BARGE "GM 2002"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**
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	00-1/4	- 00-1/4
2 STBD	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 PORT	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-1/2	03-1/2
3 STBD	- 00-1/2	00-1/2	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-3/4	02-3/4	- 03-1/2	03-1/2

(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 INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 253'-09"

May 15, 2014

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

http://www.pmacorp.net

BARGE "GM 2002"

1 PORT

INNAGE 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	21.39	0	355.37	0	716.80	0	1,079.25	0	1,441.70	0	1,804.39	0	2,167.09	0	2,529.79	0	2,892.39	0	3,254.95
1/4	25.63	1/4	362.78	1/4	724.36	1/4	1,086.79	1/4	1,449.25	1/4	1,811.95	1/4	2,174.65	1/4	2,537.34	1/4	2,899.94	1/4	3,262.50
1/2	29.86	1/2	370.19	1/2	731.91	1/2	1,094.34	1/2	1,456.81	1/2	1,819.51	1/2	2,182.20	1/2	2,544.90	1/2	2,907.49	1/2	3,270.06
3/4	34.10	3/4	377.60	3/4	739.47	3/4	1,101.88	3/4	1,464.36	3/4	1,827.06	3/4	2,189.76	3/4	2,552.46	3/4	2,915.05	3/4	3,277.61
1	38.34	1	385.00	1	747.02	1	1,109.42	1	1,471.92	1	1,834.62	1	2,197.32	1	2,560.01	1	2,922.60	1	3,285.16
1/4	43.83	1/4	392.41	1/4	754.58	1/4	1,116.97	1/4	1,479.48	1/4	1,842.17	1/4	2,204.87	1/4	2,567.57	1/4	2,930.15	1/4	3,292.72
1/2	49.32	1/2	399.82	1/2	762.13	1/2	1,124.51	1/2	1,487.03	1/2	1,849.73	1/2	2,212.43	1/2	2,575.13	1/2	2,937.71	1/2	3,300.27
3/4	54.82	3/4	407.23	3/4	769.69	3/4	1,132.06	3/4	1,494.59	3/4	1,857.29	3/4	2,219.98	3/4	2,582.68	3/4	2,945.26	3/4	3,307.82
2	60.31	2	414.64	2	777.25	2	1,139.60	2	1,502.15	2	1,864.84	2	2,227.54	2	2,590.24	2	2,952.81	2	3,315.38
1/4	67.06	1/4	422.17	1/4	784.80	1/4	1,147.14	1/4	1,509.70	1/4	1,872.40	1/4	2,235.10	1/4	2,597.79	1/4	2,960.37	1/4	3,322.93
1/2	73.82	1/2	429.71	1/2	792.36	1/2	1,154.69	1/2	1,517.26	1/2	1,879.96	1/2	2,242.65	1/2	2,605.35	1/2	2,967.92	1/2	3,330.48
3/4	80.57	3/4	437.25	3/4	799.91	3/4	1,162.23	3/4	1,524.81	3/4	1,887.51	3/4	2,250.21	3/4	2,612.91	3/4	2,975.47	3/4	3,338.04
3	87.33	3	444.79	3	807.47	3	1,169.78	3	1,532.37	3	1,895.07	3	2,257.77	3	2,620.46	3	2,983.03	3	3,345.59
1/4	94.79	1/4	452.34	1/4	815.03	1/4	1,177.32	1/4	1,539.93	1/4	1,902.62	1/4	2,265.32	1/4	2,628.02	1/4	2,990.58	1/4	3,353.14
1/2	102.25	1/2	459.90	1/2	822.58	1/2	1,184.86	1/2	1,547.48	1/2	1,910.18	1/2	2,272.88	1/2	2,635.57	1/2	2,998.13	1/2	3,360.70
3/4	109.71	3/4	467.45	3/4	830.14	3/4	1,192.41	3/4	1,555.04	3/4	1,917.74	3/4	2,280.43	3/4	2,643.12	3/4	3,005.69	3/4	3,368.25
4	117.18	4	475.01	4	837.69	4	1,199.95	4	1,562.59	4	1,925.29	4	2,287.99	4	2,650.68	4	3,013.24	4	3,375.80
1/4	124.72	1/4	482.57	1/4	845.25	1/4	1,207.50	1/4	1,570.15	1/4	1,932.85	1/4	2,295.55	1/4	2,658.23	1/4	3,020.79	1/4	3,383.36
1/2	132.26	1/2	490.12	1/2	852.81	1/2	1,215.04	1/2	1,577.71	1/2	1,940.40	1/2	2,303.10	1/2	2,665.79	1/2	3,028.35	1/2	3,390.91
3/4	139.80	3/4	497.68	3/4	860.36	3/4	1,222.58	3/4	1,585.26	3/4	1,947.96	3/4	2,310.66	3/4	2,673.34	3/4	3,035.90	3/4	3,398.46
5	147.34	5	505.23	5	867.92	5	1,230.13	5	1,592.82	5	1,955.52	5	2,318.21	5	2,680.89	5	3,043.46	5	3,406.02
1/4	154.88	1/4	512.79	1/4	875.47	1/4	1,237.68	1/4	1,600.38	1/4	1,963.07	1/4	2,325.77	1/4	2,688.45	1/4	3,051.01	1/4	3,413.57
1/2	162.42	1/2	520.35	1/2	883.03	1/2	1,245.24	1/2	1,607.93	1/2	1,970.63	1/2	2,333.33	1/2	2,696.00	1/2	3,058.56	1/2	3,421.13
3/4	169.96	3/4	527.90	3/4	890.59	3/4	1,252.79	3/4	1,615.49	3/4	1,978.19	3/4	2,340.88	3/4	2,703.55	3/4	3,066.12	3/4	3,428.68
6	177.50	6	535.46	6	898.14	6	1,260.35	6	1,623.04	6	1,985.74	6	2,348.44	6	2,711.11	6	3,073.67	6	3,436.23
1/4	184.93	1/4	543.01	1/4	905.70	1/4	1,267.90	1/4	1,630.60	1/4	1,993.30	1/4	2,356.00	1/4	2,718.66	1/4	3,081.22	1/4	3,443.79
1/2	192.35	1/2	550.57	1/2	913.25	1/2	1,275.46	1/2	1,638.16	1/2	2,000.85	1/2	2,363.55	1/2	2,726.21	1/2	3,088.78	1/2	3,451.34
3/4	199.78	3/4	558.13	3/4	920.81	3/4	1,283.02	3/4	1,645.71	3/4	2,008.41	3/4	2,371.11	3/4	2,733.77	3/4	3,096.33	3/4	3,458.89
7	207.20	7	565.68	7	928.36	7	1,290.57	7	1,653.27	7	2,015.97	7	2,378.66	7	2,741.32	7	3,103.88	7	3,466.45
1/4	214.61	1/4	573.24	1/4	935.91	1/4	1,298.13	1/4	1,660.83	1/4	2,023.52	1/4	2,386.22	1/4	2,748.87	1/4	3,111.44	1/4	3,474.00
1/2	222.02	1/2	580.79	1/2	943.46	1/2	1,305.68	1/2	1,668.38	1/2	2,031.08	1/2	2,393.78	1/2	2,756.43	1/2	3,118.99	1/2	3,481.55
3/4	229.43	3/4	588.35	3/4	951.00	3/4	1,313.24	3/4	1,675.94	3/4	2,038.64	3/4	2,401.33	3/4	2,763.98	3/4	3,126.54	3/4	3,489.11
8	236.84	8	595.91	8	958.55	8	1,320.80	8	1,683.49	8	2,046.19	8	2,408.89	8	2,771.53	8	3,134.10	8	3,496.66
1/4	244.25	1/4	603.46	1/4	966.09	1/4	1,328.35	1/4	1,691.05	1/4	2,053.75	1/4	2,416.45	1/4	2,779.09	1/4	3,141.65	1/4	3,504.21
1/2	251.65	1/2	611.02	1/2	973.63	1/2	1,335.91	1/2	1,698.61	1/2	2,061.30	1/2	2,424.00	1/2	2,786.64	1/2	3,149.20	1/2	3,511.77
3/4	259.06	3/4	618.57	3/4	981.18	3/4	1,343.46	3/4	1,706.16	3/4	2,068.86	3/4	2,431.56	3/4	2,794.19	3/4	3,156.76	3/4	3,519.32
9	266.47	9	626.13	9	988.72	9	1,351.02	9	1,713.72	9	2,076.42	9	2,439.11	9	2,801.75	9	3,164.31	9	3,526.87
1/4	273.88	1/4	633.68	1/4	996.27	1/4	1,358.58	1/4	1,721.27	1/4	2,083.97	1/4	2,446.67	1/4	2,809.30	1/4	3,171.86	1/4	3,534.43
1/2	281.29	1/2	641.24	1/2	1,003.81	1/2	1,366.13	1/2	1,728.83	1/2	2,091.53	1/2	2,454.23	1/2	2,816.85	1/2	3,179.42	1/2	3,541.98
3/4	288.70	3/4	648.80	3/4	1,011.35	3/4	1,373.69	3/4	1,736.39	3/4	2,099.08	3/4	2,461.78	3/4	2,824.41	3/4	3,186.97	3/4	3,549.53
10	296.10	10	656.35	10	1,018.90	10	1,381.25	10	1,743.94	10	2,106.64	10	2,469.34	10	2,831.96	10	3,194.52	10	3,557.09
1/4	303.51	1/4	663.91	1/4	1,026.44	1/4	1,388.80	1/4	1,751.50	1/4	2,114.20	1/4	2,476.89	1/4	2,839.51	1/4	3,202.08	1/4	3,564.64
1/2	310.92	1/2	671.46	1/2	1,033.99	1/2	1,396.36	1/2	1,759.06	1/2	2,121.75	1/2	2,484.45	1/2	2,847.07	1/2	3,209.63	1/2	3,572.19
3/4	318.33	3/4	679.02	3/4	1,041.53	3/4	1,403.91	3/4	1,766.61	3/4	2,129.31	3/4	2,492.01	3/4	2,854.62	3/4	3,217.18	3/4	3,579.75
11	325.74	11	686.58	11	1,049.07	11	1,411.47	11	1,774.17	11	2,136.87	11	2,499.56	11	2,862.17	11	3,224.74	11	3,587.30
1/4	333.15	1/4	694.13	1/4	1,056.62	1/4	1,419.03	1/4	1,781.72	1/4	2,144.42	1/4	2,507.12	1/4	2,869.73	1/4	3,232.29	1/4	3,594.85
1/2	340.55	1/2	701.69	1/2	1,064.16	1/2	1,426.58	1/2	1,789.28	1/2	2,151.98	1/2	2,514.68	1/2	2,877.28	1/2	3,239.84	1/2	3,602.41
3/4	347.96	3/4	709.24	3/4	1,071.70	3/4	1,434.14	3/4	1,796.84	3/4	2,159.53	3/4	2,522.23	3/4	2,884.83	3/4	3,247.40	3/4	3,609.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "GM 2002"

1 PORT

INNAGE 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	3,617.51	0	3,980.08	0	4,341.95	0	4,690.40	0	5,020.54	0		0		0		0		0	
1/4	3,625.07	1/4	3,987.63	1/4	4,349.38	1/4	4,697.45	1/4	5,027.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,632.62	1/2	3,995.18	1/2	4,356.82	1/2	4,704.50	1/2	5,035.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,640.17	3/4	4,002.74	3/4	4,364.25	3/4	4,711.56	3/4	5,042.75	3/4		3/4		3/4		3/4		3/4	
1	3,647.73	1	4,010.29	1	4,371.68	1	4,718.61	1	5,050.15	1		1		1		1		1	
1/4	3,655.28	1/4	4,017.84	1/4	4,379.09	1/4	4,725.60	1/4	5,057.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,662.83	1/2	4,025.40	1/2	4,386.49	1/2	4,732.60	1/2	5,065.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,670.39	3/4	4,032.95	3/4	4,393.89	3/4	4,739.59	3/4	5,072.51	3/4		3/4		3/4		3/4		3/4	
2	3,677.94	2	4,040.50	2	4,401.29	2	4,746.58	2	5,079.97	2		2		2		2		2	
1/4	3,685.49	1/4	4,048.06	1/4	4,408.67	1/4	4,753.54	1/4	5,087.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.05	1/2	4,055.61	1/2	4,416.04	1/2	4,760.50	1/2	5,094.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,700.60	3/4	4,063.16	3/4	4,423.41	3/4	4,767.46	3/4	5,102.33	3/4		3/4		3/4		3/4		3/4	
3	3,708.15	3	4,070.72	3	4,430.79	3	4,774.42	3	5,109.79	3		3		3		3		3	
1/4	3,715.71	1/4	4,078.27	1/4	4,438.13	1/4	4,781.35	1/4	5,117.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.26	1/2	4,085.82	1/2	4,445.46	1/2	4,788.28	1/2	5,124.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,730.81	3/4	4,093.38	3/4	4,452.80	3/4	4,795.21	3/4	5,132.16	3/4		3/4		3/4		3/4		3/4	
4	3,738.37	4	4,100.93	4	4,460.14	4	4,802.14	4	5,139.61	4		4		4		4		4	
1/4	3,745.92	1/4	4,108.48	1/4	4,467.45	1/4	4,809.03	1/4	5,147.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,753.47	1/2	4,116.04	1/2	4,474.75	1/2	4,815.93	1/2	5,154.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,761.03	3/4	4,123.59	3/4	4,482.06	3/4	4,822.82	3/4	5,161.98	3/4		3/4		3/4		3/4		3/4	
5	3,768.58	5	4,131.14	5	4,489.36	5	4,829.72	5	5,169.43	5		5		5		5		5	
1/4	3,776.13	1/4	4,138.70	1/4	4,496.64	1/4	4,836.58	1/4	5,176.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,783.69	1/2	4,146.25	1/2	4,503.91	1/2	4,843.44	1/2	5,184.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,791.24	3/4	4,153.80	3/4	4,511.19	3/4	4,850.31	3/4	5,191.39	3/4		3/4		3/4		3/4		3/4	
6	3,798.80	6	4,161.36	6	4,518.46	6	4,857.17	6	5,198.70	6		6		6		6		6	
1/4	3,806.35	1/4	4,168.91	1/4	4,525.71	1/4	4,864.00	1/4	5,205.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,813.90	1/2	4,176.47	1/2	4,532.95	1/2	4,870.83	1/2	5,211.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,821.46	3/4	4,184.02	3/4	4,540.20	3/4	4,877.66	3/4	5,217.70	3/4		3/4		3/4		3/4		3/4	
7	3,829.01	7	4,191.57	7	4,547.44	7	4,884.49	7	5,224.04	7		7		7		7		7	
1/4	3,836.56	1/4	4,199.13	1/4	4,554.65	1/4	4,891.29	1/4	5,229.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,844.12	1/2	4,206.68	1/2	4,561.87	1/2	4,898.10	1/2	5,234.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,851.67	3/4	4,214.23	3/4	4,569.08	3/4	4,904.90	3/4	5,239.39	3/4		3/4		3/4		3/4		3/4	
8	3,859.22	8	4,221.79	8	4,576.29	8	4,911.70	8	5,244.51	8		8		8		8		8	
1/4	3,866.78	1/4	4,229.34	1/4	4,583.47	1/4	4,918.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.33	1/2	4,236.89	1/2	4,590.64	1/2	4,925.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.88	3/4	4,244.44	3/4	4,597.82	3/4	4,932.01	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,889.44	9	4,251.99	9	4,605.00	9	4,938.78	9		9		9		9		9		9	
1/4	3,896.99	1/4	4,259.52	1/4	4,612.14	1/4	4,945.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,904.54	1/2	4,267.05	1/2	4,619.29	1/2	4,952.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,912.10	3/4	4,274.58	3/4	4,626.44	3/4	4,959.00	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,919.65	10	4,282.11	10	4,633.58	10	4,965.74	10		10		10		10		10		10	
1/4	3,927.20	1/4	4,289.60	1/4	4,640.70	1/4	4,972.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,934.76	1/2	4,297.10	1/2	4,647.82	1/2	4,979.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.31	3/4	4,304.60	3/4	4,654.93	3/4	4,985.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,949.86	11	4,312.10	11	4,662.05	11	4,992.56	11		11		11		11		11		11	
1/4	3,957.42	1/4	4,319.56	1/4	4,669.14	1/4	4,999.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,964.97	1/2	4,327.02	1/2	4,676.22	1/2	5,006.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,972.52	3/4	4,334.49	3/4	4,683.31	3/4	5,013.54	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2014 CL
CALCULATED: 05/15/2014 CL
PRINTED: 05/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "GM 2002"

1 STBD

INNAGE 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	21.39	0	355.37	0	716.80	0	1,078.32	0	1,439.80	0	1,802.50	0	2,165.20	0	2,527.89	0	2,890.30	0	3,252.86
1/4	25.63	1/4	362.78	1/4	724.35	1/4	1,085.82	1/4	1,447.36	1/4	1,810.05	1/4	2,172.75	1/4	2,535.45	1/4	2,897.85	1/4	3,260.41
1/2	29.86	1/2	370.19	1/2	731.91	1/2	1,093.33	1/2	1,454.91	1/2	1,817.61	1/2	2,180.31	1/2	2,543.01	1/2	2,905.40	1/2	3,267.97
3/4	34.10	3/4	377.60	3/4	739.47	3/4	1,100.83	3/4	1,462.47	3/4	1,825.17	3/4	2,187.86	3/4	2,550.56	3/4	2,912.96	3/4	3,275.52
1	38.34	1	385.00	1	747.02	1	1,108.34	1	1,470.03	1	1,832.72	1	2,195.42	1	2,558.12	1	2,920.51	1	3,283.07
1/4	43.83	1/4	392.41	1/4	754.58	1/4	1,115.84	1/4	1,477.58	1/4	1,840.28	1/4	2,202.98	1/4	2,565.67	1/4	2,928.06	1/4	3,290.63
1/2	49.32	1/2	399.82	1/2	762.13	1/2	1,123.35	1/2	1,485.14	1/2	1,847.84	1/2	2,210.53	1/2	2,573.23	1/2	2,935.62	1/2	3,298.18
3/4	54.82	3/4	407.23	3/4	769.69	3/4	1,130.85	3/4	1,492.69	3/4	1,855.39	3/4	2,218.09	3/4	2,580.79	3/4	2,943.17	3/4	3,305.73
2	60.31	2	414.64	2	777.25	2	1,138.36	2	1,500.25	2	1,862.95	2	2,225.65	2	2,588.34	2	2,950.72	2	3,313.29
1/4	67.06	1/4	422.17	1/4	784.80	1/4	1,145.86	1/4	1,507.81	1/4	1,870.50	1/4	2,233.20	1/4	2,595.90	1/4	2,958.28	1/4	3,320.84
1/2	73.82	1/2	429.71	1/2	792.36	1/2	1,153.36	1/2	1,515.36	1/2	1,878.06	1/2	2,240.76	1/2	2,603.46	1/2	2,965.83	1/2	3,328.39
3/4	80.57	3/4	437.25	3/4	799.91	3/4	1,160.87	3/4	1,522.92	3/4	1,885.62	3/4	2,248.31	3/4	2,611.01	3/4	2,973.38	3/4	3,335.95
3	87.33	3	444.79	3	807.47	3	1,168.37	3	1,530.47	3	1,893.17	3	2,255.87	3	2,618.57	3	2,980.94	3	3,343.50
1/4	94.79	1/4	452.34	1/4	815.03	1/4	1,175.88	1/4	1,538.03	1/4	1,900.73	1/4	2,263.43	1/4	2,626.12	1/4	2,988.49	1/4	3,351.05
1/2	102.25	1/2	459.90	1/2	822.58	1/2	1,183.38	1/2	1,545.59	1/2	1,908.28	1/2	2,270.98	1/2	2,633.68	1/2	2,996.04	1/2	3,358.61
3/4	109.71	3/4	467.45	3/4	830.14	3/4	1,190.89	3/4	1,553.14	3/4	1,915.84	3/4	2,278.54	3/4	2,641.23	3/4	3,003.60	3/4	3,366.16
4	117.18	4	475.01	4	837.69	4	1,198.39	4	1,560.70	4	1,923.40	4	2,286.09	4	2,648.78	4	3,011.15	4	3,373.71
1/4	124.72	1/4	482.57	1/4	845.25	1/4	1,205.89	1/4	1,568.26	1/4	1,930.95	1/4	2,293.65	1/4	2,656.33	1/4	3,018.70	1/4	3,381.27
1/2	132.26	1/2	490.12	1/2	852.80	1/2	1,213.40	1/2	1,575.81	1/2	1,938.51	1/2	2,301.21	1/2	2,663.87	1/2	3,026.26	1/2	3,388.82
3/4	139.80	3/4	497.68	3/4	860.36	3/4	1,220.90	3/4	1,583.37	3/4	1,946.07	3/4	2,308.76	3/4	2,671.41	3/4	3,033.81	3/4	3,396.37
5	147.34	5	505.23	5	867.92	5	1,228.41	5	1,590.92	5	1,953.62	5	2,316.32	5	2,678.95	5	3,041.36	5	3,403.93
1/4	154.88	1/4	512.79	1/4	875.47	1/4	1,235.92	1/4	1,598.48	1/4	1,961.18	1/4	2,323.88	1/4	2,686.49	1/4	3,048.92	1/4	3,411.48
1/2	162.42	1/2	520.35	1/2	883.03	1/2	1,243.44	1/2	1,606.04	1/2	1,968.73	1/2	2,331.43	1/2	2,694.04	1/2	3,056.47	1/2	3,419.03
3/4	169.96	3/4	527.90	3/4	890.58	3/4	1,250.96	3/4	1,613.59	3/4	1,976.29	3/4	2,338.99	3/4	2,701.58	3/4	3,064.02	3/4	3,426.59
6	177.50	6	535.46	6	898.14	6	1,258.47	6	1,621.15	6	1,983.85	6	2,346.54	6	2,709.12	6	3,071.58	6	3,434.14
1/4	184.93	1/4	543.01	1/4	905.66	1/4	1,266.02	1/4	1,628.71	1/4	1,991.40	1/4	2,354.10	1/4	2,716.66	1/4	3,079.13	1/4	3,441.69
1/2	192.35	1/2	550.57	1/2	913.18	1/2	1,273.57	1/2	1,636.26	1/2	1,998.96	1/2	2,361.66	1/2	2,724.20	1/2	3,086.68	1/2	3,449.25
3/4	199.78	3/4	558.12	3/4	920.70	3/4	1,281.13	3/4	1,643.82	3/4	2,006.52	3/4	2,369.21	3/4	2,731.74	3/4	3,094.24	3/4	3,456.80
7	207.20	7	565.68	7	928.23	7	1,288.68	7	1,651.37	7	2,014.07	7	2,376.77	7	2,739.28	7	3,101.79	7	3,464.35
1/4	214.61	1/4	573.24	1/4	935.73	1/4	1,296.23	1/4	1,658.93	1/4	2,021.63	1/4	2,384.33	1/4	2,746.82	1/4	3,109.34	1/4	3,471.91
1/2	222.02	1/2	580.79	1/2	943.24	1/2	1,303.79	1/2	1,666.49	1/2	2,029.18	1/2	2,391.88	1/2	2,754.36	1/2	3,116.90	1/2	3,479.46
3/4	229.43	3/4	588.35	3/4	950.74	3/4	1,311.35	3/4	1,674.04	3/4	2,036.74	3/4	2,399.44	3/4	2,761.91	3/4	3,124.45	3/4	3,487.01
8	236.84	8	595.90	8	958.25	8	1,318.90	8	1,681.60	8	2,044.30	8	2,406.99	8	2,769.45	8	3,132.00	8	3,494.57
1/4	244.25	1/4	603.46	1/4	965.75	1/4	1,326.46	1/4	1,689.16	1/4	2,051.85	1/4	2,414.55	1/4	2,777.00	1/4	3,139.56	1/4	3,502.12
1/2	251.65	1/2	611.02	1/2	973.26	1/2	1,334.01	1/2	1,696.71	1/2	2,059.41	1/2	2,422.11	1/2	2,784.55	1/2	3,147.11	1/2	3,509.67
3/4	259.06	3/4	618.57	3/4	980.76	3/4	1,341.57	3/4	1,704.27	3/4	2,066.97	3/4	2,429.66	3/4	2,792.10	3/4	3,154.66	3/4	3,517.23
9	266.47	9	626.13	9	988.27	9	1,349.13	9	1,711.82	9	2,074.52	9	2,437.22	9	2,799.65	9	3,162.22	9	3,524.78
1/4	273.88	1/4	633.68	1/4	995.77	1/4	1,356.68	1/4	1,719.38	1/4	2,082.08	1/4	2,444.78	1/4	2,807.21	1/4	3,169.77	1/4	3,532.33
1/2	281.29	1/2	641.24	1/2	1,003.28	1/2	1,364.24	1/2	1,726.94	1/2	2,089.63	1/2	2,452.33	1/2	2,814.76	1/2	3,177.32	1/2	3,539.89
3/4	288.70	3/4	648.80	3/4	1,010.78	3/4	1,371.79	3/4	1,734.49	3/4	2,097.19	3/4	2,459.89	3/4	2,822.32	3/4	3,184.88	3/4	3,547.44
10	296.10	10	656.35	10	1,018.28	10	1,379.35	10	1,742.05	10	2,104.75	10	2,467.44	10	2,829.87	10	3,192.43	10	3,554.99
1/4	303.51	1/4	663.91	1/4	1,025.79	1/4	1,386.91	1/4	1,749.60	1/4	2,112.30	1/4	2,475.00	1/4	2,837.42	1/4	3,199.98	1/4	3,562.55
1/2	310.92	1/2	671.46	1/2	1,033.29	1/2	1,394.46	1/2	1,757.16	1/2	2,119.86	1/2	2,482.56	1/2	2,844.98	1/2	3,207.54	1/2	3,570.10
3/4	318.33	3/4	679.02	3/4	1,040.80	3/4	1,402.02	3/4	1,764.72	3/4	2,127.41	3/4	2,490.11	3/4	2,852.53	3/4	3,215.09	3/4	3,577.65
11	325.74	11	686.57	11	1,048.30	11	1,409.58	11	1,772.27	11	2,134.97	11	2,497.67	11	2,860.08	11	3,222.65	11	3,585.21
1/4	333.15	1/4	694.13	1/4	1,055.81	1/4	1,417.13	1/4	1,779.83	1/4	2,142.53	1/4	2,505.22	1/4	2,867.64	1/4	3,230.20	1/4	3,592.76
1/2	340.55	1/2	701.69	1/2	1,063.31	1/2	1,424.69	1/2	1,787.39	1/2	2,150.08	1/2	2,512.78	1/2	2,875.19	1/2	3,237.75	1/2	3,600.32
3/4	347.96	3/4	709.24	3/4	1,070.82	3/4	1,432.24	3/4	1,794.94	3/4	2,157.64	3/4	2,520.34	3/4	2,882.74	3/4	3,245.31	3/4	3,607.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THE TOP LIP OF 2" HERMETIC 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 2002"

1 STBD

INNAGE 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	3,615.42	0	3,977.99	0	4,339.86	0	4,688.30	0	5,018.43	0		0		0		0		0	
1/4	3,622.98	1/4	3,985.54	1/4	4,347.29	1/4	4,695.35	1/4	5,025.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.53	1/2	3,993.09	1/2	4,354.72	1/2	4,702.41	1/2	5,033.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,638.08	3/4	4,000.65	3/4	4,362.16	3/4	4,709.46	3/4	5,040.64	3/4		3/4		3/4		3/4		3/4	
1	3,645.64	1	4,008.20	1	4,369.59	1	4,716.51	1	5,048.04	1		1		1		1		1	
1/4	3,653.19	1/4	4,015.75	1/4	4,376.99	1/4	4,723.50	1/4	5,055.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,660.74	1/2	4,023.31	1/2	4,384.40	1/2	4,730.50	1/2	5,062.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,668.30	3/4	4,030.86	3/4	4,391.80	3/4	4,737.49	3/4	5,070.41	3/4		3/4		3/4		3/4		3/4	
2	3,675.85	2	4,038.41	2	4,399.20	2	4,744.49	2	5,077.87	2		2		2		2		2	
1/4	3,683.40	1/4	4,045.97	1/4	4,406.57	1/4	4,751.44	1/4	5,085.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,690.96	1/2	4,053.52	1/2	4,413.95	1/2	4,758.40	1/2	5,092.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.51	3/4	4,061.07	3/4	4,421.32	3/4	4,765.36	3/4	5,100.23	3/4		3/4		3/4		3/4		3/4	
3	3,706.06	3	4,068.63	3	4,428.69	3	4,772.32	3	5,107.69	3		3		3		3		3	
1/4	3,713.62	1/4	4,076.18	1/4	4,436.03	1/4	4,779.25	1/4	5,115.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,721.17	1/2	4,083.73	1/2	4,443.37	1/2	4,786.18	1/2	5,122.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,728.72	3/4	4,091.29	3/4	4,450.71	3/4	4,793.11	3/4	5,130.05	3/4		3/4		3/4		3/4		3/4	
4	3,736.28	4	4,098.84	4	4,458.05	4	4,800.04	4	5,137.51	4		4		4		4		4	
1/4	3,743.83	1/4	4,106.39	1/4	4,465.36	1/4	4,806.93	1/4	5,144.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,751.38	1/2	4,113.95	1/2	4,472.66	1/2	4,813.83	1/2	5,152.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,758.94	3/4	4,121.50	3/4	4,479.97	3/4	4,820.73	3/4	5,159.87	3/4		3/4		3/4		3/4		3/4	
5	3,766.49	5	4,129.05	5	4,487.27	5	4,827.62	5	5,167.33	5		5		5		5		5	
1/4	3,774.04	1/4	4,136.61	1/4	4,494.55	1/4	4,834.48	1/4	5,174.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,781.60	1/2	4,144.16	1/2	4,501.82	1/2	4,841.34	1/2	5,181.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,789.15	3/4	4,151.71	3/4	4,509.10	3/4	4,848.21	3/4	5,189.27	3/4		3/4		3/4		3/4		3/4	
6	3,796.70	6	4,159.27	6	4,516.37	6	4,855.07	6	5,196.59	6		6		6		6		6	
1/4	3,804.26	1/4	4,166.82	1/4	4,523.61	1/4	4,861.90	1/4	5,202.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,811.81	1/2	4,174.37	1/2	4,530.86	1/2	4,868.73	1/2	5,209.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,819.36	3/4	4,181.93	3/4	4,538.10	3/4	4,875.56	3/4	5,215.59	3/4		3/4		3/4		3/4		3/4	
7	3,826.92	7	4,189.48	7	4,545.35	7	4,882.39	7	5,221.92	7		7		7		7		7	
1/4	3,834.47	1/4	4,197.03	1/4	4,552.56	1/4	4,889.19	1/4	5,227.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,842.02	1/2	4,204.59	1/2	4,559.77	1/2	4,895.99	1/2	5,232.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,849.58	3/4	4,212.14	3/4	4,566.98	3/4	4,902.80	3/4	5,237.28	3/4		3/4		3/4		3/4		3/4	
8	3,857.13	8	4,219.69	8	4,574.19	8	4,909.60	8	5,242.40	8		8		8		8		8	
1/4	3,864.68	1/4	4,227.24	1/4	4,581.37	1/4	4,916.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,872.24	1/2	4,234.79	1/2	4,588.55	1/2	4,923.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,879.79	3/4	4,242.34	3/4	4,595.73	3/4	4,929.91	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,887.34	9	4,249.89	9	4,602.90	9	4,936.68	9		9		9		9		9		9	
1/4	3,894.90	1/4	4,257.42	1/4	4,610.05	1/4	4,943.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,902.45	1/2	4,264.95	1/2	4,617.20	1/2	4,950.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,910.00	3/4	4,272.48	3/4	4,624.34	3/4	4,956.90	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,917.56	10	4,280.01	10	4,631.49	10	4,963.64	10		10		10		10		10		10	
1/4	3,925.11	1/4	4,287.51	1/4	4,638.61	1/4	4,970.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,932.66	1/2	4,295.01	1/2	4,645.72	1/2	4,977.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,940.22	3/4	4,302.51	3/4	4,652.84	3/4	4,983.75	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,947.77	11	4,310.00	11	4,659.95	11	4,990.46	11		11		11		11		11		11	
1/4	3,955.32	1/4	4,317.47	1/4	4,667.04	1/4	4,997.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,962.88	1/2	4,324.93	1/2	4,674.13	1/2	5,004.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,970.43	3/4	4,332.39	3/4	4,681.21	3/4	5,011.44	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2014 CL
CALCULATED: 05/15/2014 CL
PRINTED: 05/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "GM 2002"

2 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

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	21.32	0	354.16	0	714.38	0	1,075.61	0	1,436.84	0	1,798.32	0	2,159.79	0	2,521.27	0	2,882.66	0	3,244.01
1/4	25.54	1/4	361.55	1/4	721.91	1/4	1,083.13	1/4	1,444.37	1/4	1,805.85	1/4	2,167.33	1/4	2,528.80	1/4	2,890.19	1/4	3,251.54
1/2	29.76	1/2	368.93	1/2	729.44	1/2	1,090.65	1/2	1,451.90	1/2	1,813.38	1/2	2,174.86	1/2	2,536.33	1/2	2,897.72	1/2	3,259.06
3/4	33.99	3/4	376.31	3/4	736.97	3/4	1,098.17	3/4	1,459.43	3/4	1,820.91	3/4	2,182.39	3/4	2,543.87	3/4	2,905.24	3/4	3,266.59
1	38.21	1	383.70	1	744.50	1	1,105.68	1	1,466.96	1	1,828.44	1	2,189.92	1	2,551.40	1	2,912.77	1	3,274.12
1/4	43.68	1/4	391.08	1/4	752.03	1/4	1,113.20	1/4	1,474.49	1/4	1,835.97	1/4	2,197.45	1/4	2,558.93	1/4	2,920.30	1/4	3,281.65
1/2	49.16	1/2	398.46	1/2	759.56	1/2	1,120.72	1/2	1,482.02	1/2	1,843.50	1/2	2,204.98	1/2	2,566.46	1/2	2,927.83	1/2	3,289.18
3/4	54.63	3/4	405.84	3/4	767.09	3/4	1,128.24	3/4	1,489.55	3/4	1,851.03	3/4	2,212.51	3/4	2,573.99	3/4	2,935.36	3/4	3,296.71
2	60.11	2	413.23	2	774.62	2	1,135.76	2	1,497.08	2	1,858.56	2	2,220.04	2	2,581.52	2	2,942.88	2	3,304.23
1/4	66.84	1/4	420.74	1/4	782.15	1/4	1,143.28	1/4	1,504.61	1/4	1,866.09	1/4	2,227.57	1/4	2,589.05	1/4	2,950.41	1/4	3,311.76
1/2	73.57	1/2	428.25	1/2	789.68	1/2	1,150.80	1/2	1,512.15	1/2	1,873.62	1/2	2,235.10	1/2	2,596.58	1/2	2,957.94	1/2	3,319.29
3/4	80.30	3/4	435.77	3/4	797.21	3/4	1,158.31	3/4	1,519.68	3/4	1,881.15	3/4	2,242.63	3/4	2,604.11	3/4	2,965.47	3/4	3,326.82
3	87.03	3	443.28	3	804.74	3	1,165.83	3	1,527.21	3	1,888.69	3	2,250.16	3	2,611.64	3	2,973.00	3	3,334.35
1/4	94.47	1/4	450.81	1/4	812.27	1/4	1,173.35	1/4	1,534.74	1/4	1,896.22	1/4	2,257.69	1/4	2,619.17	1/4	2,980.53	1/4	3,341.87
1/2	101.91	1/2	458.34	1/2	819.80	1/2	1,180.87	1/2	1,542.27	1/2	1,903.75	1/2	2,265.23	1/2	2,626.70	1/2	2,988.05	1/2	3,349.40
3/4	109.34	3/4	465.87	3/4	827.33	3/4	1,188.39	3/4	1,549.80	3/4	1,911.28	3/4	2,272.76	3/4	2,634.23	3/4	2,995.58	3/4	3,356.93
4	116.78	4	473.40	4	834.86	4	1,195.91	4	1,557.33	4	1,918.81	4	2,280.29	4	2,641.76	4	3,003.11	4	3,364.46
1/4	124.30	1/4	480.93	1/4	842.40	1/4	1,203.43	1/4	1,564.86	1/4	1,926.34	1/4	2,287.82	1/4	2,649.29	1/4	3,010.64	1/4	3,371.99
1/2	131.81	1/2	488.46	1/2	849.93	1/2	1,210.94	1/2	1,572.39	1/2	1,933.87	1/2	2,295.35	1/2	2,656.82	1/2	3,018.17	1/2	3,379.51
3/4	139.33	3/4	495.99	3/4	857.46	3/4	1,218.46	3/4	1,579.92	3/4	1,941.40	3/4	2,302.88	3/4	2,664.34	3/4	3,025.69	3/4	3,387.04
5	146.85	5	503.52	5	864.99	5	1,225.98	5	1,587.45	5	1,948.93	5	2,310.41	5	2,671.87	5	3,033.22	5	3,394.57
1/4	154.36	1/4	511.05	1/4	872.52	1/4	1,233.51	1/4	1,594.98	1/4	1,956.46	1/4	2,317.94	1/4	2,679.40	1/4	3,040.75	1/4	3,402.10
1/2	161.88	1/2	518.58	1/2	880.05	1/2	1,241.04	1/2	1,602.52	1/2	1,963.99	1/2	2,325.47	1/2	2,686.93	1/2	3,048.28	1/2	3,409.63
3/4	169.39	3/4	526.11	3/4	887.58	3/4	1,248.57	3/4	1,610.05	3/4	1,971.52	3/4	2,333.00	3/4	2,694.46	3/4	3,055.81	3/4	3,417.15
6	176.91	6	533.64	6	895.11	6	1,256.10	6	1,617.58	6	1,979.06	6	2,340.53	6	2,701.99	6	3,063.33	6	3,424.68
1/4	184.31	1/4	541.18	1/4	902.64	1/4	1,263.63	1/4	1,625.11	1/4	1,986.59	1/4	2,348.06	1/4	2,709.51	1/4	3,070.86	1/4	3,432.21
1/2	191.71	1/2	548.71	1/2	910.17	1/2	1,271.16	1/2	1,632.64	1/2	1,994.12	1/2	2,355.60	1/2	2,717.04	1/2	3,078.39	1/2	3,439.74
3/4	199.11	3/4	556.24	3/4	917.70	3/4	1,278.69	3/4	1,640.17	3/4	2,001.65	3/4	2,363.13	3/4	2,724.57	3/4	3,085.92	3/4	3,447.27
7	206.51	7	563.77	7	925.23	7	1,286.22	7	1,647.70	7	2,009.18	7	2,370.66	7	2,732.10	7	3,093.45	7	3,454.80
1/4	213.89	1/4	571.30	1/4	932.75	1/4	1,293.75	1/4	1,655.23	1/4	2,016.71	1/4	2,378.19	1/4	2,739.63	1/4	3,100.97	1/4	3,462.32
1/2	221.27	1/2	578.83	1/2	940.27	1/2	1,301.28	1/2	1,662.76	1/2	2,024.24	1/2	2,385.72	1/2	2,747.15	1/2	3,108.50	1/2	3,469.85
3/4	228.66	3/4	586.36	3/4	947.79	3/4	1,308.81	3/4	1,670.29	3/4	2,031.77	3/4	2,393.25	3/4	2,754.68	3/4	3,116.03	3/4	3,477.38
8	236.04	8	593.89	8	955.31	8	1,316.34	8	1,677.82	8	2,039.30	8	2,400.78	8	2,762.21	8	3,123.56	8	3,484.91
1/4	243.42	1/4	601.42	1/4	962.83	1/4	1,323.88	1/4	1,685.35	1/4	2,046.83	1/4	2,408.31	1/4	2,769.74	1/4	3,131.09	1/4	3,492.44
1/2	250.80	1/2	608.95	1/2	970.35	1/2	1,331.41	1/2	1,692.88	1/2	2,054.36	1/2	2,415.84	1/2	2,777.27	1/2	3,138.62	1/2	3,499.96
3/4	258.19	3/4	616.48	3/4	977.87	3/4	1,338.94	3/4	1,700.42	3/4	2,061.89	3/4	2,423.37	3/4	2,784.79	3/4	3,146.14	3/4	3,507.49
9	265.57	9	624.01	9	985.39	9	1,346.47	9	1,707.95	9	2,069.42	9	2,430.90	9	2,792.32	9	3,153.67	9	3,515.02
1/4	272.95	1/4	631.54	1/4	992.91	1/4	1,354.00	1/4	1,715.48	1/4	2,076.96	1/4	2,438.43	1/4	2,799.85	1/4	3,161.20	1/4	3,522.55
1/2	280.34	1/2	639.07	1/2	1,000.42	1/2	1,361.53	1/2	1,723.01	1/2	2,084.49	1/2	2,445.96	1/2	2,807.38	1/2	3,168.73	1/2	3,530.08
3/4	287.72	3/4	646.60	3/4	1,007.94	3/4	1,369.06	3/4	1,730.54	3/4	2,092.02	3/4	2,453.50	3/4	2,814.91	3/4	3,176.26	3/4	3,537.60
10	295.10	10	654.13	10	1,015.46	10	1,376.59	10	1,738.07	10	2,099.55	10	2,461.03	10	2,822.44	10	3,183.78	10	3,545.13
1/4	302.48	1/4	661.66	1/4	1,022.98	1/4	1,384.12	1/4	1,745.60	1/4	2,107.08	1/4	2,468.56	1/4	2,829.96	1/4	3,191.31	1/4	3,552.66
1/2	309.87	1/2	669.19	1/2	1,030.50	1/2	1,391.65	1/2	1,753.13	1/2	2,114.61	1/2	2,476.09	1/2	2,837.49	1/2	3,198.84	1/2	3,560.19
3/4	317.25	3/4	676.72	3/4	1,038.02	3/4	1,399.18	3/4	1,760.66	3/4	2,122.14	3/4	2,483.62	3/4	2,845.02	3/4	3,206.37	3/4	3,567.72
11	324.63	11	684.25	11	1,045.54	11	1,406.71	11	1,768.19	11	2,129.67	11	2,491.15	11	2,852.55	11	3,213.90	11	3,575.25
1/4	332.02	1/4	691.79	1/4	1,053.05	1/4	1,414.25	1/4	1,775.72	1/4	2,137.20	1/4	2,498.68	1/4	2,860.08	1/4	3,221.42	1/4	3,582.77
1/2	339.40	1/2	699.32	1/2	1,060.57	1/2	1,421.78	1/2	1,783.25	1/2	2,144.73	1/2	2,506.21	1/2	2,867.60	1/2	3,228.95	1/2	3,590.30
3/4	346.78	3/4	706.85	3/4	1,068.09	3/4	1,429.31	3/4	1,790.79	3/4	2,152.26	3/4	2,513.74	3/4	2,875.13	3/4	3,236.48	3/4	3,597.83

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THE TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "GM 2002"

2 PORT

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,605.36	0	3,966.71	0	4,327.35	0	4,674.62	0	5,003.64	0		0		0		0		0	
1/4	3,612.89	1/4	3,974.23	1/4	4,334.76	1/4	4,681.65	1/4	5,011.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,620.41	1/2	3,981.76	1/2	4,342.17	1/2	4,688.68	1/2	5,018.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,627.94	3/4	3,989.29	3/4	4,349.58	3/4	4,695.71	3/4	5,025.78	3/4		3/4		3/4		3/4		3/4	
1	3,635.47	1	3,996.82	1	4,356.98	1	4,702.74	1	5,033.15	1		1		1		1		1	
1/4	3,643.00	1/4	4,004.35	1/4	4,364.36	1/4	4,709.71	1/4	5,040.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,650.53	1/2	4,011.87	1/2	4,371.74	1/2	4,716.68	1/2	5,048.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,658.05	3/4	4,019.40	3/4	4,379.12	3/4	4,723.65	3/4	5,055.44	3/4		3/4		3/4		3/4		3/4	
2	3,665.58	2	4,026.93	2	4,386.50	2	4,730.62	2	5,062.87	2		2		2		2		2	
1/4	3,673.11	1/4	4,034.46	1/4	4,393.84	1/4	4,737.56	1/4	5,070.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,680.64	1/2	4,041.99	1/2	4,401.19	1/2	4,744.49	1/2	5,077.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,688.17	3/4	4,049.52	3/4	4,408.54	3/4	4,751.43	3/4	5,085.16	3/4		3/4		3/4		3/4		3/4	
3	3,695.69	3	4,057.04	3	4,415.89	3	4,758.36	3	5,092.59	3		3		3		3		3	
1/4	3,703.22	1/4	4,064.57	1/4	4,423.20	1/4	4,765.27	1/4	5,100.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,710.75	1/2	4,072.10	1/2	4,430.52	1/2	4,772.17	1/2	5,107.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,718.28	3/4	4,079.63	3/4	4,437.83	3/4	4,779.08	3/4	5,114.88	3/4		3/4		3/4		3/4		3/4	
4	3,725.81	4	4,087.16	4	4,445.15	4	4,785.99	4	5,122.31	4		4		4		4		4	
1/4	3,733.34	1/4	4,094.68	1/4	4,452.43	1/4	4,792.86	1/4	5,129.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,740.86	1/2	4,102.21	1/2	4,459.71	1/2	4,799.73	1/2	5,137.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,748.39	3/4	4,109.74	3/4	4,466.99	3/4	4,806.60	3/4	5,144.60	3/4		3/4		3/4		3/4		3/4	
5	3,755.92	5	4,117.27	5	4,474.27	5	4,813.48	5	5,152.03	5		5		5		5		5	
1/4	3,763.45	1/4	4,124.80	1/4	4,481.52	1/4	4,820.31	1/4	5,159.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,770.98	1/2	4,132.32	1/2	4,488.77	1/2	4,827.15	1/2	5,166.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,778.50	3/4	4,139.85	3/4	4,496.02	3/4	4,833.99	3/4	5,173.91	3/4		3/4		3/4		3/4		3/4	
6	3,786.03	6	4,147.38	6	4,503.27	6	4,840.83	6	5,181.20	6		6		6		6		6	
1/4	3,793.56	1/4	4,154.91	1/4	4,510.49	1/4	4,847.64	1/4	5,187.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,801.09	1/2	4,162.44	1/2	4,517.71	1/2	4,854.45	1/2	5,193.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,808.62	3/4	4,169.96	3/4	4,524.93	3/4	4,861.25	3/4	5,200.14	3/4		3/4		3/4		3/4		3/4	
7	3,816.14	7	4,177.49	7	4,532.15	7	4,868.06	7	5,206.45	7		7		7		7		7	
1/4	3,823.67	1/4	4,185.02	1/4	4,539.34	1/4	4,874.84	1/4	5,211.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,831.20	1/2	4,192.55	1/2	4,546.53	1/2	4,881.62	1/2	5,216.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,838.73	3/4	4,200.08	3/4	4,553.71	3/4	4,888.40	3/4	5,221.75	3/4		3/4		3/4		3/4		3/4	
8	3,846.26	8	4,207.61	8	4,560.90	8	4,895.17	8	5,226.85	8		8		8		8		8	
1/4	3,853.78	1/4	4,215.13	1/4	4,568.05	1/4	4,901.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,861.31	1/2	4,222.65	1/2	4,575.21	1/2	4,908.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,868.84	3/4	4,230.17	3/4	4,582.36	3/4	4,915.42	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,876.37	9	4,237.69	9	4,589.51	9	4,922.17	9		9		9		9		9		9	
1/4	3,883.90	1/4	4,245.19	1/4	4,596.63	1/4	4,928.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,891.43	1/2	4,252.70	1/2	4,603.76	1/2	4,935.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,898.95	3/4	4,260.20	3/4	4,610.88	3/4	4,942.32	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,906.48	10	4,267.71	10	4,618.00	10	4,949.03	10		10		10		10		10		10	
1/4	3,914.01	1/4	4,275.18	1/4	4,625.10	1/4	4,955.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,921.54	1/2	4,282.65	1/2	4,632.19	1/2	4,962.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,929.07	3/4	4,290.12	3/4	4,639.28	3/4	4,969.08	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,936.59	11	4,297.60	11	4,646.37	11	4,975.77	11		11		11		11		11		11	
1/4	3,944.12	1/4	4,305.04	1/4	4,653.44	1/4	4,982.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,951.65	1/2	4,312.47	1/2	4,660.50	1/2	4,989.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,959.18	3/4	4,319.91	3/4	4,667.56	3/4	4,996.67	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2014 CL
CALCULATED: 05/15/2014 CL
PRINTED: 05/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "GM 2002"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

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	21.32	0	354.21	0	714.47	0	1,067.97	0	1,421.14	0	1,782.66	0	2,144.19	0	2,505.72	0	2,865.43	0	3,226.83
1/4	25.54	1/4	361.60	1/4	722.00	1/4	1,075.16	1/4	1,428.67	1/4	1,790.20	1/4	2,151.72	1/4	2,513.25	1/4	2,872.96	1/4	3,234.35
1/2	29.77	1/2	368.98	1/2	729.53	1/2	1,082.35	1/2	1,436.20	1/2	1,797.73	1/2	2,159.25	1/2	2,520.78	1/2	2,880.49	1/2	3,241.88
3/4	33.99	3/4	376.36	3/4	737.06	3/4	1,089.54	3/4	1,443.73	3/4	1,805.26	3/4	2,166.79	3/4	2,528.31	3/4	2,888.02	3/4	3,249.41
1	38.21	1	383.75	1	744.59	1	1,096.72	1	1,451.26	1	1,812.79	1	2,174.32	1	2,535.84	1	2,895.55	1	3,256.94
1/4	43.69	1/4	391.13	1/4	752.13	1/4	1,103.91	1/4	1,458.80	1/4	1,820.32	1/4	2,181.85	1/4	2,543.38	1/4	2,903.08	1/4	3,264.47
1/2	49.16	1/2	398.52	1/2	759.66	1/2	1,111.10	1/2	1,466.33	1/2	1,827.85	1/2	2,189.38	1/2	2,550.91	1/2	2,910.61	1/2	3,272.00
3/4	54.64	3/4	405.90	3/4	767.19	3/4	1,118.29	3/4	1,473.86	3/4	1,835.39	3/4	2,196.91	3/4	2,558.44	3/4	2,918.14	3/4	3,279.53
2	60.12	2	413.28	2	774.72	2	1,125.48	2	1,481.39	2	1,842.92	2	2,204.44	2	2,565.97	2	2,925.67	2	3,287.06
1/4	66.85	1/4	420.80	1/4	782.25	1/4	1,132.67	1/4	1,488.92	1/4	1,850.45	1/4	2,211.98	1/4	2,573.50	1/4	2,933.19	1/4	3,294.59
1/2	73.58	1/2	428.31	1/2	789.78	1/2	1,139.86	1/2	1,496.46	1/2	1,857.98	1/2	2,219.51	1/2	2,581.03	1/2	2,940.72	1/2	3,302.12
3/4	80.31	3/4	435.82	3/4	797.32	3/4	1,147.05	3/4	1,503.99	3/4	1,865.51	3/4	2,227.04	3/4	2,588.57	3/4	2,948.25	3/4	3,309.64
3	87.04	3	443.33	3	804.85	3	1,154.23	3	1,511.52	3	1,873.05	3	2,234.57	3	2,596.10	3	2,955.78	3	3,317.17
1/4	94.48	1/4	450.87	1/4	812.38	1/4	1,161.42	1/4	1,519.05	1/4	1,880.58	1/4	2,242.10	1/4	2,603.63	1/4	2,963.31	1/4	3,324.70
1/2	101.92	1/2	458.40	1/2	819.91	1/2	1,168.61	1/2	1,526.58	1/2	1,888.11	1/2	2,249.64	1/2	2,611.15	1/2	2,970.84	1/2	3,332.23
3/4	109.36	3/4	465.93	3/4	827.44	3/4	1,175.80	3/4	1,534.11	3/4	1,895.64	3/4	2,257.17	3/4	2,618.68	3/4	2,978.37	3/4	3,339.76
4	116.80	4	473.46	4	834.97	4	1,182.99	4	1,541.65	4	1,903.17	4	2,264.70	4	2,626.21	4	2,985.90	4	3,347.29
1/4	124.31	1/4	480.99	1/4	842.50	1/4	1,190.18	1/4	1,549.18	1/4	1,910.70	1/4	2,272.23	1/4	2,633.64	1/4	2,993.43	1/4	3,354.82
1/2	131.83	1/2	488.52	1/2	850.04	1/2	1,197.37	1/2	1,556.71	1/2	1,918.24	1/2	2,279.76	1/2	2,641.08	1/2	3,000.96	1/2	3,362.35
3/4	139.35	3/4	496.06	3/4	857.57	3/4	1,204.56	3/4	1,564.24	3/4	1,925.77	3/4	2,287.29	3/4	2,648.52	3/4	3,008.48	3/4	3,369.88
5	146.86	5	503.59	5	865.10	5	1,211.74	5	1,571.77	5	1,933.30	5	2,294.83	5	2,655.95	5	3,016.01	5	3,377.41
1/4	154.38	1/4	511.12	1/4	872.63	1/4	1,218.94	1/4	1,579.31	1/4	1,940.83	1/4	2,302.36	1/4	2,663.37	1/4	3,023.54	1/4	3,384.93
1/2	161.90	1/2	518.65	1/2	880.16	1/2	1,226.14	1/2	1,586.84	1/2	1,948.36	1/2	2,309.89	1/2	2,670.80	1/2	3,031.07	1/2	3,392.46
3/4	169.41	3/4	526.18	3/4	887.69	3/4	1,233.34	3/4	1,594.37	3/4	1,955.90	3/4	2,317.42	3/4	2,678.22	3/4	3,038.60	3/4	3,399.99
6	176.93	6	533.71	6	895.22	6	1,240.54	6	1,601.90	6	1,963.43	6	2,324.95	6	2,685.64	6	3,046.13	6	3,407.52
1/4	184.33	1/4	541.24	1/4	902.47	1/4	1,248.03	1/4	1,609.43	1/4	1,970.96	1/4	2,332.49	1/4	2,693.06	1/4	3,053.66	1/4	3,415.05
1/2	191.73	1/2	548.78	1/2	909.71	1/2	1,255.52	1/2	1,616.96	1/2	1,978.49	1/2	2,340.02	1/2	2,700.49	1/2	3,061.19	1/2	3,422.58
3/4	199.13	3/4	556.31	3/4	916.95	3/4	1,263.01	3/4	1,624.50	3/4	1,986.02	3/4	2,347.55	3/4	2,707.91	3/4	3,068.72	3/4	3,430.11
7	206.53	7	563.84	7	924.19	7	1,270.50	7	1,632.03	7	1,993.55	7	2,355.08	7	2,715.33	7	3,076.25	7	3,437.64
1/4	213.92	1/4	571.37	1/4	931.38	1/4	1,278.03	1/4	1,639.56	1/4	2,001.09	1/4	2,362.61	1/4	2,722.75	1/4	3,083.77	1/4	3,445.17
1/2	221.30	1/2	578.90	1/2	938.57	1/2	1,285.57	1/2	1,647.09	1/2	2,008.62	1/2	2,370.14	1/2	2,730.18	1/2	3,091.30	1/2	3,452.70
3/4	228.68	3/4	586.43	3/4	945.76	3/4	1,293.10	3/4	1,654.62	3/4	2,016.15	3/4	2,377.68	3/4	2,737.60	3/4	3,098.83	3/4	3,460.22
8	236.07	8	593.96	8	952.95	8	1,300.63	8	1,662.16	8	2,023.68	8	2,385.21	8	2,745.02	8	3,106.36	8	3,467.75
1/4	243.45	1/4	601.50	1/4	960.14	1/4	1,308.16	1/4	1,669.69	1/4	2,031.21	1/4	2,392.74	1/4	2,752.54	1/4	3,113.89	1/4	3,475.28
1/2	250.84	1/2	609.03	1/2	967.33	1/2	1,315.69	1/2	1,677.22	1/2	2,038.75	1/2	2,400.27	1/2	2,760.05	1/2	3,121.42	1/2	3,482.81
3/4	258.22	3/4	616.56	3/4	974.52	3/4	1,323.22	3/4	1,684.75	3/4	2,046.28	3/4	2,407.80	3/4	2,767.57	3/4	3,128.95	3/4	3,490.34
9	265.60	9	624.09	9	981.71	9	1,330.76	9	1,692.28	9	2,053.81	9	2,415.34	9	2,775.09	9	3,136.48	9	3,497.87
1/4	272.99	1/4	631.62	1/4	988.89	1/4	1,338.29	1/4	1,699.81	1/4	2,061.34	1/4	2,422.87	1/4	2,782.61	1/4	3,144.01	1/4	3,505.40
1/2	280.37	1/2	639.15	1/2	996.08	1/2	1,345.82	1/2	1,707.35	1/2	2,068.87	1/2	2,430.40	1/2	2,790.14	1/2	3,151.54	1/2	3,512.93
3/4	287.76	3/4	646.69	3/4	1,003.27	3/4	1,353.35	3/4	1,714.88	3/4	2,076.40	3/4	2,437.93	3/4	2,797.67	3/4	3,159.06	3/4	3,520.46
10	295.14	10	654.22	10	1,010.46	10	1,360.88	10	1,722.41	10	2,083.94	10	2,445.46	10	2,805.20	10	3,166.59	10	3,527.99
1/4	302.52	1/4	661.75	1/4	1,017.65	1/4	1,368.41	1/4	1,729.94	1/4	2,091.47	1/4	2,452.99	1/4	2,812.73	1/4	3,174.12	1/4	3,535.51
1/2	309.91	1/2	669.28	1/2	1,024.84	1/2	1,375.95	1/2	1,737.47	1/2	2,099.00	1/2	2,460.53	1/2	2,820.26	1/2	3,181.65	1/2	3,543.04
3/4	317.29	3/4	676.81	3/4	1,032.03	3/4	1,383.48	3/4	1,745.00	3/4	2,106.53	3/4	2,468.06	3/4	2,827.79	3/4	3,189.18	3/4	3,550.57
11	324.68	11	684.34	11	1,039.22	11	1,391.01	11	1,752.54	11	2,114.06	11	2,475.59	11	2,835.32	11	3,196.71	11	3,558.10
1/4	332.06	1/4	691.87	1/4	1,046.40	1/4	1,398.54	1/4	1,760.07	1/4	2,121.59	1/4	2,483.12	1/4	2,842.85	1/4	3,204.24	1/4	3,565.63
1/2	339.44	1/2	699.41	1/2	1,053.59	1/2	1,406.07	1/2	1,767.60	1/2	2,129.13	1/2	2,490.65	1/2	2,850.38	1/2	3,211.77	1/2	3,573.16
3/4	346.83	3/4	706.94	3/4	1,060.78	3/4	1,413.61	3/4	1,775.13	3/4	2,136.66	3/4	2,498.18	3/4	2,857.90	3/4	3,219.30	3/4	3,580.69

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THE TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "GM 2002"

2 STBD

INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,588.22	0	3,949.61	0	4,310.30	0	4,657.62	0	4,986.70	0		0		0		0		0	
1/4	3,595.75	1/4	3,957.14	1/4	4,317.71	1/4	4,664.65	1/4	4,994.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.28	1/2	3,964.67	1/2	4,325.12	1/2	4,671.68	1/2	5,001.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,610.80	3/4	3,972.20	3/4	4,332.53	3/4	4,678.71	3/4	5,008.83	3/4		3/4		3/4		3/4		3/4	
1	3,618.33	1	3,979.73	1	4,339.94	1	4,685.74	1	5,016.21	1		1		1		1		1	
1/4	3,625.86	1/4	3,987.25	1/4	4,347.32	1/4	4,692.72	1/4	5,023.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,633.39	1/2	3,994.78	1/2	4,354.70	1/2	4,699.69	1/2	5,031.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,640.92	3/4	4,002.31	3/4	4,362.08	3/4	4,706.66	3/4	5,038.50	3/4		3/4		3/4		3/4		3/4	
2	3,648.45	2	4,009.84	2	4,369.46	2	4,713.63	2	5,045.93	2		2		2		2		2	
1/4	3,655.98	1/4	4,017.37	1/4	4,376.81	1/4	4,720.57	1/4	5,053.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,663.51	1/2	4,024.90	1/2	4,384.15	1/2	4,727.50	1/2	5,060.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.04	3/4	4,032.43	3/4	4,391.50	3/4	4,734.44	3/4	5,068.23	3/4		3/4		3/4		3/4		3/4	
3	3,678.57	3	4,039.96	3	4,398.85	3	4,741.38	3	5,075.66	3		3		3		3		3	
1/4	3,686.09	1/4	4,047.49	1/4	4,406.17	1/4	4,748.28	1/4	5,083.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.62	1/2	4,055.02	1/2	4,413.48	1/2	4,755.19	1/2	5,090.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,701.15	3/4	4,062.54	3/4	4,420.80	3/4	4,762.10	3/4	5,097.95	3/4		3/4		3/4		3/4		3/4	
4	3,708.68	4	4,070.07	4	4,428.12	4	4,769.00	4	5,105.38	4		4		4		4		4	
1/4	3,716.21	1/4	4,077.60	1/4	4,435.40	1/4	4,775.88	1/4	5,112.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.74	1/2	4,085.13	1/2	4,442.68	1/2	4,782.75	1/2	5,120.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,731.27	3/4	4,092.66	3/4	4,449.96	3/4	4,789.62	3/4	5,127.67	3/4		3/4		3/4		3/4		3/4	
5	3,738.80	5	4,100.19	5	4,457.24	5	4,796.50	5	5,135.10	5		5		5		5		5	
1/4	3,746.33	1/4	4,107.72	1/4	4,464.49	1/4	4,803.34	1/4	5,142.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,753.86	1/2	4,115.25	1/2	4,471.74	1/2	4,810.18	1/2	5,149.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,761.38	3/4	4,122.78	3/4	4,479.00	3/4	4,817.02	3/4	5,156.98	3/4		3/4		3/4		3/4		3/4	
6	3,768.91	6	4,130.31	6	4,486.25	6	4,823.86	6	5,164.28	6		6		6		6		6	
1/4	3,776.44	1/4	4,137.83	1/4	4,493.47	1/4	4,830.67	1/4	5,170.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,783.97	1/2	4,145.36	1/2	4,500.69	1/2	4,837.47	1/2	5,176.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,791.50	3/4	4,152.89	3/4	4,507.91	3/4	4,844.28	3/4	5,183.21	3/4		3/4		3/4		3/4		3/4	
7	3,799.03	7	4,160.42	7	4,515.13	7	4,851.09	7	5,189.53	7		7		7		7		7	
1/4	3,806.56	1/4	4,167.95	1/4	4,522.32	1/4	4,857.87	1/4	5,194.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,814.09	1/2	4,175.48	1/2	4,529.51	1/2	4,864.65	1/2	5,199.73	1/2		1/2		1/2		1/2		1/2	
3/4	3,821.62	3/4	4,183.01	3/4	4,536.70	3/4	4,871.43	3/4	5,204.83	3/4		3/4		3/4		3/4		3/4	
8	3,829.15	8	4,190.54	8	4,543.88	8	4,878.21	8	5,209.93	8		8		8		8		8	
1/4	3,836.67	1/4	4,198.06	1/4	4,551.04	1/4	4,884.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,844.20	1/2	4,205.58	1/2	4,558.19	1/2	4,891.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,851.73	3/4	4,213.11	3/4	4,565.35	3/4	4,898.46	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,859.26	9	4,220.63	9	4,572.50	9	4,905.21	9		9		9		9		9		9	
1/4	3,866.79	1/4	4,228.14	1/4	4,579.62	1/4	4,911.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,874.32	1/2	4,235.64	1/2	4,586.75	1/2	4,918.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,881.85	3/4	4,243.15	3/4	4,593.87	3/4	4,925.36	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,889.38	10	4,250.65	10	4,601.00	10	4,932.08	10		10		10		10		10		10	
1/4	3,896.91	1/4	4,258.13	1/4	4,608.09	1/4	4,938.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,904.44	1/2	4,265.60	1/2	4,615.18	1/2	4,945.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,911.96	3/4	4,273.07	3/4	4,622.28	3/4	4,952.13	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,919.49	11	4,280.55	11	4,629.37	11	4,958.81	11		11		11		11		11		11	
1/4	3,927.02	1/4	4,287.99	1/4	4,636.43	1/4	4,965.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,934.55	1/2	4,295.43	1/2	4,643.50	1/2	4,972.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,942.08	3/4	4,302.87	3/4	4,650.56	3/4	4,979.73	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2014 CL
CALCULATED: 05/15/2014 CL
PRINTED: 05/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "GM 2002"

3 PORT

INNAGE 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	21.23	0	352.59	0	711.20	0	1,070.86	0	1,430.58	0	1,790.46	0	2,150.31	0	2,510.11	0	2,869.71	0	3,228.44
1/4	25.43	1/4	359.94	1/4	718.70	1/4	1,078.35	1/4	1,438.08	1/4	1,797.96	1/4	2,157.81	1/4	2,517.61	1/4	2,877.19	1/4	3,235.88
1/2	29.64	1/2	367.29	1/2	726.20	1/2	1,085.84	1/2	1,445.57	1/2	1,805.46	1/2	2,165.30	1/2	2,525.10	1/2	2,884.68	1/2	3,243.33
3/4	33.84	3/4	374.64	3/4	733.69	3/4	1,093.33	3/4	1,453.07	3/4	1,812.96	3/4	2,172.80	3/4	2,532.60	3/4	2,892.16	3/4	3,250.78
1	38.04	1	381.99	1	741.19	1	1,100.82	1	1,460.57	1	1,820.45	1	2,180.30	1	2,540.09	1	2,899.64	1	3,258.23
1/4	43.49	1/4	389.34	1/4	748.69	1/4	1,108.30	1/4	1,468.07	1/4	1,827.95	1/4	2,187.79	1/4	2,547.59	1/4	2,907.12	1/4	3,265.67
1/2	48.94	1/2	396.69	1/2	756.19	1/2	1,115.79	1/2	1,475.56	1/2	1,835.45	1/2	2,195.29	1/2	2,555.09	1/2	2,914.60	1/2	3,273.12
3/4	54.40	3/4	404.04	3/4	763.68	3/4	1,123.28	3/4	1,483.06	3/4	1,842.95	3/4	2,202.78	3/4	2,562.58	3/4	2,922.08	3/4	3,280.57
2	59.85	2	411.39	2	771.18	2	1,130.77	2	1,490.56	2	1,850.44	2	2,210.28	2	2,570.08	2	2,929.57	2	3,288.02
1/4	66.55	1/4	418.86	1/4	778.68	1/4	1,138.26	1/4	1,498.06	1/4	1,857.94	1/4	2,217.77	1/4	2,577.57	1/4	2,937.05	1/4	3,295.46
1/2	73.25	1/2	426.34	1/2	786.18	1/2	1,145.74	1/2	1,505.56	1/2	1,865.44	1/2	2,225.27	1/2	2,585.07	1/2	2,944.53	1/2	3,302.91
3/4	79.95	3/4	433.82	3/4	793.67	3/4	1,153.23	3/4	1,513.05	3/4	1,872.94	3/4	2,232.77	3/4	2,592.56	3/4	2,952.01	3/4	3,310.36
3	86.65	3	441.30	3	801.17	3	1,160.72	3	1,520.55	3	1,880.43	3	2,240.26	3	2,600.06	3	2,959.49	3	3,317.81
1/4	94.06	1/4	448.80	1/4	808.67	1/4	1,168.21	1/4	1,528.05	1/4	1,887.93	1/4	2,247.76	1/4	2,607.55	1/4	2,966.97	1/4	3,325.27
1/2	101.46	1/2	456.29	1/2	816.17	1/2	1,175.70	1/2	1,535.55	1/2	1,895.43	1/2	2,255.25	1/2	2,615.05	1/2	2,974.46	1/2	3,332.73
3/4	108.86	3/4	463.79	3/4	823.66	3/4	1,183.19	3/4	1,543.04	3/4	1,902.93	3/4	2,262.75	3/4	2,622.54	3/4	2,981.94	3/4	3,340.19
4	116.27	4	471.29	4	831.16	4	1,190.67	4	1,550.54	4	1,910.43	4	2,270.25	4	2,630.03	4	2,989.42	4	3,347.65
1/4	123.75	1/4	478.79	1/4	838.66	1/4	1,198.17	1/4	1,558.04	1/4	1,917.92	1/4	2,277.74	1/4	2,637.53	1/4	2,996.90	1/4	3,355.11
1/2	131.23	1/2	486.28	1/2	846.15	1/2	1,205.66	1/2	1,565.54	1/2	1,925.42	1/2	2,285.24	1/2	2,645.02	1/2	3,004.38	1/2	3,362.58
3/4	138.72	3/4	493.78	3/4	853.65	3/4	1,213.15	3/4	1,573.03	3/4	1,932.92	3/4	2,292.73	3/4	2,652.52	3/4	3,011.86	3/4	3,370.04
5	146.20	5	501.28	5	861.15	5	1,220.65	5	1,580.53	5	1,940.42	5	2,300.23	5	2,660.01	5	3,019.35	5	3,377.50
1/4	153.68	1/4	508.78	1/4	868.65	1/4	1,228.14	1/4	1,588.03	1/4	1,947.91	1/4	2,307.72	1/4	2,667.51	1/4	3,026.83	1/4	3,384.96
1/2	161.16	1/2	516.27	1/2	876.14	1/2	1,235.64	1/2	1,595.53	1/2	1,955.41	1/2	2,315.22	1/2	2,675.00	1/2	3,034.31	1/2	3,392.43
3/4	168.65	3/4	523.77	3/4	883.64	3/4	1,243.14	3/4	1,603.02	3/4	1,962.91	3/4	2,322.72	3/4	2,682.49	3/4	3,041.79	3/4	3,399.89
6	176.13	6	531.27	6	891.14	6	1,250.64	6	1,610.52	6	1,970.41	6	2,330.21	6	2,689.99	6	3,049.27	6	3,407.35
1/4	183.49	1/4	538.77	1/4	898.63	1/4	1,258.13	1/4	1,618.02	1/4	1,977.90	1/4	2,337.71	1/4	2,697.48	1/4	3,056.75	1/4	3,414.82
1/2	190.86	1/2	546.26	1/2	906.12	1/2	1,265.63	1/2	1,625.52	1/2	1,985.40	1/2	2,345.20	1/2	2,704.98	1/2	3,064.23	1/2	3,422.28
3/4	198.23	3/4	553.76	3/4	913.61	3/4	1,273.13	3/4	1,633.01	3/4	1,992.90	3/4	2,352.70	3/4	2,712.47	3/4	3,071.72	3/4	3,429.74
7	205.59	7	561.26	7	921.10	7	1,280.63	7	1,640.51	7	2,000.40	7	2,360.20	7	2,719.97	7	3,079.20	7	3,437.21
1/4	212.94	1/4	568.75	1/4	928.59	1/4	1,288.12	1/4	1,648.01	1/4	2,007.89	1/4	2,367.69	1/4	2,727.46	1/4	3,086.68	1/4	3,444.67
1/2	220.29	1/2	576.25	1/2	936.08	1/2	1,295.62	1/2	1,655.51	1/2	2,015.39	1/2	2,375.19	1/2	2,734.96	1/2	3,094.16	1/2	3,452.13
3/4	227.64	3/4	583.75	3/4	943.57	3/4	1,303.12	3/4	1,663.00	3/4	2,022.89	3/4	2,382.68	3/4	2,742.45	3/4	3,101.64	3/4	3,459.59
8	234.99	8	591.25	8	951.05	8	1,310.62	8	1,670.50	8	2,030.39	8	2,390.18	8	2,749.94	8	3,109.12	8	3,467.06
1/4	242.34	1/4	598.74	1/4	958.54	1/4	1,318.12	1/4	1,678.00	1/4	2,037.88	1/4	2,397.67	1/4	2,757.44	1/4	3,116.61	1/4	3,474.52
1/2	249.69	1/2	606.24	1/2	966.03	1/2	1,325.61	1/2	1,685.50	1/2	2,045.37	1/2	2,405.17	1/2	2,764.94	1/2	3,124.09	1/2	3,481.98
3/4	257.04	3/4	613.74	3/4	973.52	3/4	1,333.11	3/4	1,693.00	3/4	2,052.87	3/4	2,412.67	3/4	2,772.43	3/4	3,131.57	3/4	3,489.45
9	264.39	9	621.24	9	981.01	9	1,340.61	9	1,700.49	9	2,060.36	9	2,420.16	9	2,779.93	9	3,139.05	9	3,496.91
1/4	271.74	1/4	628.73	1/4	988.49	1/4	1,348.11	1/4	1,707.99	1/4	2,067.86	1/4	2,427.66	1/4	2,787.41	1/4	3,146.50	1/4	3,501.37
1/2	279.09	1/2	636.23	1/2	995.98	1/2	1,355.60	1/2	1,715.49	1/2	2,075.35	1/2	2,435.15	1/2	2,794.89	1/2	3,153.95	1/2	3,505.84
3/4	286.44	3/4	643.73	3/4	1,003.47	3/4	1,363.10	3/4	1,722.99	3/4	2,082.85	3/4	2,442.65	3/4	2,802.38	3/4	3,161.41	3/4	3,510.30
10	293.79	10	651.22	10	1,010.96	10	1,370.60	10	1,730.48	10	2,090.35	10	2,450.14	10	2,809.86	10	3,168.86	10	3,514.77
1/4	301.14	1/4	658.72	1/4	1,018.45	1/4	1,378.10	1/4	1,737.98	1/4	2,097.84	1/4	2,457.64	1/4	2,817.34	1/4	3,176.30	1/4	3,518.80
1/2	308.49	1/2	666.22	1/2	1,025.94	1/2	1,385.59	1/2	1,745.48	1/2	2,105.34	1/2	2,465.14	1/2	2,824.82	1/2	3,183.75	1/2	3,522.84
3/4	315.84	3/4	673.72	3/4	1,033.42	3/4	1,393.09	3/4	1,752.98	3/4	2,112.83	3/4	2,472.63	3/4	2,832.31	3/4	3,191.20	3/4	3,526.88
11	323.19	11	681.21	11	1,040.91	11	1,400.59	11	1,760.47	11	2,120.33	11	2,480.13	11	2,839.79	11	3,198.65	11	3,530.91
1/4	330.54	1/4	688.71	1/4	1,048.40	1/4	1,408.09	1/4	1,767.97	1/4	2,127.83	1/4	2,487.62	1/4	2,847.27	1/4	3,206.09	1/4	3,534.95
1/2	337.89	1/2	696.21	1/2	1,055.89	1/2	1,415.58	1/2	1,775.47	1/2	2,135.32	1/2	2,495.12	1/2	2,854.75	1/2	3,213.54	1/2	3,538.99
3/4	345.24	3/4	703.71	3/4	1,063.38	3/4	1,423.08	3/4	1,782.97	3/4	2,142.82	3/4	2,502.62	3/4	2,862.23	3/4	3,220.99	3/4	3,543.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO THE TOP LIP OF 2" HERMETIC 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 2002"

3 PORT

INNAGE 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	3,547.06	0	3,740.81	0	3,933.87	0	4,113.60	0	4,275.88	0		0		0		0		0	
1/4	3,551.10	1/4	3,744.84	1/4	3,937.78	1/4	4,117.14	1/4	4,279.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,555.13	1/2	3,748.88	1/2	3,941.70	1/2	4,120.68	1/2	4,283.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,559.17	3/4	3,752.92	3/4	3,945.62	3/4	4,124.22	3/4	4,287.68	3/4		3/4		3/4		3/4		3/4	
1	3,563.21	1	3,756.95	1	3,949.53	1	4,127.76	1	4,291.61	1		1		1		1		1	
1/4	3,567.24	1/4	3,760.99	1/4	3,953.42	1/4	4,131.26	1/4	4,295.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,571.28	1/2	3,765.03	1/2	3,957.31	1/2	4,134.75	1/2	4,299.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.31	3/4	3,769.06	3/4	3,961.20	3/4	4,138.24	3/4	4,303.56	3/4		3/4		3/4		3/4		3/4	
2	3,579.35	2	3,773.10	2	3,965.08	2	4,141.74	2	4,307.54	2		2		2		2		2	
1/4	3,583.39	1/4	3,777.13	1/4	3,968.94	1/4	4,145.20	1/4	4,311.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.42	1/2	3,781.17	1/2	3,972.80	1/2	4,148.66	1/2	4,315.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,591.46	3/4	3,785.21	3/4	3,976.65	3/4	4,152.12	3/4	4,319.49	3/4		3/4		3/4		3/4		3/4	
3	3,595.50	3	3,789.24	3	3,980.51	3	4,155.58	3	4,323.48	3		3		3		3		3	
1/4	3,599.53	1/4	3,793.28	1/4	3,984.34	1/4	4,159.01	1/4	4,327.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.57	1/2	3,797.32	1/2	3,988.16	1/2	4,162.44	1/2	4,331.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,607.61	3/4	3,801.35	3/4	3,991.98	3/4	4,165.87	3/4	4,335.43	3/4		3/4		3/4		3/4		3/4	
4	3,611.64	4	3,805.39	4	3,995.81	4	4,169.31	4	4,339.41	4		4		4		4		4	
1/4	3,615.68	1/4	3,809.43	1/4	3,999.60	1/4	4,172.70	1/4	4,343.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,619.71	1/2	3,813.46	1/2	4,003.39	1/2	4,176.10	1/2	4,347.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,623.75	3/4	3,817.50	3/4	4,007.18	3/4	4,179.50	3/4	4,351.36	3/4		3/4		3/4		3/4		3/4	
5	3,627.79	5	3,821.53	5	4,010.97	5	4,182.90	5	4,355.35	5		5		5		5		5	
1/4	3,631.82	1/4	3,825.57	1/4	4,014.73	1/4	4,186.26	1/4	4,359.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.86	1/2	3,829.61	1/2	4,018.49	1/2	4,189.63	1/2	4,363.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.90	3/4	3,833.64	3/4	4,022.25	3/4	4,192.99	3/4	4,366.89	3/4		3/4		3/4		3/4		3/4	
6	3,643.93	6	3,837.68	6	4,026.01	6	4,196.36	6	4,370.74	6		6		6		6		6	
1/4	3,647.97	1/4	3,841.72	1/4	4,029.74	1/4	4,199.69	1/4	4,373.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.01	1/2	3,845.75	1/2	4,033.47	1/2	4,203.02	1/2	4,376.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,656.04	3/4	3,849.79	3/4	4,037.20	3/4	4,206.36	3/4	4,379.36	3/4		3/4		3/4		3/4		3/4	
7	3,660.08	7	3,853.83	7	4,040.93	7	4,209.69	7	4,382.23	7		7		7		7		7	
1/4	3,664.12	1/4	3,857.86	1/4	4,044.63	1/4	4,213.00	1/4	4,383.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.15	1/2	3,861.90	1/2	4,048.32	1/2	4,216.30	1/2	4,385.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.19	3/4	3,865.94	3/4	4,052.02	3/4	4,219.60	3/4	4,387.19	3/4		3/4		3/4		3/4		3/4	
8	3,676.22	8	3,869.97	8	4,055.72	8	4,222.91	8	4,388.84	8		8		8		8		8	
1/4	3,680.26	1/4	3,874.00	1/4	4,059.38	1/4	4,226.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,684.30	1/2	3,878.04	1/2	4,063.04	1/2	4,229.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,688.33	3/4	3,882.07	3/4	4,066.71	3/4	4,232.73	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,692.37	9	3,886.10	9	4,070.37	9	4,236.01	9		9		9		9		9		9	
1/4	3,696.41	1/4	3,890.11	1/4	4,074.00	1/4	4,239.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,700.44	1/2	3,894.13	1/2	4,077.63	1/2	4,242.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,704.48	3/4	3,898.14	3/4	4,081.27	3/4	4,245.73	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,708.52	10	3,902.15	10	4,084.90	10	4,248.97	10		10		10		10		10		10	
1/4	3,712.55	1/4	3,906.13	1/4	4,088.50	1/4	4,252.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,716.59	1/2	3,910.12	1/2	4,092.11	1/2	4,255.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,720.62	3/4	3,914.10	3/4	4,095.71	3/4	4,258.59	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,724.66	11	3,918.08	11	4,099.31	11	4,261.80	11		11		11		11		11		11	
1/4	3,728.70	1/4	3,922.03	1/4	4,102.88	1/4	4,265.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,732.73	1/2	3,925.97	1/2	4,106.46	1/2	4,268.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.77	3/4	3,929.92	3/4	4,110.03	3/4	4,272.36	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2014 CL
CALCULATED: 05/15/2014 CL
PRINTED: 05/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "GM 2002"

3 STBD

INNAGE 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	21.23	0	352.03	0	710.03	0	1,057.76	0	1,410.45	0	1,769.09	0	2,128.23	0	2,487.30	0	2,844.49	0	3,202.32
1/4	25.43	1/4	359.36	1/4	717.52	1/4	1,064.91	1/4	1,417.87	1/4	1,776.57	1/4	2,135.71	1/4	2,494.79	1/4	2,851.96	1/4	3,209.75
1/2	29.63	1/2	366.70	1/2	725.00	1/2	1,072.06	1/2	1,425.29	1/2	1,784.05	1/2	2,143.19	1/2	2,502.27	1/2	2,859.43	1/2	3,217.19
3/4	33.83	3/4	374.04	3/4	732.49	3/4	1,079.21	3/4	1,432.71	3/4	1,791.54	3/4	2,150.67	3/4	2,509.75	3/4	2,866.89	3/4	3,224.62
1	38.04	1	381.37	1	739.97	1	1,086.35	1	1,440.13	1	1,799.02	1	2,158.15	1	2,517.23	1	2,874.36	1	3,232.05
1/4	43.48	1/4	388.71	1/4	747.46	1/4	1,093.50	1/4	1,447.55	1/4	1,806.50	1/4	2,165.63	1/4	2,524.71	1/4	2,881.82	1/4	3,239.48
1/2	48.92	1/2	396.05	1/2	754.94	1/2	1,100.65	1/2	1,454.97	1/2	1,813.98	1/2	2,173.11	1/2	2,532.19	1/2	2,889.28	1/2	3,246.92
3/4	54.36	3/4	403.39	3/4	762.42	3/4	1,107.80	3/4	1,462.39	3/4	1,821.47	3/4	2,180.59	3/4	2,539.67	3/4	2,896.74	3/4	3,254.35
2	59.80	2	410.72	2	769.91	2	1,114.94	2	1,469.81	2	1,828.95	2	2,188.07	2	2,547.15	2	2,904.20	2	3,261.78
1/4	66.48	1/4	418.19	1/4	777.39	1/4	1,122.09	1/4	1,477.29	1/4	1,836.43	1/4	2,195.55	1/4	2,554.63	1/4	2,911.66	1/4	3,269.21
1/2	73.16	1/2	425.66	1/2	784.88	1/2	1,129.24	1/2	1,484.76	1/2	1,843.91	1/2	2,203.03	1/2	2,562.11	1/2	2,919.12	1/2	3,276.65
3/4	79.84	3/4	433.12	3/4	792.36	3/4	1,136.39	3/4	1,492.24	3/4	1,851.40	3/4	2,210.51	3/4	2,569.59	3/4	2,926.58	3/4	3,284.08
3	86.52	3	440.59	3	799.85	3	1,143.53	3	1,499.71	3	1,858.88	3	2,218.00	3	2,577.07	3	2,934.04	3	3,291.51
1/4	93.91	1/4	448.07	1/4	807.09	1/4	1,150.93	1/4	1,507.20	1/4	1,866.36	1/4	2,225.48	1/4	2,584.55	1/4	2,941.50	1/4	3,298.96
1/2	101.30	1/2	455.56	1/2	814.32	1/2	1,158.32	1/2	1,514.68	1/2	1,873.84	1/2	2,232.96	1/2	2,592.03	1/2	2,948.96	1/2	3,306.40
3/4	108.69	3/4	463.04	3/4	821.56	3/4	1,165.72	3/4	1,522.16	3/4	1,881.33	3/4	2,240.44	3/4	2,599.51	3/4	2,956.42	3/4	3,313.85
4	116.08	4	470.53	4	828.80	4	1,173.11	4	1,529.64	4	1,888.81	4	2,247.92	4	2,606.99	4	2,963.87	4	3,321.30
1/4	123.56	1/4	478.01	1/4	835.97	1/4	1,180.52	1/4	1,537.13	1/4	1,896.29	1/4	2,255.40	1/4	2,614.38	1/4	2,971.33	1/4	3,328.74
1/2	131.03	1/2	485.49	1/2	843.15	1/2	1,187.93	1/2	1,544.61	1/2	1,903.77	1/2	2,262.88	1/2	2,621.77	1/2	2,978.79	1/2	3,336.19
3/4	138.51	3/4	492.98	3/4	850.33	3/4	1,195.33	3/4	1,552.09	3/4	1,911.26	3/4	2,270.36	3/4	2,629.15	3/4	2,986.25	3/4	3,343.64
5	145.98	5	500.46	5	857.50	5	1,202.74	5	1,559.57	5	1,918.74	5	2,277.84	5	2,636.54	5	2,993.71	5	3,351.09
1/4	153.46	1/4	507.95	1/4	864.68	1/4	1,210.14	1/4	1,567.06	1/4	1,926.22	1/4	2,285.32	1/4	2,643.91	1/4	3,001.17	1/4	3,358.54
1/2	160.93	1/2	515.43	1/2	871.85	1/2	1,217.54	1/2	1,574.54	1/2	1,933.70	1/2	2,292.80	1/2	2,651.29	1/2	3,008.63	1/2	3,365.99
3/4	168.40	3/4	522.92	3/4	879.02	3/4	1,224.95	3/4	1,582.02	3/4	1,941.19	3/4	2,300.28	3/4	2,658.66	3/4	3,016.09	3/4	3,373.43
6	175.87	6	530.40	6	886.20	6	1,232.35	6	1,589.51	6	1,948.67	6	2,307.77	6	2,666.03	6	3,023.55	6	3,380.88
1/4	183.22	1/4	537.89	1/4	893.35	1/4	1,239.77	1/4	1,596.99	1/4	1,956.15	1/4	2,315.25	1/4	2,673.40	1/4	3,031.01	1/4	3,388.33
1/2	190.57	1/2	545.37	1/2	900.50	1/2	1,247.19	1/2	1,604.47	1/2	1,963.64	1/2	2,322.73	1/2	2,680.78	1/2	3,038.47	1/2	3,395.78
3/4	197.93	3/4	552.86	3/4	907.66	3/4	1,254.61	3/4	1,611.95	3/4	1,971.12	3/4	2,330.21	3/4	2,688.15	3/4	3,045.93	3/4	3,403.23
7	205.28	7	560.34	7	914.81	7	1,262.03	7	1,619.44	7	1,978.60	7	2,337.69	7	2,695.52	7	3,053.39	7	3,410.67
1/4	212.62	1/4	567.83	1/4	921.96	1/4	1,269.45	1/4	1,626.92	1/4	1,986.08	1/4	2,345.17	1/4	2,702.90	1/4	3,060.85	1/4	3,418.12
1/2	219.96	1/2	575.31	1/2	929.11	1/2	1,276.87	1/2	1,634.40	1/2	1,993.57	1/2	2,352.65	1/2	2,710.27	1/2	3,068.32	1/2	3,425.57
3/4	227.29	3/4	582.79	3/4	936.25	3/4	1,284.29	3/4	1,641.88	3/4	2,001.05	3/4	2,360.13	3/4	2,717.64	3/4	3,075.78	3/4	3,433.02
8	234.63	8	590.28	8	943.40	8	1,291.71	8	1,649.37	8	2,008.53	8	2,367.61	8	2,725.02	8	3,083.25	8	3,440.47
1/4	241.97	1/4	597.76	1/4	950.55	1/4	1,299.13	1/4	1,656.85	1/4	2,016.01	1/4	2,375.09	1/4	2,732.48	1/4	3,090.71	1/4	3,447.91
1/2	249.31	1/2	605.25	1/2	957.70	1/2	1,306.55	1/2	1,664.33	1/2	2,023.49	1/2	2,382.57	1/2	2,739.95	1/2	3,098.18	1/2	3,455.36
3/4	256.64	3/4	612.73	3/4	964.84	3/4	1,313.97	3/4	1,671.81	3/4	2,030.98	3/4	2,390.05	3/4	2,747.42	3/4	3,105.65	3/4	3,462.81
9	263.98	9	620.22	9	971.99	9	1,321.40	9	1,679.30	9	2,038.46	9	2,397.53	9	2,754.89	9	3,113.11	9	3,470.26
1/4	271.32	1/4	627.70	1/4	979.14	1/4	1,328.82	1/4	1,686.78	1/4	2,045.94	1/4	2,405.02	1/4	2,762.36	1/4	3,120.55	1/4	3,474.71
1/2	278.65	1/2	635.19	1/2	986.29	1/2	1,336.24	1/2	1,694.26	1/2	2,053.42	1/2	2,412.50	1/2	2,769.82	1/2	3,127.99	1/2	3,479.16
3/4	285.99	3/4	642.67	3/4	993.43	3/4	1,343.66	3/4	1,701.74	3/4	2,060.90	3/4	2,419.98	3/4	2,777.29	3/4	3,135.42	3/4	3,483.61
10	293.33	10	650.16	10	1,000.58	10	1,351.08	10	1,709.23	10	2,068.38	10	2,427.46	10	2,784.76	10	3,142.86	10	3,488.06
1/4	300.67	1/4	657.64	1/4	1,007.73	1/4	1,358.50	1/4	1,716.71	1/4	2,075.86	1/4	2,434.94	1/4	2,792.23	1/4	3,150.29	1/4	3,492.08
1/2	308.00	1/2	665.12	1/2	1,014.88	1/2	1,365.92	1/2	1,724.19	1/2	2,083.34	1/2	2,442.42	1/2	2,799.69	1/2	3,157.73	1/2	3,496.10
3/4	315.34	3/4	672.61	3/4	1,022.02	3/4	1,373.34	3/4	1,731.67	3/4	2,090.82	3/4	2,449.90	3/4	2,807.16	3/4	3,165.16	3/4	3,500.12
11	322.68	11	680.09	11	1,029.17	11	1,380.76	11	1,739.16	11	2,098.30	11	2,457.38	11	2,814.63	11	3,172.59	11	3,504.14
1/4	330.01	1/4	687.58	1/4	1,036.32	1/4	1,388.18	1/4	1,746.64	1/4	2,105.78	1/4	2,464.86	1/4	2,822.09	1/4	3,180.02	1/4	3,508.16
1/2	337.35	1/2	695.06	1/2	1,043.47	1/2	1,395.60	1/2	1,754.12	1/2	2,113.26	1/2	2,472.34	1/2	2,829.56	1/2	3,187.46	1/2	3,512.19
3/4	344.69	3/4	702.55	3/4	1,050.62	3/4	1,403.03	3/4	1,761.61	3/4	2,120.75	3/4	2,479.82	3/4	2,837.03	3/4	3,194.89	3/4	3,516.21

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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

BARGE "GM 2002"

3 STBD

INNAGE 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	3,520.23	0	3,713.26	0	3,905.61	0	4,084.63	0	4,246.19	0		0		0		0		0	
1/4	3,524.25	1/4	3,717.28	1/4	3,909.51	1/4	4,088.15	1/4	4,250.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,528.27	1/2	3,721.30	1/2	3,913.41	1/2	4,091.68	1/2	4,254.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,532.29	3/4	3,725.33	3/4	3,917.31	3/4	4,095.20	3/4	4,257.94	3/4		3/4		3/4		3/4		3/4	
1	3,536.31	1	3,729.35	1	3,921.21	1	4,098.73	1	4,261.86	1		1		1		1		1	
1/4	3,540.34	1/4	3,733.37	1/4	3,925.09	1/4	4,102.21	1/4	4,265.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,544.36	1/2	3,737.39	1/2	3,928.96	1/2	4,105.68	1/2	4,269.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,548.38	3/4	3,741.41	3/4	3,932.83	3/4	4,109.16	3/4	4,273.77	3/4		3/4		3/4		3/4		3/4	
2	3,552.40	2	3,745.43	2	3,936.70	2	4,112.64	2	4,277.73	2		2		2		2		2	
1/4	3,556.42	1/4	3,749.45	1/4	3,940.55	1/4	4,116.09	1/4	4,281.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,560.44	1/2	3,753.48	1/2	3,944.39	1/2	4,119.53	1/2	4,285.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,564.47	3/4	3,757.50	3/4	3,948.23	3/4	4,122.98	3/4	4,289.64	3/4		3/4		3/4		3/4		3/4	
3	3,568.49	3	3,761.52	3	3,952.07	3	4,126.43	3	4,293.61	3		3		3		3		3	
1/4	3,572.51	1/4	3,765.54	1/4	3,955.88	1/4	4,129.84	1/4	4,297.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,576.53	1/2	3,769.56	1/2	3,959.69	1/2	4,133.26	1/2	4,301.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,580.55	3/4	3,773.58	3/4	3,963.50	3/4	4,136.67	3/4	4,305.51	3/4		3/4		3/4		3/4		3/4	
4	3,584.57	4	3,777.60	4	3,967.31	4	4,140.09	4	4,309.48	4		4		4		4		4	
1/4	3,588.59	1/4	3,781.63	1/4	3,971.08	1/4	4,143.47	1/4	4,313.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,592.62	1/2	3,785.65	1/2	3,974.86	1/2	4,146.86	1/2	4,317.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,596.64	3/4	3,789.67	3/4	3,978.63	3/4	4,150.24	3/4	4,321.39	3/4		3/4		3/4		3/4		3/4	
5	3,600.66	5	3,793.69	5	3,982.41	5	4,153.62	5	4,325.36	5		5		5		5		5	
1/4	3,604.68	1/4	3,797.71	1/4	3,986.16	1/4	4,156.97	1/4	4,329.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.70	1/2	3,801.73	1/2	3,989.90	1/2	4,160.32	1/2	4,333.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,612.72	3/4	3,805.76	3/4	3,993.65	3/4	4,163.67	3/4	4,336.86	3/4		3/4		3/4		3/4		3/4	
6	3,616.74	6	3,809.78	6	3,997.39	6	4,167.02	6	4,340.69	6		6		6		6		6	
1/4	3,620.77	1/4	3,813.80	1/4	4,001.11	1/4	4,170.34	1/4	4,343.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,624.79	1/2	3,817.82	1/2	4,004.82	1/2	4,173.66	1/2	4,346.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,628.81	3/4	3,821.84	3/4	4,008.54	3/4	4,176.98	3/4	4,349.26	3/4		3/4		3/4		3/4		3/4	
7	3,632.83	7	3,825.86	7	4,012.25	7	4,180.30	7	4,352.12	7		7		7		7		7	
1/4	3,636.85	1/4	3,829.88	1/4	4,015.93	1/4	4,183.59	1/4	4,353.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.87	1/2	3,833.91	1/2	4,019.61	1/2	4,186.88	1/2	4,355.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.90	3/4	3,837.93	3/4	4,023.30	3/4	4,190.17	3/4	4,357.04	3/4		3/4		3/4		3/4		3/4	
8	3,648.92	8	3,841.95	8	4,026.98	8	4,193.46	8	4,358.67	8		8		8		8		8	
1/4	3,652.94	1/4	3,845.97	1/4	4,030.63	1/4	4,196.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,656.96	1/2	3,849.98	1/2	4,034.28	1/2	4,199.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,660.98	3/4	3,854.00	3/4	4,037.92	3/4	4,203.24	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,665.00	9	3,858.02	9	4,041.57	9	4,206.49	9		9		9		9		9		9	
1/4	3,669.02	1/4	3,862.02	1/4	4,045.19	1/4	4,209.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,673.05	1/2	3,866.02	1/2	4,048.81	1/2	4,212.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,677.07	3/4	3,870.01	3/4	4,052.43	3/4	4,216.17	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,681.09	10	3,874.01	10	4,056.04	10	4,219.40	10		10		10		10		10		10	
1/4	3,685.11	1/4	3,877.98	1/4	4,059.63	1/4	4,222.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,689.13	1/2	3,881.94	1/2	4,063.22	1/2	4,225.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.15	3/4	3,885.91	3/4	4,066.81	3/4	4,228.98	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,697.17	11	3,889.88	11	4,070.40	11	4,232.17	11		11		11		11		11		11	
1/4	3,701.20	1/4	3,893.81	1/4	4,073.95	1/4	4,235.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,705.22	1/2	3,897.74	1/2	4,077.51	1/2	4,239.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,709.24	3/4	3,901.67	3/4	4,081.07	3/4	4,242.69	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/15/2014 CL
CALCULATED: 05/15/2014 CL
PRINTED: 05/16/2014 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2014

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