4	1/4	4,299.92	1/4	4,135.41	1/4	3,957.40	1/4	3,764.78	1/4	3,570.83	1/4	3,268.96	1/4	2,910.05	1/4	2,189.99
1/2	1/2	1/2	1/2	1/2	4,295.93	1/2	4,131.92	1/2	3,953.51	1/2	3,760.74	1/2	3,566.79	1/2	3,261.51	1/2	2,902.56	1/2	2,182.49
3/4	3/4	3/4	3/4	3/4	4,291.99	3/4	4,128.37	3/4	3,949.59	3/4	3,756.70	3/4	3,562.75	3/4	3,254.05	3/4	2,895.07	3/4	2,174.99
8	8	8	8	8	4,288.06	8	4,124.83	8	3,945.67	8	3,752.66	8	3,558.71	8	3,246.60	8	2,887.58	8	2,167.48
1/4	1/4	1/4	1/4	1/4	4,284.12	1/4	4,121.29	1/4	3,941.75	1/4	3,748.61	1/4	3,554.67	1/4	3,239.14	1/4	2,880.09	1/4	2,159.98
1/2	1/2	1/2	1/2	1/2	4,280.19	1/2	4,117.74	1/2	3,937.83	1/2	3,744.57	1/2	3,550.63	1/2	3,231.69	1/2	2,872.60	1/2	2,152.48
3/4	3/4	3/4	3/4	3/4	4,276.66	3/4	4,114.17	3/4	3,933.88	3/4	3,740.53	3/4	3,546.59	3/4	3,224.23	3/4	2,865.11	3/4	2,144.97
9	9	9	9	9	4,273.14	9	4,110.59	9	3,929.92	9	3,736.49	9	3,542.55	9	3,216.78	9	2,857.62	9	2,137.47
1/4	1/4	1/4	1/4	1/4	4,269.61	1/4	4,107.01	1/4	3,925.97	1/4	3,732.45	1/4	3,538.51	1/4	3,209.32	1/4	2,850.13	1/4	2,129.97
1/2	1/2	1/2	1/2	1/2	4,266.09	1/2	4,103.44	1/2	3,922.02	1/2	3,728.41	1/2	3,534.47	1/2	3,201.87	1/2	2,842.65	1/2	2,122.46
3/4	3/4	3/4	3/4	3/4	4,262.88	3/4	4,099.83	3/4	3,918.04	3/4	3,724.37	3/4	3,530.43	3/4	3,194.41	3/4	2,835.16	3/4	2,114.96
10	10	10	10	10	4,259.67	10	4,096.22	10	3,914.05	10	3,720.33	10	3,526.39	10	3,186.96	10	2,827.67	10	2,107.46
1/4	1/4	1/4	1/4	1/4	4,256.46	1/4	4,092.62	1/4	3,910.07	1/4	3,716.29	1/4	3,522.35	1/4	3,179.50	1/4	2,820.18	1/4	2,099.95
1/2	1/2	1/2	1/2	1/2	4,253.25	1/2	4,089.01	1/2	3,906.08	1/2	3,712.25	1/2	3,518.31	1/2	3,172.05	1/2	2,812.69	1/2	2,092.45
3/4	3/4	3/4	3/4	3/4	4,250.00	3/4	4,085.38	3/4	3,902.06	3/4	3,708.21	3/4	3,513.84	3/4	3,164.59	3/4	2,805.20	3/4	2,084.95
11	11	11	11	11	4,246.76	11	4,081.74	11	3,898.05	11	3,704.17	11	3,509.37	11	3,157.13	11	2,797.71	11	2,077.44
1/4	1/4	1/4	1/4	1/4	4,243.52	1/4	4,078.10	1/4	3,894.03	1/4	3,700.13	1/4	3,504.90	1/4	3,149.67	1/4	2,790.22	1/4	2,069.94
1/2	1/2	1/2	1/2	1/2	4,240.27	1/2	4,074.47	1/2	3,890.01	1/2	3,696.09	1/2	3,500.43	1/2	3,142.21	1/2	2,782.73	1/2	2,062.44
3/4	3/4	3/4	3/4	3/4	4,236.99	3/4	4,070.80	3/4	3,885.98	3/4	3,692.05	3/4	3,492.96	3/4	3,134.72	3/4	2,775.22	3/4	2,054.93

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" CLOSED GAUGING VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GM 2000"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	2,047.43	0	1,687.19	0	1,326.95	0	967.00	0	606.85	0	249.94	0		0		0		0	
1/4	2,039.93	1/4	1,679.69	1/4	1,319.44	1/4	959.51	1/4	599.35	1/4	242.59	1/4		1/4		1/4		1/4	
1/2	2,032.43	1/2	1,672.18	1/2	1,311.94	1/2	952.01	1/2	591.84	1/2	235.23	1/2		1/2		1/2		1/2	
3/4	2,024.92	3/4	1,664.68	3/4	1,304.43	3/4	944.52	3/4	584.34	3/4	227.87	3/4		3/4		3/4		3/4	
1	2,017.42	1	1,657.17	1	1,296.93	1	937.02	1	576.83	1	220.51	1		1		1		1	
1/4	2,009.91	1/4	1,649.67	1/4	1,289.42	1/4	929.52	1/4	569.33	1/4	213.16	1/4		1/4		1/4		1/4	
1/2	2,002.41	1/2	1,642.16	1/2	1,281.92	1/2	922.03	1/2	561.82	1/2	205.80	1/2		1/2		1/2		1/2	
3/4	1,994.90	3/4	1,634.66	3/4	1,274.41	3/4	914.53	3/4	554.32	3/4	198.43	3/4		3/4		3/4		3/4	
2	1,987.40	2	1,627.15	2	1,266.91	2	907.03	2	546.81	2	191.05	2		2		2		2	
1/4	1,979.89	1/4	1,619.65	1/4	1,259.40	1/4	899.53	1/4	539.31	1/4	183.68	1/4		1/4		1/4		1/4	
1/2	1,972.39	1/2	1,612.14	1/2	1,251.90	1/2	892.03	1/2	531.80	1/2	176.31	1/2		1/2		1/2		1/2	
3/4	1,964.88	3/4	1,604.64	3/4	1,244.39	3/4	884.53	3/4	524.30	3/4	168.82	3/4		3/4		3/4		3/4	
3	1,957.38	3	1,597.13	3	1,236.89	3	877.02	3	516.79	3	161.33	3		3		3		3	
1/4	1,949.87	1/4	1,589.63	1/4	1,229.38	1/4	869.52	1/4	509.29	1/4	153.84	1/4		1/4		1/4		1/4	
1/2	1,942.36	1/2	1,582.12	1/2	1,221.88	1/2	862.01	1/2	501.78	1/2	146.35	1/2		1/2		1/2		1/2	
3/4	1,934.86	3/4	1,574.61	3/4	1,214.37	3/4	854.51	3/4	494.28	3/4	138.86	3/4		3/4		3/4		3/4	
4	1,927.35	4	1,567.11	4	1,206.87	4	847.00	4	486.77	4	131.37	4		4		4		4	
1/4	1,919.85	1/4	1,559.60	1/4	1,199.37	1/4	839.50	1/4	479.27	1/4	123.88	1/4		1/4		1/4		1/4	
1/2	1,912.34	1/2	1,552.10	1/2	1,191.87	1/2	831.99	1/2	471.76	1/2	116.39	1/2		1/2		1/2		1/2	
3/4	1,904.84	3/4	1,544.59	3/4	1,184.38	3/4	824.49	3/4	464.26	3/4	108.97	3/4		3/4		3/4		3/4	
5	1,897.33	5	1,537.09	5	1,176.88	5	816.98	5	456.75	5	101.56	5		5		5		5	
1/4	1,889.83	1/4	1,529.58	1/4	1,169.38	1/4	809.48	1/4	449.25	1/4	94.15	1/4		1/4		1/4		1/4	
1/2	1,882.32	1/2	1,522.08	1/2	1,161.89	1/2	801.97	1/2	441.74	1/2	86.74	1/2		1/2		1/2		1/2	
3/4	1,874.82	3/4	1,514.57	3/4	1,154.39	3/4	794.47	3/4	434.26	3/4	80.03	3/4		3/4		3/4		3/4	
6	1,867.31	6	1,507.07	6	1,146.90	6	786.97	6	426.77	6	73.32	6		6		6		6	
1/4	1,859.81	1/4	1,499.56	1/4	1,139.40	1/4	779.46	1/4	419.29	1/4	66.61	1/4		1/4		1/4		1/4	
1/2	1,852.30	1/2	1,492.06	1/2	1,131.91	1/2	771.96	1/2	411.80	1/2	59.91	1/2		1/2		1/2		1/2	
3/4	1,844.80	3/4	1,484.55	3/4	1,124.41	3/4	764.45	3/4	404.44	3/4	54.45	3/4		3/4		3/4		3/4	
7	1,837.29	7	1,477.05	7	1,116.91	7	756.95	7	397.08	7	48.99	7		7		7		7	
1/4	1,829.79	1/4	1,469.54	1/4	1,109.42	1/4	749.44	1/4	389.73	1/4	43.54	1/4		1/4		1/4		1/4	
1/2	1,822.28	1/2	1,462.04	1/2	1,101.92	1/2	741.94	1/2	382.37	1/2	38.08	1/2		1/2		1/2		1/2	
3/4	1,814.78	3/4	1,454.53	3/4	1,094.43	3/4	734.43	3/4	375.01	3/4	33.87	3/4		3/4		3/4		3/4	
8	1,807.27	8	1,447.03	8	1,086.93	8	726.93	8	367.66	8	29.66	8		8		8		8	
1/4	1,799.77	1/4	1,439.52	1/4	1,079.44	1/4	719.42	1/4	360.30	1/4	25.46	1/4		1/4		1/4		1/4	
1/2	1,792.26	1/2	1,432.02	1/2	1,071.94	1/2	711.92	1/2	352.94	1/2	21.25	1/2		1/2		1/2		1/2	
3/4	1,784.76	3/4	1,424.51	3/4	1,064.45	3/4	704.41	3/4	345.59	3/4		3/4		3/4		3/4		3/4	
9	1,777.25	9	1,417.01	9	1,056.95	9	696.91	9	338.23	9		9		9		9		9	
1/4	1,769.75	1/4	1,409.50	1/4	1,049.45	1/4	689.40	1/4	330.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,762.24	1/2	1,402.00	1/2	1,041.96	1/2	681.90	1/2	323.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,754.74	3/4	1,394.49	3/4	1,034.46	3/4	674.39	3/4	316.16	3/4		3/4		3/4		3/4		3/4	
10	1,747.23	10	1,386.99	10	1,026.97	10	666.89	10	308.80	10		10		10		10		10	
1/4	1,739.73	1/4	1,379.48	1/4	1,019.47	1/4	659.38	1/4	301.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,732.22	1/2	1,371.98	1/2	1,011.98	1/2	651.88	1/2	294.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,724.72	3/4	1,364.47	3/4	1,004.48	3/4	644.37	3/4	286.73	3/4		3/4		3/4		3/4		3/4	
11	1,717.21	11	1,356.97	11	996.99	11	636.87	11	279.37	11		11		11		11		11	
1/4	1,709.71	1/4	1,349.46	1/4	989.49	1/4	629.36	1/4	272.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,702.20	1/2	1,341.96	1/2	981.99	1/2	621.86	1/2	264.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,694.70	3/4	1,334.45	3/4	974.50	3/4	614.35	3/4	257.30	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2014 CL  
CALCULATED: 04/29/2014 CL  
PRINTED: 04/29/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "GM 2000"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	4,207.48	0	4,042.00	0	3,857.90	0	3,664.68	0	3,466.31	0	3,108.78	0	2,750.19	0	2,392.47		
1/4	1/4	1/4	4,204.22	1/4	4,038.35	1/4	3,853.87	1/4	3,660.66	1/4	3,458.85	1/4	3,101.31	1/4	2,742.72	1/4	2,384.98		
1/2	1/2	1/2	4,200.96	1/2	4,034.70	1/2	3,849.85	1/2	3,656.63	1/2	3,451.40	1/2	3,093.84	1/2	2,735.24	1/2	2,377.49		
3/4	3/4	3/4	4,363.08	3/4	4,197.69	3/4	4,031.05	3/4	3,845.83	3/4	3,652.60	3/4	3,443.94	3/4	3,086.36	3/4	2,727.77	3/4	2,370.01
1	1	1	4,361.44	1	4,194.40	1	4,027.36	1	3,841.81	1	3,648.58	1	3,436.49	1	3,078.89	1	2,720.39	1	2,362.52
1/4	1/4	1/4	4,359.80	1/4	4,191.11	1/4	4,023.68	1/4	3,837.78	1/4	3,644.55	1/4	3,429.03	1/4	3,071.42	1/4	2,713.01	1/4	2,355.03
1/2	1/2	1/2	4,358.16	1/2	4,187.81	1/2	4,019.99	1/2	3,833.76	1/2	3,640.53	1/2	3,421.57	1/2	3,063.94	1/2	2,705.63	1/2	2,347.54
3/4	3/4	3/4	4,356.51	3/4	4,184.52	3/4	4,016.30	3/4	3,829.73	3/4	3,636.50	3/4	3,414.12	3/4	3,056.47	3/4	2,698.25	3/4	2,340.05
2	2	2	4,353.65	2	4,181.20	2	4,012.58	2	3,825.71	2	3,632.48	2	3,406.66	2	3,049.00	2	2,690.87	2	2,332.56
1/4	1/4	1/4	4,350.80	1/4	4,177.88	1/4	4,008.87	1/4	3,821.68	1/4	3,628.45	1/4	3,399.21	1/4	3,041.54	1/4	2,683.49	1/4	2,325.07
1/2	1/2	1/2	4,347.94	1/2	4,174.55	1/2	4,005.15	1/2	3,817.65	1/2	3,624.43	1/2	3,391.75	1/2	3,034.07	1/2	2,676.10	1/2	2,317.59
3/4	3/4	3/4	4,345.08	3/4	4,171.23	3/4	4,001.43	3/4	3,813.63	3/4	3,620.40	3/4	3,384.30	3/4	3,026.60	3/4	2,668.72	3/4	2,310.10
3	3	3	4,341.24	3	4,167.88	3	3,997.68	3	3,809.60	3	3,616.37	3	3,376.84	3	3,019.14	3	2,661.34	3	2,302.61
1/4	1/4	1/4	4,337.40	1/4	4,164.53	1/4	3,993.93	1/4	3,805.58	1/4	3,612.35	1/4	3,369.39	1/4	3,011.67	1/4	2,653.96	1/4	2,295.12
1/2	1/2	1/2	4,333.56	1/2	4,161.17	1/2	3,990.18	1/2	3,801.55	1/2	3,608.32	1/2	3,361.93	1/2	3,004.20	1/2	2,646.58	1/2	2,287.63
3/4	3/4	3/4	4,329.73	3/4	4,157.82	3/4	3,986.43	3/4	3,797.53	3/4	3,604.30	3/4	3,354.47	3/4	2,996.74	3/4	2,639.20	3/4	2,280.14
4	4	4	4,325.75	4	4,154.43	4	3,982.65	4	3,793.50	4	3,600.27	4	3,347.02	4	2,989.27	4	2,631.81	4	2,272.66
1/4	1/4	1/4	4,321.78	1/4	4,151.05	1/4	3,978.87	1/4	3,789.47	1/4	3,596.25	1/4	3,339.56	1/4	2,981.80	1/4	2,624.41	1/4	2,265.17
1/2	1/2	1/2	4,317.81	1/2	4,147.66	1/2	3,975.10	1/2	3,785.45	1/2	3,592.22	1/2	3,332.11	1/2	2,974.34	1/2	2,617.02	1/2	2,257.68
3/4	3/4	3/4	4,313.84	3/4	4,144.27	3/4	3,971.32	3/4	3,781.42	3/4	3,588.19	3/4	3,324.65	3/4	2,966.87	3/4	2,609.63	3/4	2,250.19
5	5	5	4,309.86	5	4,140.85	5	3,967.50	5	3,777.40	5	3,584.17	5	3,317.20	5	2,959.40	5	2,602.14	5	2,242.70
1/4	1/4	1/4	4,305.89	1/4	4,137.43	1/4	3,963.69	1/4	3,773.37	1/4	3,580.14	1/4	3,309.74	1/4	2,951.94	1/4	2,594.65	1/4	2,235.21
1/2	1/2	1/2	4,301.92	1/2	4,134.01	1/2	3,959.88	1/2	3,769.35	1/2	3,576.12	1/2	3,302.29	1/2	2,944.47	1/2	2,587.17	1/2	2,227.73
3/4	3/4	3/4	4,297.95	3/4	4,130.59	3/4	3,956.06	3/4	3,765.32	3/4	3,572.09	3/4	3,294.84	3/4	2,937.00	3/4	2,579.68	3/4	2,220.24
6	6	6	4,293.97	6	4,127.14	6	3,952.22	6	3,761.30	6	3,568.07	6	3,287.40	6	2,929.54	6	2,572.19	6	2,212.75
1/4	1/4	1/4	4,290.00	1/4	4,123.69	1/4	3,948.37	1/4	3,757.27	1/4	3,564.04	1/4	3,279.96	1/4	2,922.07	1/4	2,564.70	1/4	2,205.26
1/2	1/2	1/2	4,286.03	1/2	4,120.24	1/2	3,944.53	1/2	3,753.24	1/2	3,560.02	1/2	3,272.52	1/2	2,914.60	1/2	2,557.22	1/2	2,197.77
3/4	3/4	3/4	4,282.05	3/4	4,116.80	3/4	3,940.68	3/4	3,749.22	3/4	3,555.99	3/4	3,265.08	3/4	2,907.14	3/4	2,549.73	3/4	2,190.28
7	7	7	4,278.08	7	4,113.31	7	3,936.80	7	3,745.19	7	3,551.96	7	3,257.64	7	2,899.67	7	2,542.24	7	2,182.80
1/4	1/4	1/4	4,274.11	1/4	4,109.83	1/4	3,932.93	1/4	3,741.17	1/4	3,547.94	1/4	3,250.20	1/4	2,892.20	1/4	2,534.75	1/4	2,175.31
1/2	1/2	1/2	4,270.14	1/2	4,106.35	1/2	3,929.05	1/2	3,737.14	1/2	3,543.91	1/2	3,242.76	1/2	2,884.73	1/2	2,527.26	1/2	2,167.82
3/4	3/4	3/4	4,266.16	3/4	4,102.87	3/4	3,925.18	3/4	3,733.12	3/4	3,539.89	3/4	3,235.32	3/4	2,877.26	3/4	2,519.77	3/4	2,160.33
8	8	8	4,262.24	8	4,099.34	8	3,921.27	8	3,729.09	8	3,535.86	8	3,227.88	8	2,869.79	8	2,512.28	8	2,152.84
1/4	1/4	1/4	4,258.32	1/4	4,095.81	1/4	3,917.36	1/4	3,725.07	1/4	3,531.84	1/4	3,220.44	1/4	2,862.32	1/4	2,504.80	1/4	2,145.35
1/2	1/2	1/2	4,254.40	1/2	4,092.28	1/2	3,913.46	1/2	3,721.04	1/2	3,527.81	1/2	3,213.00	1/2	2,854.84	1/2	2,497.31	1/2	2,137.86
3/4	3/4	3/4	4,250.48	3/4	4,088.75	3/4	3,909.55	3/4	3,717.01	3/4	3,523.79	3/4	3,205.56	3/4	2,847.37	3/4	2,489.82	3/4	2,130.38
9	9	9	4,246.97	9	4,085.19	9	3,905.62	9	3,712.99	9	3,519.76	9	3,198.12	9	2,839.89	9	2,482.33	9	2,122.89
1/4	1/4	1/4	4,243.46	1/4	4,081.63	1/4	3,901.68	1/4	3,708.96	1/4	3,515.73	1/4	3,190.68	1/4	2,832.42	1/4	2,474.84	1/4	2,115.40
1/2	1/2	1/2	4,239.95	1/2	4,078.07	1/2	3,897.74	1/2	3,704.94	1/2	3,511.71	1/2	3,183.24	1/2	2,824.94	1/2	2,467.35	1/2	2,107.91
3/4	3/4	3/4	4,236.44	3/4	4,074.51	3/4	3,893.81	3/4	3,700.91	3/4	3,507.68	3/4	3,175.80	3/4	2,817.47	3/4	2,459.87	3/4	2,100.42
10	10	10	4,233.25	10	4,070.92	10	3,889.84	10	3,696.89	10	3,503.66	10	3,168.36	10	2,810.00	10	2,452.38	10	2,092.93
1/4	1/4	1/4	4,230.05	1/4	4,067.32	1/4	3,885.87	1/4	3,692.86	1/4	3,499.63	1/4	3,160.92	1/4	2,802.52	1/4	2,444.89	1/4	2,085.45
1/2	1/2	1/2	4,226.86	1/2	4,063.73	1/2	3,881.90	1/2	3,688.83	1/2	3,495.61	1/2	3,153.48	1/2	2,795.05	1/2	2,437.40	1/2	2,077.96
3/4	3/4	3/4	4,223.66	3/4	4,060.14	3/4	3,877.92	3/4	3,684.81	3/4	3,491.58	3/4	3,146.04	3/4	2,787.57	3/4	2,429.91	3/4	2,070.47
11	11	11	4,220.43	11	4,056.52	11	3,873.92	11	3,680.78	11	3,487.13	11	3,138.59	11	2,780.10	11	2,422.42	11	2,062.98
1/4	1/4	1/4	4,217.20	1/4	4,052.90	1/4	3,869.92	1/4	3,676.76	1/4	3,482.67	1/4	3,131.15	1/4	2,772.62	1/4	2,414.94	1/4	2,055.49
1/2	1/2	1/2	4,213.97	1/2	4,049.28	1/2	3,865.92	1/2	3,672.73	1/2	3,478.22	1/2	3,123.70	1/2	2,765.15	1/2	2,407.45	1/2	2,048.00
3/4	3/4	3/4	4,210.74	3/4	4,045.65	3/4	3,861.92	3/4	3,668.71	3/4	3,473.76	3/4	3,116.26	3/4	2,757.67	3/4	2,399.96	3/4	2,040.52

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" DIAMETER "HERMETIC" CLOSED GAUGING VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "GM 2000"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	2,033.03	0	1,673.50	0	1,315.30	0	965.82	0	613.35	0	256.90	0		0		0		0	
1/4	2,025.54	1/4	1,666.01	1/4	1,307.87	1/4	958.66	1/4	605.86	1/4	249.56	1/4		1/4		1/4		1/4	
1/2	2,018.05	1/2	1,658.52	1/2	1,300.45	1/2	951.51	1/2	598.37	1/2	242.21	1/2		1/2		1/2		1/2	
3/4	2,010.56	3/4	1,651.03	3/4	1,293.02	3/4	944.35	3/4	590.88	3/4	234.87	3/4		3/4		3/4		3/4	
1	2,003.07	1	1,643.54	1	1,285.59	1	937.20	1	583.38	1	227.52	1		1		1		1	
1/4	1,995.58	1/4	1,636.05	1/4	1,278.16	1/4	930.04	1/4	575.89	1/4	220.18	1/4		1/4		1/4		1/4	
1/2	1,988.09	1/2	1,628.56	1/2	1,270.73	1/2	922.89	1/2	568.40	1/2	212.83	1/2		1/2		1/2		1/2	
3/4	1,980.60	3/4	1,621.07	3/4	1,263.30	3/4	915.73	3/4	560.91	3/4	205.49	3/4		3/4		3/4		3/4	
2	1,973.11	2	1,613.58	2	1,255.88	2	908.57	2	553.41	2	198.13	2		2		2		2	
1/4	1,965.62	1/4	1,606.09	1/4	1,248.45	1/4	901.41	1/4	545.92	1/4	190.77	1/4		1/4		1/4		1/4	
1/2	1,958.13	1/2	1,598.60	1/2	1,241.02	1/2	894.25	1/2	538.43	1/2	183.41	1/2		1/2		1/2		1/2	
3/4	1,950.64	3/4	1,591.11	3/4	1,233.60	3/4	887.09	3/4	530.94	3/4	176.05	3/4		3/4		3/4		3/4	
3	1,943.15	3	1,583.62	3	1,226.19	3	879.91	3	523.45	3	168.57	3		3		3		3	
1/4	1,935.66	1/4	1,576.13	1/4	1,218.77	1/4	872.73	1/4	515.95	1/4	161.09	1/4		1/4		1/4		1/4	
1/2	1,928.17	1/2	1,568.64	1/2	1,211.36	1/2	865.55	1/2	508.46	1/2	153.61	1/2		1/2		1/2		1/2	
3/4	1,920.68	3/4	1,561.15	3/4	1,203.95	3/4	858.37	3/4	500.97	3/4	146.13	3/4		3/4		3/4		3/4	
4	1,913.19	4	1,553.66	4	1,196.54	4	851.19	4	493.48	4	138.65	4		4		4		4	
1/4	1,905.70	1/4	1,546.17	1/4	1,189.13	1/4	844.00	1/4	485.99	1/4	131.17	1/4		1/4		1/4		1/4	
1/2	1,898.21	1/2	1,538.68	1/2	1,181.71	1/2	836.82	1/2	478.49	1/2	123.68	1/2		1/2		1/2		1/2	
3/4	1,890.72	3/4	1,531.19	3/4	1,174.30	3/4	829.63	3/4	471.00	3/4	116.20	3/4		3/4		3/4		3/4	
5	1,883.23	5	1,523.70	5	1,166.90	5	822.39	5	463.51	5	108.80	5		5		5		5	
1/4	1,875.74	1/4	1,516.21	1/4	1,159.49	1/4	815.15	1/4	456.02	1/4	101.40	1/4		1/4		1/4		1/4	
1/2	1,868.25	1/2	1,508.72	1/2	1,152.09	1/2	807.90	1/2	448.52	1/2	94.01	1/2		1/2		1/2		1/2	
3/4	1,860.76	3/4	1,501.23	3/4	1,144.69	3/4	800.66	3/4	441.03	3/4	86.61	3/4		3/4		3/4		3/4	
6	1,853.27	6	1,493.75	6	1,137.53	6	793.17	6	433.56	6	79.92	6		6		6		6	
1/4	1,845.78	1/4	1,486.26	1/4	1,130.38	1/4	785.67	1/4	426.09	1/4	73.23	1/4		1/4		1/4		1/4	
1/2	1,838.29	1/2	1,478.78	1/2	1,123.22	1/2	778.18	1/2	418.61	1/2	66.55	1/2		1/2		1/2		1/2	
3/4	1,830.80	3/4	1,471.30	3/4	1,116.07	3/4	770.69	3/4	411.14	3/4	59.86	3/4		3/4		3/4		3/4	
7	1,823.31	7	1,463.87	7	1,108.91	7	763.20	7	403.79	7	54.41	7		7		7		7	
1/4	1,815.82	1/4	1,456.44	1/4	1,101.76	1/4	755.70	1/4	396.45	1/4	48.97	1/4		1/4		1/4		1/4	
1/2	1,808.33	1/2	1,449.01	1/2	1,094.61	1/2	748.21	1/2	389.10	1/2	43.52	1/2		1/2		1/2		1/2	
3/4	1,800.84	3/4	1,441.59	3/4	1,087.45	3/4	740.72	3/4	381.76	3/4	38.08	3/4		3/4		3/4		3/4	
8	1,793.35	8	1,434.16	8	1,080.30	8	733.23	8	374.42	8	33.87	8		8		8		8	
1/4	1,785.86	1/4	1,426.73	1/4	1,073.14	1/4	725.74	1/4	367.07	1/4	29.66	1/4		1/4		1/4		1/4	
1/2	1,778.37	1/2	1,419.30	1/2	1,065.99	1/2	718.24	1/2	359.73	1/2	25.45	1/2		1/2		1/2		1/2	
3/4	1,770.88	3/4	1,411.87	3/4	1,058.83	3/4	710.75	3/4	352.38	3/4	21.25	3/4		3/4		3/4		3/4	
9	1,763.39	9	1,404.44	9	1,051.68	9	703.26	9	345.04	9		9		9		9		9	
1/4	1,755.90	1/4	1,397.01	1/4	1,044.52	1/4	695.77	1/4	337.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,748.41	1/2	1,389.59	1/2	1,037.37	1/2	688.27	1/2	330.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,740.92	3/4	1,382.16	3/4	1,030.21	3/4	680.78	3/4	323.00	3/4		3/4		3/4		3/4		3/4	
10	1,733.43	10	1,374.73	10	1,023.06	10	673.29	10	315.66	10		10		10		10		10	
1/4	1,725.94	1/4	1,367.30	1/4	1,015.90	1/4	665.80	1/4	308.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,718.44	1/2	1,359.87	1/2	1,008.75	1/2	658.31	1/2	300.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,710.95	3/4	1,352.44	3/4	1,001.59	3/4	650.81	3/4	293.62	3/4		3/4		3/4		3/4		3/4	
11	1,703.46	11	1,345.02	11	994.44	11	643.32	11	286.28	11		11		11		11		11	
1/4	1,695.97	1/4	1,337.59	1/4	987.28	1/4	635.83	1/4	278.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,688.48	1/2	1,330.16	1/2	980.13	1/2	628.34	1/2	271.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,680.99	3/4	1,322.73	3/4	972.97	3/4	620.84	3/4	264.25	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2014 CL  
CALCULATED: 04/29/2014 CL  
PRINTED: 04/29/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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