

TANK CHARACTERISTICS
No Trim, No Heel
Tank: FOTANK.S,

Snding	Volume GALLONS
0.25	0
0.50	0
0.75	1
1.00	1
1.25	2
1.50	3
1.75	4
2.00	5
2.25	7
2.50	8
2.75	9
3.00	11
3.25	13
3.50	14
3.75	16
4.00	18
4.25	20
4.50	21
4.75	23
5.00	25
5.25	27
5.50	29
5.75	32
6.00	34
6.25	36
6.50	38
6.75	41
7.00	43
7.25	45
7.50	48
7.75	50
8.00	53
8.25	55
8.50	58
8.75	60
9.00	63
9.25	66
9.50	68
9.75	71
10.00	74
10.25	76
10.50	79
10.75	82
11.00	85
11.25	88
11.50	91
11.75	93
12.00	96

Soundings in inches.---

FOTANK.S Reference Point: Long.= 273.16a Trans.= 12.84s Vert.= 13.42
(Zero Sounding is at the Reference Point.)

TANK CHARACTERISTICS
No Trim, No Heel
Tank: FOTANK.S,

Snding	Volume GALLONS
12.25	99
12.50	102
12.75	105
13.00	108
13.25	111
13.50	114
13.75	117
14.00	121
14.25	124
14.50	127
14.75	130
15.00	133
15.25	136
15.50	139
15.75	143
16.00	146
16.25	149
16.50	152
16.75	155
17.00	159
17.25	162
17.50	165
17.75	169
18.00	172
18.25	175
18.50	178
18.75	182
19.00	185
19.25	188
19.50	192
19.75	195
20.00	199
20.25	202
20.50	205
20.75	209
21.00	212
21.25	215
21.50	219
21.75	222
22.00	226
22.25	229
22.50	233
22.75	236
23.00	239
23.25	243
23.50	246
23.75	250
24.00	253

Soundings in inches.---

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(Zero Sounding is at the Reference Point.)

TANK CHARACTERISTICS
No Trim, No Heel
Tank: FOTANK.S,

Snding	Volume GALLONS
24.25	256
24.50	260
24.75	263
25.00	267
25.25	270
25.50	274
25.75	277
26.00	280
26.25	284
26.50	287
26.75	291
27.00	294
27.25	298
27.50	301
27.75	304
28.00	308
28.25	311
28.50	314
28.75	318
29.00	321
29.25	325
29.50	328
29.75	331
30.00	335
30.25	338
30.50	341
30.75	345
31.00	348
31.25	351
31.50	354
31.75	358
32.00	361
32.25	364
32.50	367
32.75	371
33.00	374
33.25	377
33.50	380
33.75	383
34.00	387
34.25	390
34.50	393
34.75	396
35.00	399
35.25	402
35.50	405
35.75	408
36.00	411

Soundings in inches.---

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TANK CHARACTERISTICS
No Trim, No Heel
Tank: FOTANK.S,

Snding	Volume GALLONS
36.25	414
36.50	417
36.75	420
37.00	423
37.25	426
37.50	429
37.75	432
38.00	435
38.25	437
38.50	440
38.75	443
39.00	446
39.25	448
39.50	451
39.75	454
40.00	456
40.25	459
40.50	461
40.75	464
41.00	466
41.25	469
41.50	471
41.75	474
42.00	476
42.25	478
42.50	481
42.75	483
43.00	485
43.25	487
43.50	489
43.75	491
44.00	493
44.25	495
44.50	497
44.75	499
45.00	501
45.25	503
45.50	504
45.75	506
46.00	507
46.25	509
46.50	510
46.75	511
47.00	513
47.25	514
47.50	515
47.75	515
48.00	516

Soundings in inches.---

FOTANK.S Reference Point: Long.= 273.16a Trans.= 12.84s Vert.= 13.42
(Zero Sounding is at the Reference Point.)



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**1 PORT
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	24.97	0	380.00	0	744.72	0	1,108.32	0	1,471.00	0	1,835.74	0	2,200.48	0	2,565.21	0	2,929.95	0	3,294.69
1/4	30.67	1/4	387.59	1/4	752.32	1/4	1,115.85	1/4	1,478.60	1/4	1,843.34	1/4	2,208.07	1/4	2,572.81	1/4	2,937.55	1/4	3,302.29
1/2	36.37	1/2	395.19	1/2	759.92	1/2	1,123.39	1/2	1,486.20	1/2	1,850.94	1/2	2,215.67	1/2	2,580.41	1/2	2,945.15	1/2	3,309.89
3/4	42.06	3/4	402.79	3/4	767.52	3/4	1,130.93	3/4	1,493.80	3/4	1,858.53	3/4	2,223.27	3/4	2,588.01	3/4	2,952.75	3/4	3,317.48
1	47.76	1	410.39	1	775.12	1	1,138.47	1	1,501.40	1	1,866.13	1	2,230.87	1	2,595.61	1	2,960.35	1	3,325.08
1/4	54.87	1/4	417.99	1/4	782.72	1/4	1,146.00	1/4	1,508.99	1/4	1,873.73	1/4	2,238.47	1/4	2,603.21	1/4	2,967.94	1/4	3,332.68
1/2	61.97	1/2	425.59	1/2	790.32	1/2	1,153.52	1/2	1,516.59	1/2	1,881.33	1/2	2,246.07	1/2	2,610.81	1/2	2,975.54	1/2	3,340.28
3/4	69.07	3/4	433.19	3/4	797.91	3/4	1,161.05	3/4	1,524.19	3/4	1,888.93	3/4	2,253.67	3/4	2,618.40	3/4	2,983.14	3/4	3,347.88
2	76.18	2	440.78	2	805.51	2	1,168.58	2	1,531.79	2	1,896.53	2	2,261.27	2	2,626.00	2	2,990.74	2	3,355.48
1/4	83.75	1/4	448.38	1/4	813.11	1/4	1,176.11	1/4	1,539.39	1/4	1,904.13	1/4	2,268.86	1/4	2,633.60	1/4	2,998.34	1/4	3,363.08
1/2	91.33	1/2	455.98	1/2	820.71	1/2	1,183.63	1/2	1,546.99	1/2	1,911.73	1/2	2,276.46	1/2	2,641.20	1/2	3,005.94	1/2	3,370.68
3/4	98.90	3/4	463.58	3/4	828.31	3/4	1,191.16	3/4	1,554.59	3/4	1,919.32	3/4	2,284.06	3/4	2,648.80	3/4	3,013.54	3/4	3,378.27
3	106.48	3	471.18	3	835.91	3	1,198.68	3	1,562.18	3	1,926.92	3	2,291.66	3	2,656.40	3	3,021.14	3	3,385.87
1/4	114.07	1/4	478.78	1/4	843.50	1/4	1,206.21	1/4	1,569.78	1/4	1,934.52	1/4	2,299.26	1/4	2,664.00	1/4	3,028.73	1/4	3,393.47
1/2	121.66	1/2	486.38	1/2	851.10	1/2	1,213.74	1/2	1,577.38	1/2	1,942.12	1/2	2,306.86	1/2	2,671.60	1/2	3,036.33	1/2	3,401.07
3/4	129.25	3/4	493.97	3/4	858.70	3/4	1,221.26	3/4	1,584.98	3/4	1,949.72	3/4	2,314.46	3/4	2,679.19	3/4	3,043.93	3/4	3,408.67
4	136.85	4	501.57	4	866.30	4	1,228.79	4	1,592.58	4	1,957.32	4	2,322.05	4	2,686.79	4	3,051.53	4	3,416.27
1/4	144.45	1/4	509.17	1/4	873.89	1/4	1,236.32	1/4	1,600.18	1/4	1,964.92	1/4	2,329.65	1/4	2,694.39	1/4	3,059.13	1/4	3,423.87
1/2	152.04	1/2	516.77	1/2	881.48	1/2	1,243.86	1/2	1,607.78	1/2	1,972.51	1/2	2,337.25	1/2	2,701.99	1/2	3,066.73	1/2	3,431.47
3/4	159.64	3/4	524.37	3/4	889.06	3/4	1,251.40	3/4	1,615.38	3/4	1,980.11	3/4	2,344.85	3/4	2,709.59	3/4	3,074.33	3/4	3,439.06
5	167.24	5	531.97	5	896.65	5	1,258.93	5	1,622.97	5	1,987.71	5	2,352.45	5	2,717.19	5	3,081.92	5	3,446.66
1/4	174.84	1/4	539.56	1/4	904.22	1/4	1,266.49	1/4	1,630.57	1/4	1,995.31	1/4	2,360.05	1/4	2,724.79	1/4	3,089.52	1/4	3,454.26
1/2	182.44	1/2	547.16	1/2	911.79	1/2	1,274.04	1/2	1,638.17	1/2	2,002.91	1/2	2,367.65	1/2	2,732.38	1/2	3,097.12	1/2	3,461.86
3/4	190.03	3/4	554.76	3/4	919.36	3/4	1,281.60	3/4	1,645.77	3/4	2,010.51	3/4	2,375.25	3/4	2,739.98	3/4	3,104.72	3/4	3,469.46
6	197.63	6	562.36	6	926.93	6	1,289.15	6	1,653.37	6	2,018.11	6	2,382.84	6	2,747.58	6	3,112.32	6	3,477.06
1/4	205.23	1/4	569.96	1/4	934.49	1/4	1,296.72	1/4	1,660.97	1/4	2,025.71	1/4	2,390.44	1/4	2,755.18	1/4	3,119.92	1/4	3,484.66
1/2	212.83	1/2	577.56	1/2	942.05	1/2	1,304.28	1/2	1,668.57	1/2	2,033.30	1/2	2,398.04	1/2	2,762.78	1/2	3,127.52	1/2	3,492.25
3/4	220.43	3/4	585.16	3/4	949.60	3/4	1,311.85	3/4	1,676.17	3/4	2,040.90	3/4	2,405.64	3/4	2,770.38	3/4	3,135.12	3/4	3,499.85
7	228.03	7	592.75	7	957.16	7	1,319.42	7	1,683.76	7	2,048.50	7	2,413.24	7	2,777.98	7	3,142.71	7	3,507.45
1/4	235.62	1/4	600.35	1/4	964.72	1/4	1,326.98	1/4	1,691.36	1/4	2,056.10	1/4	2,420.84	1/4	2,785.58	1/4	3,150.31	1/4	3,515.05
1/2	243.22	1/2	607.95	1/2	972.28	1/2	1,334.55	1/2	1,698.96	1/2	2,063.70	1/2	2,428.44	1/2	2,793.17	1/2	3,157.91	1/2	3,522.65
3/4	250.82	3/4	615.55	3/4	979.84	3/4	1,342.11	3/4	1,706.56	3/4	2,071.30	3/4	2,436.04	3/4	2,800.77	3/4	3,165.51	3/4	3,530.25
8	258.42	8	623.15	8	987.40	8	1,349.68	8	1,714.16	8	2,078.90	8	2,443.63	8	2,808.37	8	3,173.11	8	3,537.85
1/4	266.02	1/4	630.75	1/4	994.96	1/4	1,357.24	1/4	1,721.76	1/4	2,086.50	1/4	2,451.23	1/4	2,815.97	1/4	3,180.71	1/4	3,545.45
1/2	273.62	1/2	638.35	1/2	1,002.52	1/2	1,364.81	1/2	1,729.36	1/2	2,094.09	1/2	2,458.83	1/2	2,823.57	1/2	3,188.31	1/2	3,553.04
3/4	281.22	3/4	645.94	3/4	1,010.08	3/4	1,372.37	3/4	1,736.95	3/4	2,101.69	3/4	2,466.43	3/4	2,831.17	3/4	3,195.91	3/4	3,560.64
9	288.81	9	653.54	9	1,017.64	9	1,379.94	9	1,744.55	9	2,109.29	9	2,474.03	9	2,838.77	9	3,203.50	9	3,568.24
1/4	296.41	1/4	661.14	1/4	1,025.20	1/4	1,387.51	1/4	1,752.15	1/4	2,116.89	1/4	2,481.63	1/4	2,846.37	1/4	3,211.10	1/4	3,575.84
1/2	304.01	1/2	668.74	1/2	1,032.75	1/2	1,395.09	1/2	1,759.75	1/2	2,124.49	1/2	2,489.23	1/2	2,853.96	1/2	3,218.70	1/2	3,583.44
3/4	311.61	3/4	676.34	3/4	1,040.31	3/4	1,402.66	3/4	1,767.35	3/4	2,132.09	3/4	2,496.82	3/4	2,861.56	3/4	3,226.30	3/4	3,591.04
10	319.21	10	683.94	10	1,047.87	10	1,410.24	10	1,774.95	10	2,139.69	10	2,504.42	10	2,869.16	10	3,233.90	10	3,598.64
1/4	326.81	1/4	691.53	1/4	1,055.43	1/4	1,417.83	1/4	1,782.55	1/4	2,147.28	1/4	2,512.02	1/4	2,876.76	1/4	3,241.50	1/4	3,606.23
1/2	334.41	1/2	699.13	1/2	1,062.99	1/2	1,425.42	1/2	1,790.15	1/2	2,154.88	1/2	2,519.62	1/2	2,884.36	1/2	3,249.10	1/2	3,613.83
3/4	342.00	3/4	706.73	3/4	1,070.55	3/4	1,433.01	3/4	1,797.74	3/4	2,162.48	3/4	2,527.22	3/4	2,891.96	3/4	3,256.69	3/4	3,621.43
11	349.60	11	714.33	11	1,078.11	11	1,440.61	11	1,805.34	11	2,170.08	11	2,534.82	11	2,899.56	11	3,264.29	11	3,629.02
1/4	357.20	1/4	721.93	1/4	1,085.66	1/4	1,448.20	1/4	1,812.94	1/4	2,177.68	1/4	2,542.42	1/4	2,907.15	1/4	3,271.89	1/4	3,636.62
1/2	364.80	1/2	729.53	1/2	1,093.21	1/2	1,455.80	1/2	1,820.54	1/2	2,185.28	1/2	2,550.02	1/2	2,914.75	1/2	3,279.49	1/2	3,644.21
3/4	372.40	3/4	737.13	3/4	1,100.76	3/4	1,463.40	3/4	1,828.14	3/4	2,192.88	3/4	2,557.61	3/4	2,922.35	3/4	3,287.09	3/4	3,651.80

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 WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**1 PORT
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	3,659.40	0	4,023.91	0	4,388.42	0	4,751.00	0	5,113.08	0		0		0		0		0	
1/4	3,666.99	1/4	4,031.50	1/4	4,396.02	1/4	4,758.55	1/4	5,120.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.59	1/2	4,039.10	1/2	4,403.61	1/2	4,766.09	1/2	5,127.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,682.18	3/4	4,046.69	3/4	4,411.20	3/4	4,773.63	3/4	5,134.76	3/4		3/4		3/4		3/4		3/4	
1	3,689.77	1	4,054.29	1	4,418.80	1	4,781.18	1	5,141.99	1		1		1		1		1	
1/4	3,697.37	1/4	4,061.88	1/4	4,426.39	1/4	4,788.72	1/4	5,148.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,704.96	1/2	4,069.47	1/2	4,433.99	1/2	4,796.26	1/2	5,154.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,712.56	3/4	4,077.07	3/4	4,441.58	3/4	4,803.81	3/4	5,160.82	3/4		3/4		3/4		3/4		3/4	
2	3,720.15	2	4,084.66	2	4,449.17	2	4,811.35	2	5,167.10	2		2		2		2		2	
1/4	3,727.74	1/4	4,092.26	1/4	4,456.74	1/4	4,818.89	1/4	5,172.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,735.34	1/2	4,099.85	1/2	4,464.31	1/2	4,826.44	1/2	5,177.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,742.93	3/4	4,107.44	3/4	4,471.88	3/4	4,833.98	3/4	5,182.13	3/4		3/4		3/4		3/4		3/4	
3	3,750.53	3	4,115.04	3	4,479.45	3	4,841.52	3		3		3		3		3		3	
1/4	3,758.12	1/4	4,122.63	1/4	4,486.99	1/4	4,849.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,765.71	1/2	4,130.23	1/2	4,494.53	1/2	4,856.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,773.31	3/4	4,137.82	3/4	4,502.08	3/4	4,864.15	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,780.90	4	4,145.41	4	4,509.62	4	4,871.69	4		4		4		4		4		4	
1/4	3,788.50	1/4	4,153.01	1/4	4,517.16	1/4	4,879.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,796.09	1/2	4,160.60	1/2	4,524.71	1/2	4,886.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.68	3/4	4,168.20	3/4	4,532.25	3/4	4,894.32	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,811.28	5	4,175.79	5	4,539.79	5	4,901.87	5		5		5		5		5		5	
1/4	3,818.87	1/4	4,183.38	1/4	4,547.34	1/4	4,909.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,826.47	1/2	4,190.98	1/2	4,554.88	1/2	4,916.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,834.06	3/4	4,198.57	3/4	4,562.42	3/4	4,924.50	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,841.65	6	4,206.17	6	4,569.97	6	4,932.04	6		6		6		6		6		6	
1/4	3,849.25	1/4	4,213.76	1/4	4,577.51	1/4	4,939.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,856.84	1/2	4,221.35	1/2	4,585.05	1/2	4,947.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,864.44	3/4	4,228.95	3/4	4,592.60	3/4	4,954.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,872.03	7	4,236.54	7	4,600.14	7	4,962.21	7		7		7		7		7		7	
1/4	3,879.62	1/4	4,244.14	1/4	4,607.68	1/4	4,969.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,887.22	1/2	4,251.73	1/2	4,615.23	1/2	4,977.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,894.81	3/4	4,259.32	3/4	4,622.77	3/4	4,984.84	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,902.41	8	4,266.92	8	4,630.31	8	4,992.39	8		8		8		8		8		8	
1/4	3,910.00	1/4	4,274.51	1/4	4,637.86	1/4	4,999.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,917.59	1/2	4,282.11	1/2	4,645.40	1/2	5,007.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,925.19	3/4	4,289.70	3/4	4,652.94	3/4	5,015.02	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,932.78	9	4,297.29	9	4,660.49	9	5,022.56	9		9		9		9		9		9	
1/4	3,940.38	1/4	4,304.89	1/4	4,668.03	1/4	5,030.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,947.97	1/2	4,312.48	1/2	4,675.57	1/2	5,037.65	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,955.56	3/4	4,320.08	3/4	4,683.11	3/4	5,045.19	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,963.16	10	4,327.67	10	4,690.66	10	5,052.73	10		10		10		10		10		10	
1/4	3,970.75	1/4	4,335.26	1/4	4,698.20	1/4	5,060.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,978.35	1/2	4,342.86	1/2	4,705.74	1/2	5,067.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,985.94	3/4	4,350.45	3/4	4,713.29	3/4	5,075.36	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,993.53	11	4,358.05	11	4,720.83	11	5,082.90	11		11		11		11		11		11	
1/4	4,001.13	1/4	4,365.64	1/4	4,728.37	1/4	5,090.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,008.72	1/2	4,373.23	1/2	4,735.92	1/2	5,097.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,016.32	3/4	4,380.83	3/4	4,743.46	3/4	5,105.53	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**1 STBD
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	24.97	0	380.00	0	744.72	0	1,109.42	0	1,472.90	0	1,837.63	0	2,202.37	0	2,567.11	0	2,931.85	0	3,296.58
1/4	30.67	1/4	387.59	1/4	752.32	1/4	1,117.00	1/4	1,480.49	1/4	1,845.23	1/4	2,209.97	1/4	2,574.71	1/4	2,939.44	1/4	3,304.18
1/2	36.37	1/2	395.19	1/2	759.92	1/2	1,124.58	1/2	1,488.09	1/2	1,852.83	1/2	2,217.57	1/2	2,582.31	1/2	2,947.04	1/2	3,311.78
3/4	42.06	3/4	402.79	3/4	767.52	3/4	1,132.15	3/4	1,495.69	3/4	1,860.43	3/4	2,225.17	3/4	2,589.90	3/4	2,954.64	3/4	3,319.38
1	47.76	1	410.39	1	775.12	1	1,139.73	1	1,503.29	1	1,868.03	1	2,232.77	1	2,597.50	1	2,962.24	1	3,326.98
1/4	54.87	1/4	417.99	1/4	782.72	1/4	1,147.30	1/4	1,510.89	1/4	1,875.63	1/4	2,240.36	1/4	2,605.10	1/4	2,969.84	1/4	3,334.58
1/2	61.97	1/2	425.59	1/2	790.32	1/2	1,154.87	1/2	1,518.49	1/2	1,883.23	1/2	2,247.96	1/2	2,612.70	1/2	2,977.44	1/2	3,342.18
3/4	69.07	3/4	433.19	3/4	797.91	3/4	1,162.43	3/4	1,526.09	3/4	1,890.82	3/4	2,255.56	3/4	2,620.30	3/4	2,985.04	3/4	3,349.77
2	76.18	2	440.78	2	805.51	2	1,170.00	2	1,533.68	2	1,898.42	2	2,263.16	2	2,627.90	2	2,992.64	2	3,357.37
1/4	83.75	1/4	448.38	1/4	813.11	1/4	1,177.57	1/4	1,541.28	1/4	1,906.02	1/4	2,270.76	1/4	2,635.50	1/4	3,000.23	1/4	3,364.97
1/2	91.33	1/2	455.98	1/2	820.71	1/2	1,185.13	1/2	1,548.88	1/2	1,913.62	1/2	2,278.36	1/2	2,643.10	1/2	3,007.83	1/2	3,372.57
3/4	98.90	3/4	463.58	3/4	828.31	3/4	1,192.70	3/4	1,556.48	3/4	1,921.22	3/4	2,285.96	3/4	2,650.69	3/4	3,015.43	3/4	3,380.17
3	106.48	3	471.18	3	835.91	3	1,200.26	3	1,564.08	3	1,928.82	3	2,293.55	3	2,658.29	3	3,023.03	3	3,387.77
1/4	114.07	1/4	478.78	1/4	843.50	1/4	1,207.83	1/4	1,571.68	1/4	1,936.42	1/4	2,301.15	1/4	2,665.89	1/4	3,030.63	1/4	3,395.37
1/2	121.66	1/2	486.38	1/2	851.10	1/2	1,215.39	1/2	1,579.28	1/2	1,944.01	1/2	2,308.75	1/2	2,673.49	1/2	3,038.23	1/2	3,402.97
3/4	129.25	3/4	493.97	3/4	858.70	3/4	1,222.96	3/4	1,586.88	3/4	1,951.61	3/4	2,316.35	3/4	2,681.09	3/4	3,045.83	3/4	3,410.56
4	136.85	4	501.57	4	866.30	4	1,230.53	4	1,594.47	4	1,959.21	4	2,323.95	4	2,688.69	4	3,053.42	4	3,418.16
1/4	144.45	1/4	509.17	1/4	873.90	1/4	1,238.09	1/4	1,602.07	1/4	1,966.81	1/4	2,331.55	1/4	2,696.29	1/4	3,061.02	1/4	3,425.76
1/2	152.04	1/2	516.77	1/2	881.50	1/2	1,245.66	1/2	1,609.67	1/2	1,974.41	1/2	2,339.15	1/2	2,703.88	1/2	3,068.62	1/2	3,433.36
3/4	159.64	3/4	524.37	3/4	889.10	3/4	1,253.22	3/4	1,617.27	3/4	1,982.01	3/4	2,346.75	3/4	2,711.48	3/4	3,076.22	3/4	3,440.96
5	167.24	5	531.97	5	896.69	5	1,260.79	5	1,624.87	5	1,989.61	5	2,354.34	5	2,719.08	5	3,083.82	5	3,448.56
1/4	174.84	1/4	539.56	1/4	904.29	1/4	1,268.35	1/4	1,632.47	1/4	1,997.21	1/4	2,361.94	1/4	2,726.68	1/4	3,091.42	1/4	3,456.16
1/2	182.44	1/2	547.16	1/2	911.89	1/2	1,275.92	1/2	1,640.07	1/2	2,004.80	1/2	2,369.54	1/2	2,734.28	1/2	3,099.02	1/2	3,463.75
3/4	190.03	3/4	554.76	3/4	919.49	3/4	1,283.48	3/4	1,647.67	3/4	2,012.40	3/4	2,377.14	3/4	2,741.88	3/4	3,106.62	3/4	3,471.35
6	197.63	6	562.36	6	927.09	6	1,291.05	6	1,655.26	6	2,020.00	6	2,384.74	6	2,749.48	6	3,114.21	6	3,478.95
1/4	205.23	1/4	569.96	1/4	934.69	1/4	1,298.61	1/4	1,662.86	1/4	2,027.60	1/4	2,392.34	1/4	2,757.08	1/4	3,121.81	1/4	3,486.55
1/2	212.83	1/2	577.56	1/2	942.29	1/2	1,306.18	1/2	1,670.46	1/2	2,035.20	1/2	2,399.94	1/2	2,764.67	1/2	3,129.41	1/2	3,494.15
3/4	220.43	3/4	585.16	3/4	949.88	3/4	1,313.75	3/4	1,678.06	3/4	2,042.80	3/4	2,407.54	3/4	2,772.27	3/4	3,137.01	3/4	3,501.75
7	228.03	7	592.75	7	957.48	7	1,321.31	7	1,685.66	7	2,050.40	7	2,415.13	7	2,779.87	7	3,144.61	7	3,509.35
1/4	235.62	1/4	600.35	1/4	965.08	1/4	1,328.88	1/4	1,693.26	1/4	2,058.00	1/4	2,422.73	1/4	2,787.47	1/4	3,152.21	1/4	3,516.95
1/2	243.22	1/2	607.95	1/2	972.68	1/2	1,336.44	1/2	1,700.86	1/2	2,065.59	1/2	2,430.33	1/2	2,795.07	1/2	3,159.81	1/2	3,524.54
3/4	250.82	3/4	615.55	3/4	980.28	3/4	1,344.01	3/4	1,708.45	3/4	2,073.19	3/4	2,437.93	3/4	2,802.67	3/4	3,167.41	3/4	3,532.14
8	258.42	8	623.15	8	987.88	8	1,351.57	8	1,716.05	8	2,080.79	8	2,445.53	8	2,810.27	8	3,175.00	8	3,539.74
1/4	266.02	1/4	630.75	1/4	995.47	1/4	1,359.14	1/4	1,723.65	1/4	2,088.39	1/4	2,453.13	1/4	2,817.87	1/4	3,182.60	1/4	3,547.34
1/2	273.62	1/2	638.35	1/2	1,003.07	1/2	1,366.70	1/2	1,731.25	1/2	2,095.99	1/2	2,460.73	1/2	2,825.46	1/2	3,190.20	1/2	3,554.94
3/4	281.22	3/4	645.94	3/4	1,010.67	3/4	1,374.27	3/4	1,738.85	3/4	2,103.59	3/4	2,468.32	3/4	2,833.06	3/4	3,197.80	3/4	3,562.54
9	288.81	9	653.54	9	1,018.27	9	1,381.83	9	1,746.45	9	2,111.19	9	2,475.92	9	2,840.66	9	3,205.40	9	3,570.14
1/4	296.41	1/4	661.14	1/4	1,025.87	1/4	1,389.41	1/4	1,754.05	1/4	2,118.78	1/4	2,483.52	1/4	2,848.26	1/4	3,213.00	1/4	3,577.74
1/2	304.01	1/2	668.74	1/2	1,033.47	1/2	1,396.98	1/2	1,761.65	1/2	2,126.38	1/2	2,491.12	1/2	2,855.86	1/2	3,220.60	1/2	3,585.33
3/4	311.61	3/4	676.34	3/4	1,041.07	3/4	1,404.56	3/4	1,769.24	3/4	2,133.98	3/4	2,498.72	3/4	2,863.46	3/4	3,228.19	3/4	3,592.93
10	319.21	10	683.94	10	1,048.66	10	1,412.13	10	1,776.84	10	2,141.58	10	2,506.32	10	2,871.06	10	3,235.79	10	3,600.53
1/4	326.81	1/4	691.53	1/4	1,056.26	1/4	1,419.73	1/4	1,784.44	1/4	2,149.18	1/4	2,513.92	1/4	2,878.65	1/4	3,243.39	1/4	3,608.13
1/2	334.41	1/2	699.13	1/2	1,063.86	1/2	1,427.32	1/2	1,792.04	1/2	2,156.78	1/2	2,521.52	1/2	2,886.25	1/2	3,250.99	1/2	3,615.72
3/4	342.00	3/4	706.73	3/4	1,071.46	3/4	1,434.91	3/4	1,799.64	3/4	2,164.38	3/4	2,529.11	3/4	2,893.85	3/4	3,258.59	3/4	3,623.32
11	349.60	11	714.33	11	1,079.06	11	1,442.50	11	1,807.24	11	2,171.98	11	2,536.71	11	2,901.45	11	3,266.19	11	3,630.92
1/4	357.20	1/4	721.93	1/4	1,086.65	1/4	1,450.10	1/4	1,814.84	1/4	2,179.57	1/4	2,544.31	1/4	2,909.05	1/4	3,273.79	1/4	3,638.51
1/2	364.80	1/2	729.53	1/2	1,094.24	1/2	1,457.70	1/2	1,822.44	1/2	2,187.17	1/2	2,551.91	1/2	2,916.65	1/2	3,281.39	1/2	3,646.10
3/4	372.40	3/4	737.13	3/4	1,101.83	3/4	1,465.30	3/4	1,830.03	3/4	2,194.77	3/4	2,559.51	3/4	2,924.25	3/4	3,288.98	3/4	3,653.70

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 WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**1 STBD
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	3,661.29	0	4,025.80	0	4,390.32	0	4,752.90	0	5,114.97	0		0		0		0		0	
1/4	3,668.89	1/4	4,033.40	1/4	4,397.91	1/4	4,760.44	1/4	5,122.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,676.48	1/2	4,040.99	1/2	4,405.50	1/2	4,767.98	1/2	5,129.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,684.07	3/4	4,048.59	3/4	4,413.10	3/4	4,775.53	3/4	5,136.66	3/4		3/4		3/4		3/4		3/4	
1	3,691.67	1	4,056.18	1	4,420.69	1	4,783.07	1	5,143.88	1		1		1		1		1	
1/4	3,699.26	1/4	4,063.77	1/4	4,428.29	1/4	4,790.61	1/4	5,150.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,706.86	1/2	4,071.37	1/2	4,435.88	1/2	4,798.16	1/2	5,156.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,714.45	3/4	4,078.96	3/4	4,443.47	3/4	4,805.70	3/4	5,162.71	3/4		3/4		3/4		3/4		3/4	
2	3,722.04	2	4,086.56	2	4,451.07	2	4,813.24	2	5,168.99	2		2		2		2		2	
1/4	3,729.64	1/4	4,094.15	1/4	4,458.64	1/4	4,820.79	1/4	5,174.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,737.23	1/2	4,101.74	1/2	4,466.21	1/2	4,828.33	1/2	5,179.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,744.83	3/4	4,109.34	3/4	4,473.77	3/4	4,835.87	3/4	5,184.02	3/4		3/4		3/4		3/4		3/4	
3	3,752.42	3	4,116.93	3	4,481.34	3	4,843.42	3		3		3		3		3		3	
1/4	3,760.01	1/4	4,124.53	1/4	4,488.89	1/4	4,850.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.61	1/2	4,132.12	1/2	4,496.43	1/2	4,858.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,775.20	3/4	4,139.71	3/4	4,503.97	3/4	4,866.05	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,782.80	4	4,147.31	4	4,511.52	4	4,873.59	4		4		4		4		4		4	
1/4	3,790.39	1/4	4,154.90	1/4	4,519.06	1/4	4,881.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,797.98	1/2	4,162.50	1/2	4,526.60	1/2	4,888.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.58	3/4	4,170.09	3/4	4,534.15	3/4	4,896.22	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,813.17	5	4,177.68	5	4,541.69	5	4,903.76	5		5		5		5		5		5	
1/4	3,820.77	1/4	4,185.28	1/4	4,549.23	1/4	4,911.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,828.36	1/2	4,192.87	1/2	4,556.78	1/2	4,918.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,835.95	3/4	4,200.47	3/4	4,564.32	3/4	4,926.39	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,843.55	6	4,208.06	6	4,571.86	6	4,933.94	6		6		6		6		6		6	
1/4	3,851.14	1/4	4,215.65	1/4	4,579.40	1/4	4,941.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,858.74	1/2	4,223.25	1/2	4,586.95	1/2	4,949.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,866.33	3/4	4,230.84	3/4	4,594.49	3/4	4,956.56	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,873.92	7	4,238.44	7	4,602.03	7	4,964.11	7		7		7		7		7		7	
1/4	3,881.52	1/4	4,246.03	1/4	4,609.58	1/4	4,971.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,889.11	1/2	4,253.62	1/2	4,617.12	1/2	4,979.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,896.71	3/4	4,261.22	3/4	4,624.66	3/4	4,986.74	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,904.30	8	4,268.81	8	4,632.21	8	4,994.28	8		8		8		8		8		8	
1/4	3,911.89	1/4	4,276.41	1/4	4,639.75	1/4	5,001.82	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,919.49	1/2	4,284.00	1/2	4,647.29	1/2	5,009.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,927.08	3/4	4,291.59	3/4	4,654.84	3/4	5,016.91	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,934.68	9	4,299.19	9	4,662.38	9	5,024.45	9		9		9		9		9		9	
1/4	3,942.27	1/4	4,306.78	1/4	4,669.92	1/4	5,032.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,949.86	1/2	4,314.38	1/2	4,677.47	1/2	5,039.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,957.46	3/4	4,321.97	3/4	4,685.01	3/4	5,047.08	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,965.05	10	4,329.56	10	4,692.55	10	5,054.63	10		10		10		10		10		10	
1/4	3,972.65	1/4	4,337.16	1/4	4,700.10	1/4	5,062.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,980.24	1/2	4,344.75	1/2	4,707.64	1/2	5,069.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,987.83	3/4	4,352.35	3/4	4,715.18	3/4	5,077.26	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,995.43	11	4,359.94	11	4,722.73	11	5,084.80	11		11		11		11		11		11	
1/4	4,003.02	1/4	4,367.53	1/4	4,730.27	1/4	5,092.34	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,010.62	1/2	4,375.13	1/2	4,737.81	1/2	5,099.89	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,018.21	3/4	4,382.72	3/4	4,745.36	3/4	5,107.43	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 PORT
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	24.62	0	374.65	0	734.25	0	1,085.28	0	1,437.53	0	1,797.13	0	2,156.74	0	2,516.34	0	2,875.95	0	3,235.56
1/4	30.24	1/4	382.15	1/4	741.74	1/4	1,092.45	1/4	1,445.02	1/4	1,804.62	1/4	2,164.23	1/4	2,523.84	1/4	2,883.44	1/4	3,243.05
1/2	35.86	1/2	389.64	1/2	749.23	1/2	1,099.61	1/2	1,452.51	1/2	1,812.12	1/2	2,171.72	1/2	2,531.33	1/2	2,890.93	1/2	3,250.54
3/4	41.48	3/4	397.13	3/4	756.73	3/4	1,106.78	3/4	1,460.00	3/4	1,819.61	3/4	2,179.21	3/4	2,538.82	3/4	2,898.43	3/4	3,258.03
1	47.09	1	404.62	1	764.22	1	1,113.94	1	1,467.49	1	1,827.10	1	2,186.71	1	2,546.31	1	2,905.92	1	3,265.52
1/4	54.10	1/4	412.11	1/4	771.71	1/4	1,121.10	1/4	1,474.98	1/4	1,834.59	1/4	2,194.20	1/4	2,553.80	1/4	2,913.41	1/4	3,273.02
1/2	61.10	1/2	419.60	1/2	779.20	1/2	1,128.25	1/2	1,482.48	1/2	1,842.08	1/2	2,201.69	1/2	2,561.30	1/2	2,920.90	1/2	3,280.51
3/4	68.11	3/4	427.10	3/4	786.69	3/4	1,135.41	3/4	1,489.97	3/4	1,849.57	3/4	2,209.18	3/4	2,568.79	3/4	2,928.39	3/4	3,288.00
2	75.11	2	434.59	2	794.18	2	1,142.57	2	1,497.46	2	1,857.07	2	2,216.67	2	2,576.28	2	2,935.89	2	3,295.49
1/4	82.58	1/4	442.08	1/4	801.68	1/4	1,149.72	1/4	1,504.95	1/4	1,864.56	1/4	2,224.16	1/4	2,583.77	1/4	2,943.38	1/4	3,302.98
1/2	90.05	1/2	449.57	1/2	809.17	1/2	1,156.87	1/2	1,512.44	1/2	1,872.05	1/2	2,231.66	1/2	2,591.26	1/2	2,950.87	1/2	3,310.48
3/4	97.52	3/4	457.06	3/4	816.66	3/4	1,164.03	3/4	1,519.94	3/4	1,879.54	3/4	2,239.15	3/4	2,598.75	3/4	2,958.36	3/4	3,317.97
3	104.98	3	464.55	3	824.15	3	1,171.18	3	1,527.43	3	1,887.03	3	2,246.64	3	2,606.25	3	2,965.85	3	3,325.46
1/4	112.47	1/4	472.05	1/4	831.64	1/4	1,178.34	1/4	1,534.92	1/4	1,894.53	1/4	2,254.13	1/4	2,613.74	1/4	2,973.34	1/4	3,332.95
1/2	119.95	1/2	479.54	1/2	839.13	1/2	1,185.49	1/2	1,542.41	1/2	1,902.02	1/2	2,261.62	1/2	2,621.23	1/2	2,980.84	1/2	3,340.44
3/4	127.44	3/4	487.03	3/4	846.62	3/4	1,192.64	3/4	1,549.90	3/4	1,909.51	3/4	2,269.12	3/4	2,628.72	3/4	2,988.33	3/4	3,347.93
4	134.93	4	494.52	4	854.12	4	1,199.80	4	1,557.39	4	1,917.00	4	2,276.61	4	2,636.21	4	2,995.82	4	3,355.43
1/4	142.42	1/4	502.01	1/4	861.53	1/4	1,207.03	1/4	1,564.89	1/4	1,924.49	1/4	2,284.10	1/4	2,643.71	1/4	3,003.31	1/4	3,362.92
1/2	149.91	1/2	509.50	1/2	868.95	1/2	1,214.26	1/2	1,572.38	1/2	1,931.98	1/2	2,291.59	1/2	2,651.20	1/2	3,010.80	1/2	3,370.41
3/4	157.40	3/4	516.99	3/4	876.36	3/4	1,221.49	3/4	1,579.87	3/4	1,939.48	3/4	2,299.08	3/4	2,658.69	3/4	3,018.30	3/4	3,377.90
5	164.89	5	524.49	5	883.78	5	1,228.72	5	1,587.36	5	1,946.97	5	2,306.57	5	2,666.18	5	3,025.79	5	3,385.39
1/4	172.38	1/4	531.98	1/4	891.04	1/4	1,236.10	1/4	1,594.85	1/4	1,954.46	1/4	2,314.07	1/4	2,673.67	1/4	3,033.28	1/4	3,392.89
1/2	179.87	1/2	539.47	1/2	898.30	1/2	1,243.48	1/2	1,602.35	1/2	1,961.95	1/2	2,321.56	1/2	2,681.16	1/2	3,040.77	1/2	3,400.38
3/4	187.36	3/4	546.96	3/4	905.56	3/4	1,250.86	3/4	1,609.84	3/4	1,969.44	3/4	2,329.05	3/4	2,688.66	3/4	3,048.26	3/4	3,407.87
6	194.86	6	554.45	6	912.83	6	1,258.24	6	1,617.33	6	1,976.94	6	2,336.54	6	2,696.15	6	3,055.75	6	3,415.36
1/4	202.35	1/4	561.94	1/4	920.01	1/4	1,265.70	1/4	1,624.82	1/4	1,984.43	1/4	2,344.03	1/4	2,703.64	1/4	3,063.25	1/4	3,422.85
1/2	209.84	1/2	569.44	1/2	927.20	1/2	1,273.16	1/2	1,632.31	1/2	1,991.92	1/2	2,351.52	1/2	2,711.13	1/2	3,070.74	1/2	3,430.34
3/4	217.33	3/4	576.93	3/4	934.39	3/4	1,280.62	3/4	1,639.80	3/4	1,999.41	3/4	2,359.02	3/4	2,718.62	3/4	3,078.23	3/4	3,437.84
7	224.82	7	584.42	7	941.57	7	1,288.08	7	1,647.30	7	2,006.90	7	2,366.51	7	2,726.11	7	3,085.72	7	3,445.33
1/4	232.31	1/4	591.91	1/4	948.76	1/4	1,295.54	1/4	1,654.79	1/4	2,014.39	1/4	2,374.00	1/4	2,733.61	1/4	3,093.21	1/4	3,452.82
1/2	239.81	1/2	599.40	1/2	955.95	1/2	1,303.00	1/2	1,662.28	1/2	2,021.89	1/2	2,381.49	1/2	2,741.10	1/2	3,100.70	1/2	3,460.31
3/4	247.30	3/4	606.89	3/4	963.13	3/4	1,310.45	3/4	1,669.77	3/4	2,029.38	3/4	2,388.98	3/4	2,748.59	3/4	3,108.20	3/4	3,467.80
8	254.79	8	614.39	8	970.32	8	1,317.91	8	1,677.26	8	2,036.87	8	2,396.48	8	2,756.08	8	3,115.69	8	3,475.29
1/4	262.28	1/4	621.88	1/4	977.51	1/4	1,325.37	1/4	1,684.75	1/4	2,044.36	1/4	2,403.97	1/4	2,763.57	1/4	3,123.18	1/4	3,482.79
1/2	269.77	1/2	629.37	1/2	984.69	1/2	1,332.83	1/2	1,692.25	1/2	2,051.85	1/2	2,411.46	1/2	2,771.07	1/2	3,130.67	1/2	3,490.28
3/4	277.26	3/4	636.86	3/4	991.88	3/4	1,340.29	3/4	1,699.74	3/4	2,059.34	3/4	2,418.95	3/4	2,778.56	3/4	3,138.16	3/4	3,497.77
9	284.76	9	644.35	9	999.07	9	1,347.75	9	1,707.23	9	2,066.84	9	2,426.44	9	2,786.05	9	3,145.66	9	3,505.26
1/4	292.25	1/4	651.84	1/4	1,006.25	1/4	1,355.21	1/4	1,714.72	1/4	2,074.33	1/4	2,433.93	1/4	2,793.54	1/4	3,153.15	1/4	3,512.75
1/2	299.74	1/2	659.33	1/2	1,013.44	1/2	1,362.68	1/2	1,722.21	1/2	2,081.82	1/2	2,441.43	1/2	2,801.03	1/2	3,160.64	1/2	3,520.25
3/4	307.23	3/4	666.83	3/4	1,020.63	3/4	1,370.15	3/4	1,729.71	3/4	2,089.31	3/4	2,448.92	3/4	2,808.52	3/4	3,168.13	3/4	3,527.74
10	314.72	10	674.32	10	1,027.81	10	1,377.62	10	1,737.20	10	2,096.80	10	2,456.41	10	2,816.02	10	3,175.62	10	3,535.23
1/4	322.21	1/4	681.81	1/4	1,035.00	1/4	1,385.00	1/4	1,744.69	1/4	2,104.30	1/4	2,463.90	1/4	2,823.51	1/4	3,183.11	1/4	3,542.72
1/2	329.70	1/2	689.30	1/2	1,042.19	1/2	1,392.59	1/2	1,752.18	1/2	2,111.79	1/2	2,471.39	1/2	2,831.00	1/2	3,190.61	1/2	3,550.21
3/4	337.20	3/4	696.79	3/4	1,049.37	3/4	1,400.07	3/4	1,759.67	3/4	2,119.28	3/4	2,478.89	3/4	2,838.49	3/4	3,198.10	3/4	3,557.70
11	344.69	11	704.28	11	1,056.56	11	1,407.56	11	1,767.16	11	2,126.77	11	2,486.38	11	2,845.98	11	3,205.59	11	3,565.19
1/4	352.18	1/4	711.78	1/4	1,063.74	1/4	1,415.05	1/4	1,774.66	1/4	2,134.26	1/4	2,493.87	1/4	2,853.48	1/4	3,213.08	1/4	3,572.68
1/2	359.67	1/2	719.27	1/2	1,070.92	1/2	1,422.54	1/2	1,782.15	1/2	2,141.75	1/2	2,501.36	1/2	2,860.97	1/2	3,220.57	1/2	3,580.16
3/4	367.16	3/4	726.76	3/4	1,078.10	3/4	1,430.03	3/4	1,789.64	3/4	2,149.25	3/4	2,508.85	3/4	2,868.46	3/4	3,228.07	3/4	3,587.65

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 INNAGE GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 PORT
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	3,595.14	0	3,954.54	0	4,313.94	0	4,671.54	0	5,028.67	0		0		0		0		0	
1/4	3,602.63	1/4	3,962.03	1/4	4,321.43	1/4	4,678.98	1/4	5,035.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,610.11	1/2	3,969.51	1/2	4,328.91	1/2	4,686.42	1/2	5,042.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,617.60	3/4	3,977.00	3/4	4,336.40	3/4	4,693.86	3/4	5,050.06	3/4		3/4		3/4		3/4		3/4	
1	3,625.09	1	3,984.49	1	4,343.89	1	4,701.30	1	5,057.19	1		1		1		1		1	
1/4	3,632.58	1/4	3,991.98	1/4	4,351.38	1/4	4,708.74	1/4	5,063.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,640.06	1/2	3,999.46	1/2	4,358.86	1/2	4,716.18	1/2	5,069.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.55	3/4	4,006.95	3/4	4,366.35	3/4	4,723.62	3/4	5,075.77	3/4		3/4		3/4		3/4		3/4	
2	3,655.04	2	4,014.44	2	4,373.84	2	4,731.06	2	5,081.96	2		2		2		2		2	
1/4	3,662.53	1/4	4,021.93	1/4	4,381.30	1/4	4,738.50	1/4	5,086.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.01	1/2	4,029.41	1/2	4,388.76	1/2	4,745.94	1/2	5,091.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.50	3/4	4,036.90	3/4	4,396.23	3/4	4,753.38	3/4	5,096.79	3/4		3/4		3/4		3/4		3/4	
3	3,684.99	3	4,044.39	3	4,403.69	3	4,760.82	3		3		3		3		3		3	
1/4	3,692.48	1/4	4,051.88	1/4	4,411.13	1/4	4,768.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,699.96	1/2	4,059.36	1/2	4,418.57	1/2	4,775.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,707.45	3/4	4,066.85	3/4	4,426.01	3/4	4,783.14	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,714.94	4	4,074.34	4	4,433.45	4	4,790.58	4		4		4		4		4		4	
1/4	3,722.43	1/4	4,081.83	1/4	4,440.89	1/4	4,798.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.91	1/2	4,089.31	1/2	4,448.33	1/2	4,805.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,737.40	3/4	4,096.80	3/4	4,455.77	3/4	4,812.90	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,744.89	5	4,104.29	5	4,463.21	5	4,820.34	5		5		5		5		5		5	
1/4	3,752.38	1/4	4,111.78	1/4	4,470.65	1/4	4,827.79	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.86	1/2	4,119.26	1/2	4,478.09	1/2	4,835.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.35	3/4	4,126.75	3/4	4,485.53	3/4	4,842.67	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,774.84	6	4,134.24	6	4,492.97	6	4,850.11	6		6		6		6		6		6	
1/4	3,782.33	1/4	4,141.73	1/4	4,500.41	1/4	4,857.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,789.81	1/2	4,149.21	1/2	4,507.85	1/2	4,864.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,797.30	3/4	4,156.70	3/4	4,515.29	3/4	4,872.43	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,804.79	7	4,164.19	7	4,522.73	7	4,879.87	7		7		7		7		7		7	
1/4	3,812.28	1/4	4,171.68	1/4	4,530.17	1/4	4,887.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,819.76	1/2	4,179.16	1/2	4,537.61	1/2	4,894.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,827.25	3/4	4,186.65	3/4	4,545.05	3/4	4,902.19	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,834.74	8	4,194.14	8	4,552.49	8	4,909.63	8		8		8		8		8		8	
1/4	3,842.23	1/4	4,201.63	1/4	4,559.93	1/4	4,917.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.71	1/2	4,209.11	1/2	4,567.37	1/2	4,924.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,857.20	3/4	4,216.60	3/4	4,574.82	3/4	4,931.95	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,864.69	9	4,224.09	9	4,582.26	9	4,939.39	9		9		9		9		9		9	
1/4	3,872.18	1/4	4,231.58	1/4	4,589.70	1/4	4,946.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,879.66	1/2	4,239.06	1/2	4,597.14	1/2	4,954.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,887.15	3/4	4,246.55	3/4	4,604.58	3/4	4,961.71	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,894.64	10	4,254.04	10	4,612.02	10	4,969.15	10		10		10		10		10		10	
1/4	3,902.13	1/4	4,261.53	1/4	4,619.46	1/4	4,976.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,909.61	1/2	4,269.01	1/2	4,626.90	1/2	4,984.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,917.10	3/4	4,276.50	3/4	4,634.34	3/4	4,991.47	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,924.59	11	4,283.99	11	4,641.78	11	4,998.91	11		11		11		11		11		11	
1/4	3,932.08	1/4	4,291.48	1/4	4,649.22	1/4	5,006.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,939.56	1/2	4,298.96	1/2	4,656.66	1/2	5,013.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,947.05	3/4	4,306.45	3/4	4,664.10	3/4	5,021.23	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 STBD
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	24.60	0	374.38	0	733.72	0	1,093.02	0	1,451.11	0	1,810.45	0	2,169.80	0	2,529.15	0	2,888.50	0	3,247.84
1/4	30.22	1/4	381.87	1/4	741.21	1/4	1,100.49	1/4	1,458.59	1/4	1,817.94	1/4	2,177.29	1/4	2,536.63	1/4	2,895.98	1/4	3,255.33
1/2	35.83	1/2	389.36	1/2	748.69	1/2	1,107.95	1/2	1,466.08	1/2	1,825.43	1/2	2,184.77	1/2	2,544.12	1/2	2,903.47	1/2	3,262.82
3/4	41.45	3/4	396.84	3/4	756.18	3/4	1,115.42	3/4	1,473.57	3/4	1,832.91	3/4	2,192.26	3/4	2,551.61	3/4	2,910.95	3/4	3,270.30
1	47.06	1	404.33	1	763.67	1	1,122.89	1	1,481.05	1	1,840.40	1	2,199.75	1	2,559.09	1	2,918.44	1	3,277.79
1/4	54.06	1/4	411.81	1/4	771.15	1/4	1,130.34	1/4	1,488.54	1/4	1,847.89	1/4	2,207.23	1/4	2,566.58	1/4	2,925.93	1/4	3,285.27
1/2	61.06	1/2	419.30	1/2	778.64	1/2	1,137.80	1/2	1,496.03	1/2	1,855.37	1/2	2,214.72	1/2	2,574.07	1/2	2,933.41	1/2	3,292.76
3/4	68.06	3/4	426.79	3/4	786.12	3/4	1,145.25	3/4	1,503.51	3/4	1,862.86	3/4	2,222.21	3/4	2,581.55	3/4	2,940.90	3/4	3,300.25
2	75.06	2	434.27	2	793.61	2	1,152.71	2	1,511.00	2	1,870.35	2	2,229.69	2	2,589.04	2	2,948.39	2	3,307.73
1/4	82.52	1/4	441.76	1/4	801.10	1/4	1,160.16	1/4	1,518.48	1/4	1,877.83	1/4	2,237.18	1/4	2,596.53	1/4	2,955.87	1/4	3,315.22
1/2	89.98	1/2	449.25	1/2	808.58	1/2	1,167.61	1/2	1,525.97	1/2	1,885.32	1/2	2,244.67	1/2	2,604.01	1/2	2,963.36	1/2	3,322.71
3/4	97.44	3/4	456.73	3/4	816.07	3/4	1,175.07	3/4	1,533.46	3/4	1,892.80	3/4	2,252.15	3/4	2,611.50	3/4	2,970.85	3/4	3,330.19
3	104.91	3	464.22	3	823.56	3	1,182.52	3	1,540.94	3	1,900.29	3	2,259.64	3	2,618.99	3	2,978.33	3	3,337.68
1/4	112.39	1/4	471.70	1/4	831.04	1/4	1,189.97	1/4	1,548.43	1/4	1,907.78	1/4	2,267.12	1/4	2,626.47	1/4	2,985.82	1/4	3,345.17
1/2	119.87	1/2	479.19	1/2	838.53	1/2	1,197.43	1/2	1,555.92	1/2	1,915.26	1/2	2,274.61	1/2	2,633.96	1/2	2,993.31	1/2	3,352.65
3/4	127.35	3/4	486.68	3/4	846.01	3/4	1,204.88	3/4	1,563.40	3/4	1,922.75	3/4	2,282.10	3/4	2,641.44	3/4	3,000.79	3/4	3,360.14
4	134.83	4	494.16	4	853.50	4	1,212.33	4	1,570.89	4	1,930.24	4	2,289.58	4	2,648.93	4	3,008.28	4	3,367.63
1/4	142.31	1/4	501.65	1/4	860.99	1/4	1,219.78	1/4	1,578.38	1/4	1,937.72	1/4	2,297.07	1/4	2,656.42	1/4	3,015.76	1/4	3,375.11
1/2	149.80	1/2	509.14	1/2	868.47	1/2	1,227.24	1/2	1,585.86	1/2	1,945.21	1/2	2,304.56	1/2	2,663.90	1/2	3,023.25	1/2	3,382.60
3/4	157.28	3/4	516.62	3/4	875.96	3/4	1,234.69	3/4	1,593.35	3/4	1,952.70	3/4	2,312.04	3/4	2,671.39	3/4	3,030.74	3/4	3,390.08
5	164.77	5	524.11	5	883.45	5	1,242.14	5	1,600.84	5	1,960.18	5	2,319.53	5	2,678.88	5	3,038.22	5	3,397.57
1/4	172.26	1/4	531.59	1/4	890.93	1/4	1,249.60	1/4	1,608.32	1/4	1,967.67	1/4	2,327.02	1/4	2,686.36	1/4	3,045.71	1/4	3,405.06
1/2	179.74	1/2	539.08	1/2	898.42	1/2	1,257.05	1/2	1,615.81	1/2	1,975.16	1/2	2,334.50	1/2	2,693.85	1/2	3,053.20	1/2	3,412.54
3/4	187.23	3/4	546.57	3/4	905.90	3/4	1,264.50	3/4	1,623.29	3/4	1,982.64	3/4	2,341.99	3/4	2,701.34	3/4	3,060.68	3/4	3,420.03
6	194.71	6	554.05	6	913.39	6	1,271.96	6	1,630.78	6	1,990.13	6	2,349.47	6	2,708.82	6	3,068.17	6	3,427.52
1/4	202.20	1/4	561.54	1/4	920.88	1/4	1,279.41	1/4	1,638.27	1/4	1,997.61	1/4	2,356.96	1/4	2,716.31	1/4	3,075.66	1/4	3,435.00
1/2	209.69	1/2	569.02	1/2	928.36	1/2	1,286.86	1/2	1,645.75	1/2	2,005.10	1/2	2,364.45	1/2	2,723.79	1/2	3,083.14	1/2	3,442.49
3/4	217.17	3/4	576.51	3/4	935.85	3/4	1,294.32	3/4	1,653.24	3/4	2,012.59	3/4	2,371.93	3/4	2,731.28	3/4	3,090.63	3/4	3,449.98
7	224.66	7	584.00	7	943.33	7	1,301.77	7	1,660.73	7	2,020.07	7	2,379.42	7	2,738.77	7	3,098.11	7	3,457.46
1/4	232.15	1/4	591.48	1/4	950.82	1/4	1,309.22	1/4	1,668.21	1/4	2,027.56	1/4	2,386.91	1/4	2,746.25	1/4	3,105.60	1/4	3,464.95
1/2	239.63	1/2	598.97	1/2	958.31	1/2	1,316.68	1/2	1,675.70	1/2	2,035.05	1/2	2,394.39	1/2	2,753.74	1/2	3,113.09	1/2	3,472.43
3/4	247.12	3/4	606.46	3/4	965.79	3/4	1,324.13	3/4	1,683.19	3/4	2,042.53	3/4	2,401.88	3/4	2,761.23	3/4	3,120.57	3/4	3,479.92
8	254.60	8	613.94	8	973.28	8	1,331.58	8	1,690.67	8	2,050.02	8	2,409.37	8	2,768.71	8	3,128.06	8	3,487.41
1/4	262.09	1/4	621.43	1/4	980.77	1/4	1,339.03	1/4	1,698.16	1/4	2,057.51	1/4	2,416.85	1/4	2,776.20	1/4	3,135.55	1/4	3,494.89
1/2	269.58	1/2	628.91	1/2	988.25	1/2	1,346.49	1/2	1,705.64	1/2	2,064.99	1/2	2,424.34	1/2	2,783.69	1/2	3,143.03	1/2	3,502.38
3/4	277.06	3/4	636.40	3/4	995.74	3/4	1,353.94	3/4	1,713.13	3/4	2,072.48	3/4	2,431.83	3/4	2,791.17	3/4	3,150.52	3/4	3,509.87
9	284.55	9	643.89	9	1,003.22	9	1,361.39	9	1,720.62	9	2,079.96	9	2,439.31	9	2,798.66	9	3,158.01	9	3,517.35
1/4	292.04	1/4	651.37	1/4	1,010.71	1/4	1,368.86	1/4	1,728.10	1/4	2,087.45	1/4	2,446.80	1/4	2,806.15	1/4	3,165.49	1/4	3,524.84
1/2	299.52	1/2	658.86	1/2	1,018.20	1/2	1,376.32	1/2	1,735.59	1/2	2,094.94	1/2	2,454.28	1/2	2,813.63	1/2	3,172.98	1/2	3,532.33
3/4	307.01	3/4	666.35	3/4	1,025.68	3/4	1,383.78	3/4	1,743.08	3/4	2,102.42	3/4	2,461.77	3/4	2,821.12	3/4	3,180.47	3/4	3,539.81
10	314.49	10	673.83	10	1,033.17	10	1,391.24	10	1,750.56	10	2,109.91	10	2,469.26	10	2,828.60	10	3,187.95	10	3,547.30
1/4	321.98	1/4	681.32	1/4	1,040.66	1/4	1,398.72	1/4	1,758.05	1/4	2,117.40	1/4	2,476.74	1/4	2,836.09	1/4	3,195.44	1/4	3,554.78
1/2	329.47	1/2	688.80	1/2	1,048.14	1/2	1,406.20	1/2	1,765.54	1/2	2,124.88	1/2	2,484.23	1/2	2,843.58	1/2	3,202.92	1/2	3,562.26
3/4	336.95	3/4	696.29	3/4	1,055.63	3/4	1,413.68	3/4	1,773.02	3/4	2,132.37	3/4	2,491.72	3/4	2,851.06	3/4	3,210.41	3/4	3,569.75
11	344.44	11	703.78	11	1,063.11	11	1,421.16	11	1,780.51	11	2,139.86	11	2,499.20	11	2,858.55	11	3,217.90	11	3,577.23
1/4	351.92	1/4	711.26	1/4	1,070.59	1/4	1,428.65	1/4	1,788.00	1/4	2,147.34	1/4	2,506.69	1/4	2,866.04	1/4	3,225.38	1/4	3,584.71
1/2	359.41	1/2	718.75	1/2	1,078.07	1/2	1,436.13	1/2	1,795.48	1/2	2,154.83	1/2	2,514.18	1/2	2,873.52	1/2	3,232.87	1/2	3,592.19
3/4	366.90	3/4	726.23	3/4	1,085.55	3/4	1,443.62	3/4	1,802.97	3/4	2,162.32	3/4	2,521.66	3/4	2,881.01	3/4	3,240.36	3/4	3,599.67

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 INNAG GAUGES TAKEN WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 STBD
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	3,607.16	0	3,966.29	0	4,325.43	0	4,682.78	0	5,039.65	0		0		0		0		0	
1/4	3,614.64	1/4	3,973.77	1/4	4,332.91	1/4	4,690.21	1/4	5,046.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,622.12	1/2	3,981.26	1/2	4,340.39	1/2	4,697.65	1/2	5,053.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.60	3/4	3,988.74	3/4	4,347.87	3/4	4,705.08	3/4	5,061.02	3/4		3/4		3/4		3/4		3/4	
1	3,637.08	1	3,996.22	1	4,355.36	1	4,712.52	1	5,068.14	1		1		1		1		1	
1/4	3,644.57	1/4	4,003.70	1/4	4,362.84	1/4	4,719.95	1/4	5,074.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.05	1/2	4,011.18	1/2	4,370.32	1/2	4,727.39	1/2	5,080.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,659.53	3/4	4,018.67	3/4	4,377.80	3/4	4,734.82	3/4	5,086.70	3/4		3/4		3/4		3/4		3/4	
2	3,667.01	2	4,026.15	2	4,385.28	2	4,742.26	2	5,092.89	2		2		2		2		2	
1/4	3,674.49	1/4	4,033.63	1/4	4,392.74	1/4	4,749.69	1/4	5,097.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,681.98	1/2	4,041.11	1/2	4,400.20	1/2	4,757.13	1/2	5,102.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,689.46	3/4	4,048.59	3/4	4,407.66	3/4	4,764.56	3/4	5,107.71	3/4		3/4		3/4		3/4		3/4	
3	3,696.94	3	4,056.08	3	4,415.12	3	4,772.00	3		3		3		3		3		3	
1/4	3,704.42	1/4	4,063.56	1/4	4,422.56	1/4	4,779.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.90	1/2	4,071.04	1/2	4,429.99	1/2	4,786.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,719.39	3/4	4,078.52	3/4	4,437.43	3/4	4,794.30	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,726.87	4	4,086.00	4	4,444.86	4	4,801.74	4		4		4		4		4		4	
1/4	3,734.35	1/4	4,093.49	1/4	4,452.30	1/4	4,809.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.83	1/2	4,100.97	1/2	4,459.73	1/2	4,816.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,749.31	3/4	4,108.45	3/4	4,467.17	3/4	4,824.04	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,756.80	5	4,115.93	5	4,474.60	5	4,831.48	5		5		5		5		5		5	
1/4	3,764.28	1/4	4,123.41	1/4	4,482.04	1/4	4,838.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.76	1/2	4,130.90	1/2	4,489.47	1/2	4,846.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,779.24	3/4	4,138.38	3/4	4,496.91	3/4	4,853.78	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,786.72	6	4,145.86	6	4,504.34	6	4,861.22	6		6		6		6		6		6	
1/4	3,794.21	1/4	4,153.34	1/4	4,511.78	1/4	4,868.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,801.69	1/2	4,160.82	1/2	4,519.21	1/2	4,876.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,809.17	3/4	4,168.31	3/4	4,526.64	3/4	4,883.52	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,816.65	7	4,175.79	7	4,534.08	7	4,890.95	7		7		7		7		7		7	
1/4	3,824.13	1/4	4,183.27	1/4	4,541.51	1/4	4,898.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,831.62	1/2	4,190.75	1/2	4,548.95	1/2	4,905.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,839.10	3/4	4,198.23	3/4	4,556.38	3/4	4,913.26	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,846.58	8	4,205.72	8	4,563.82	8	4,920.69	8		8		8		8		8		8	
1/4	3,854.06	1/4	4,213.20	1/4	4,571.25	1/4	4,928.13	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,861.54	1/2	4,220.68	1/2	4,578.69	1/2	4,935.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,869.03	3/4	4,228.16	3/4	4,586.12	3/4	4,943.00	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,876.51	9	4,235.64	9	4,593.56	9	4,950.43	9		9		9		9		9		9	
1/4	3,883.99	1/4	4,243.13	1/4	4,600.99	1/4	4,957.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,891.47	1/2	4,250.61	1/2	4,608.43	1/2	4,965.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,898.95	3/4	4,258.09	3/4	4,615.86	3/4	4,972.74	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,906.44	10	4,265.57	10	4,623.30	10	4,980.17	10		10		10		10		10		10	
1/4	3,913.92	1/4	4,273.05	1/4	4,630.73	1/4	4,987.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,921.40	1/2	4,280.54	1/2	4,638.17	1/2	4,995.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,928.88	3/4	4,288.02	3/4	4,645.60	3/4	5,002.48	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,936.36	11	4,295.50	11	4,653.04	11	5,009.91	11		11		11		11		11		11	
1/4	3,943.85	1/4	4,302.98	1/4	4,660.47	1/4	5,017.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,951.33	1/2	4,310.46	1/2	4,667.91	1/2	5,024.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,958.81	3/4	4,317.95	3/4	4,675.34	3/4	5,032.22	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

3 PORT INNAGE TABLE

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	24.38	0	372.15	0	729.42	0	1,084.91	0	1,429.50	0	1,785.47	0	2,141.43	0	2,498.74	0	2,855.50	0	3,212.01
1/4	29.96	1/4	379.59	1/4	736.87	1/4	1,092.07	1/4	1,436.95	1/4	1,792.86	1/4	2,148.88	1/4	2,506.19	1/4	2,862.93	1/4	3,219.43
1/2	35.54	1/2	387.03	1/2	744.31	1/2	1,099.22	1/2	1,444.39	1/2	1,800.25	1/2	2,156.32	1/2	2,513.63	1/2	2,870.36	1/2	3,226.86
3/4	41.12	3/4	394.48	3/4	751.75	3/4	1,106.38	3/4	1,451.84	3/4	1,807.63	3/4	2,163.77	3/4	2,521.07	3/4	2,877.79	3/4	3,234.29
1	46.70	1	401.92	1	759.20	1	1,113.53	1	1,459.28	1	1,815.02	1	2,171.21	1	2,528.52	1	2,885.22	1	3,241.71
1/4	53.66	1/4	409.36	1/4	766.64	1/4	1,120.66	1/4	1,466.72	1/4	1,822.41	1/4	2,178.65	1/4	2,535.96	1/4	2,892.65	1/4	3,249.14
1/2	60.62	1/2	416.81	1/2	774.08	1/2	1,127.78	1/2	1,474.17	1/2	1,829.80	1/2	2,186.10	1/2	2,543.41	1/2	2,900.07	1/2	3,256.57
3/4	67.57	3/4	424.25	3/4	781.53	3/4	1,134.90	3/4	1,481.61	3/4	1,837.19	3/4	2,193.54	3/4	2,550.85	3/4	2,907.50	3/4	3,263.99
2	74.53	2	431.69	2	788.97	2	1,142.03	2	1,489.06	2	1,844.57	2	2,200.99	2	2,558.29	2	2,914.93	2	3,271.42
1/4	81.95	1/4	439.13	1/4	796.41	1/4	1,149.15	1/4	1,496.50	1/4	1,851.96	1/4	2,208.43	1/4	2,565.73	1/4	2,922.36	1/4	3,278.85
1/2	89.37	1/2	446.58	1/2	803.86	1/2	1,156.27	1/2	1,503.94	1/2	1,859.35	1/2	2,215.87	1/2	2,573.17	1/2	2,929.79	1/2	3,286.27
3/4	96.79	3/4	454.02	3/4	811.30	3/4	1,163.40	3/4	1,511.39	3/4	1,866.74	3/4	2,223.32	3/4	2,580.60	3/4	2,937.22	3/4	3,293.70
3	104.21	3	461.46	3	818.74	3	1,170.52	3	1,518.83	3	1,874.13	3	2,230.76	3	2,588.04	3	2,944.65	3	3,301.12
1/4	111.65	1/4	468.91	1/4	826.19	1/4	1,177.64	1/4	1,526.28	1/4	1,881.51	1/4	2,238.21	1/4	2,595.47	1/4	2,952.08	1/4	3,308.55
1/2	119.09	1/2	476.35	1/2	833.63	1/2	1,184.76	1/2	1,533.72	1/2	1,888.90	1/2	2,245.65	1/2	2,602.90	1/2	2,959.51	1/2	3,315.98
3/4	126.52	3/4	483.79	3/4	841.07	3/4	1,191.89	3/4	1,541.16	3/4	1,896.29	3/4	2,253.09	3/4	2,610.33	3/4	2,966.93	3/4	3,323.40
4	133.96	4	491.24	4	848.52	4	1,199.01	4	1,548.61	4	1,903.68	4	2,260.54	4	2,617.76	4	2,974.36	4	3,330.83
1/4	141.40	1/4	498.68	1/4	855.96	1/4	1,206.13	1/4	1,556.05	1/4	1,911.07	1/4	2,267.98	1/4	2,625.19	1/4	2,981.79	1/4	3,338.26
1/2	148.85	1/2	506.12	1/2	863.40	1/2	1,213.25	1/2	1,563.50	1/2	1,918.45	1/2	2,275.43	1/2	2,632.62	1/2	2,989.22	1/2	3,345.68
3/4	156.29	3/4	513.57	3/4	870.85	3/4	1,220.37	3/4	1,570.94	3/4	1,925.84	3/4	2,282.87	3/4	2,640.05	3/4	2,996.64	3/4	3,353.11
5	163.73	5	521.01	5	878.29	5	1,227.50	5	1,578.38	5	1,933.23	5	2,290.31	5	2,647.48	5	3,004.07	5	3,360.54
1/4	171.18	1/4	528.45	1/4	885.73	1/4	1,234.62	1/4	1,585.81	1/4	1,940.63	1/4	2,297.76	1/4	2,654.90	1/4	3,011.49	1/4	3,367.96
1/2	178.62	1/2	535.90	1/2	893.18	1/2	1,241.74	1/2	1,593.24	1/2	1,948.03	1/2	2,305.20	1/2	2,662.33	1/2	3,018.92	1/2	3,375.39
3/4	186.06	3/4	543.34	3/4	900.62	3/4	1,248.86	3/4	1,600.67	3/4	1,955.44	3/4	2,312.64	3/4	2,669.76	3/4	3,026.35	3/4	3,382.81
6	193.51	6	550.78	6	908.06	6	1,255.99	6	1,608.10	6	1,962.84	6	2,320.09	6	2,677.19	6	3,033.77	6	3,390.24
1/4	200.95	1/4	558.23	1/4	915.50	1/4	1,263.11	1/4	1,615.50	1/4	1,970.27	1/4	2,327.53	1/4	2,684.62	1/4	3,041.20	1/4	3,397.67
1/2	208.39	1/2	565.67	1/2	922.95	1/2	1,270.23	1/2	1,622.91	1/2	1,977.70	1/2	2,334.98	1/2	2,692.05	1/2	3,048.63	1/2	3,405.09
3/4	215.84	3/4	573.11	3/4	930.39	3/4	1,277.35	3/4	1,630.31	3/4	1,985.13	3/4	2,342.42	3/4	2,699.48	3/4	3,056.05	3/4	3,412.52
7	223.28	7	580.56	7	937.83	7	1,284.48	7	1,637.71	7	1,992.56	7	2,349.86	7	2,706.91	7	3,063.48	7	3,419.95
1/4	230.72	1/4	588.00	1/4	945.27	1/4	1,291.60	1/4	1,645.10	1/4	2,000.00	1/4	2,357.31	1/4	2,714.34	1/4	3,070.91	1/4	3,427.37
1/2	238.17	1/2	595.44	1/2	952.72	1/2	1,298.72	1/2	1,652.49	1/2	2,007.44	1/2	2,364.75	1/2	2,721.77	1/2	3,078.33	1/2	3,434.80
3/4	245.61	3/4	602.89	3/4	960.16	3/4	1,305.84	3/4	1,659.87	3/4	2,014.89	3/4	2,372.20	3/4	2,729.20	3/4	3,085.76	3/4	3,442.23
8	253.05	8	610.33	8	967.60	8	1,312.96	8	1,667.26	8	2,022.33	8	2,379.64	8	2,736.63	8	3,093.19	8	3,449.65
1/4	260.50	1/4	617.77	1/4	975.05	1/4	1,320.09	1/4	1,674.65	1/4	2,029.78	1/4	2,387.08	1/4	2,744.06	1/4	3,100.61	1/4	3,457.08
1/2	267.94	1/2	625.22	1/2	982.49	1/2	1,327.21	1/2	1,682.04	1/2	2,037.22	1/2	2,394.53	1/2	2,751.49	1/2	3,108.04	1/2	3,464.51
3/4	275.38	3/4	632.66	3/4	989.93	3/4	1,334.33	3/4	1,689.43	3/4	2,044.66	3/4	2,401.97	3/4	2,758.92	3/4	3,115.46	3/4	3,471.93
9	282.83	9	640.10	9	997.38	9	1,341.45	9	1,696.81	9	2,052.11	9	2,409.42	9	2,766.35	9	3,122.89	9	3,479.36
1/4	290.27	1/4	647.55	1/4	1,004.77	1/4	1,348.66	1/4	1,704.20	1/4	2,059.55	1/4	2,416.86	1/4	2,773.78	1/4	3,130.32	1/4	3,486.78
1/2	297.71	1/2	654.99	1/2	1,012.16	1/2	1,355.86	1/2	1,711.59	1/2	2,067.00	1/2	2,424.30	1/2	2,781.20	1/2	3,137.74	1/2	3,494.21
3/4	305.16	3/4	662.43	3/4	1,019.55	3/4	1,363.07	3/4	1,718.98	3/4	2,074.44	3/4	2,431.75	3/4	2,788.63	3/4	3,145.17	3/4	3,501.64
10	312.60	10	669.88	10	1,026.94	10	1,370.27	10	1,726.37	10	2,081.88	10	2,439.19	10	2,796.06	10	3,152.60	10	3,509.06
1/4	320.04	1/4	677.32	1/4	1,034.23	1/4	1,377.63	1/4	1,733.75	1/4	2,089.33	1/4	2,446.63	1/4	2,803.49	1/4	3,160.02	1/4	3,515.35
1/2	327.49	1/2	684.76	1/2	1,041.51	1/2	1,385.00	1/2	1,741.14	1/2	2,096.77	1/2	2,454.08	1/2	2,810.92	1/2	3,167.45	1/2	3,521.63
3/4	334.93	3/4	692.21	3/4	1,048.80	3/4	1,392.36	3/4	1,748.53	3/4	2,104.22	3/4	2,461.52	3/4	2,818.35	3/4	3,174.88	3/4	3,527.92
11	342.37	11	699.65	11	1,056.09	11	1,399.73	11	1,755.92	11	2,111.66	11	2,468.97	11	2,825.78	11	3,182.30	11	3,534.21
1/4	349.82	1/4	707.09	1/4	1,063.29	1/4	1,407.17	1/4	1,763.31	1/4	2,119.10	1/4	2,476.41	1/4	2,833.21	1/4	3,189.73	1/4	3,539.35
1/2	357.26	1/2	714.54	1/2	1,070.50	1/2	1,414.62	1/2	1,770.69	1/2	2,126.55	1/2	2,483.85	1/2	2,840.64	1/2	3,197.15	1/2	3,544.50
3/4	364.70	3/4	721.98	3/4	1,077.71	3/4	1,422.06	3/4	1,778.08	3/4	2,133.99	3/4	2,491.30	3/4	2,848.07	3/4	3,204.58	3/4	3,549.64

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 WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**3 PORT
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	3,554.79	0	3,801.79	0	4,048.80	0	4,294.55	0	4,539.98	0		0		0		0		0	
1/4	3,559.94	1/4	3,806.94	1/4	4,053.94	1/4	4,299.66	1/4	4,544.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,565.08	1/2	3,812.08	1/2	4,059.09	1/2	4,304.78	1/2	4,549.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,570.23	3/4	3,817.23	3/4	4,064.23	3/4	4,309.89	3/4	4,554.39	3/4		3/4		3/4		3/4		3/4	
1	3,575.37	1	3,822.38	1	4,069.38	1	4,315.00	1	4,559.19	1		1		1		1		1	
1/4	3,580.52	1/4	3,827.52	1/4	4,074.53	1/4	4,320.12	1/4	4,563.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,585.67	1/2	3,832.67	1/2	4,079.67	1/2	4,325.23	1/2	4,566.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,590.81	3/4	3,837.81	3/4	4,084.82	3/4	4,330.34	3/4	4,570.81	3/4		3/4		3/4		3/4		3/4	
2	3,595.96	2	3,842.96	2	4,089.96	2	4,335.46	2	4,574.68	2		2		2		2		2	
1/4	3,601.10	1/4	3,848.11	1/4	4,095.09	1/4	4,340.57	1/4	4,577.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.25	1/2	3,853.25	1/2	4,100.22	1/2	4,345.68	1/2	4,579.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,611.39	3/4	3,858.40	3/4	4,105.35	3/4	4,350.80	3/4	4,582.56	3/4		3/4		3/4		3/4		3/4	
3	3,616.54	3	3,863.54	3	4,110.48	3	4,355.91	3		3		3		3		3		3	
1/4	3,621.69	1/4	3,868.69	1/4	4,115.59	1/4	4,361.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,626.83	1/2	3,873.84	1/2	4,120.70	1/2	4,366.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,631.98	3/4	3,878.98	3/4	4,125.82	3/4	4,371.25	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,637.12	4	3,884.13	4	4,130.93	4	4,376.36	4		4		4		4		4		4	
1/4	3,642.27	1/4	3,889.27	1/4	4,136.04	1/4	4,381.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,647.42	1/2	3,894.42	1/2	4,141.16	1/2	4,386.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,652.56	3/4	3,899.56	3/4	4,146.27	3/4	4,391.70	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,657.71	5	3,904.71	5	4,151.38	5	4,396.82	5		5		5		5		5		5	
1/4	3,662.85	1/4	3,909.86	1/4	4,156.49	1/4	4,401.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,668.00	1/2	3,915.00	1/2	4,161.61	1/2	4,407.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,673.15	3/4	3,920.15	3/4	4,166.72	3/4	4,412.15	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,678.29	6	3,925.29	6	4,171.83	6	4,417.27	6		6		6		6		6		6	
1/4	3,683.44	1/4	3,930.44	1/4	4,176.95	1/4	4,422.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,688.58	1/2	3,935.59	1/2	4,182.06	1/2	4,427.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,693.73	3/4	3,940.73	3/4	4,187.17	3/4	4,432.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,698.87	7	3,945.88	7	4,192.29	7	4,437.72	7		7		7		7		7		7	
1/4	3,704.02	1/4	3,951.02	1/4	4,197.40	1/4	4,442.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,709.17	1/2	3,956.17	1/2	4,202.51	1/2	4,447.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,714.31	3/4	3,961.32	3/4	4,207.63	3/4	4,453.06	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,719.46	8	3,966.46	8	4,212.74	8	4,458.17	8		8		8		8		8		8	
1/4	3,724.60	1/4	3,971.61	1/4	4,217.85	1/4	4,463.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,729.75	1/2	3,976.75	1/2	4,222.97	1/2	4,468.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,734.90	3/4	3,981.90	3/4	4,228.08	3/4	4,473.51	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,740.04	9	3,987.05	9	4,233.19	9	4,478.63	9		9		9		9		9		9	
1/4	3,745.19	1/4	3,992.19	1/4	4,238.31	1/4	4,483.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,750.33	1/2	3,997.34	1/2	4,243.42	1/2	4,488.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,755.48	3/4	4,002.48	3/4	4,248.53	3/4	4,493.97	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,760.63	10	4,007.63	10	4,253.65	10	4,499.08	10		10		10		10		10		10	
1/4	3,765.77	1/4	4,012.77	1/4	4,258.76	1/4	4,504.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,770.92	1/2	4,017.92	1/2	4,263.87	1/2	4,509.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.06	3/4	4,023.07	3/4	4,268.99	3/4	4,514.42	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,781.21	11	4,028.21	11	4,274.10	11	4,519.53	11		11		11		11		11		11	
1/4	3,786.36	1/4	4,033.36	1/4	4,279.21	1/4	4,524.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,791.50	1/2	4,038.50	1/2	4,284.32	1/2	4,529.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,796.65	3/4	4,043.65	3/4	4,289.44	3/4	4,534.87	3/4		3/4		3/4		3/4		3/4		3/4	

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

3 STBD
INNAGE TABLE

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	24.51	0	372.93	0	730.87	0	1,088.79	0	1,445.48	0	1,803.44	0	2,161.39	0	2,519.35	0	2,876.75	0	3,233.90
1/4	30.10	1/4	380.39	1/4	738.33	1/4	1,096.23	1/4	1,452.94	1/4	1,810.89	1/4	2,168.85	1/4	2,526.81	1/4	2,884.19	1/4	3,241.34
1/2	35.69	1/2	387.85	1/2	745.79	1/2	1,103.66	1/2	1,460.40	1/2	1,818.35	1/2	2,176.31	1/2	2,534.26	1/2	2,891.63	1/2	3,248.78
3/4	41.29	3/4	395.30	3/4	753.24	3/4	1,111.10	3/4	1,467.85	3/4	1,825.81	3/4	2,183.76	3/4	2,541.72	3/4	2,899.08	3/4	3,256.22
1	46.88	1	402.76	1	760.70	1	1,118.54	1	1,475.31	1	1,833.27	1	2,191.22	1	2,549.18	1	2,906.52	1	3,263.66
1/4	53.85	1/4	410.22	1/4	768.16	1/4	1,125.96	1/4	1,482.77	1/4	1,840.72	1/4	2,198.68	1/4	2,556.63	1/4	2,913.96	1/4	3,271.10
1/2	60.82	1/2	417.67	1/2	775.62	1/2	1,133.39	1/2	1,490.23	1/2	1,848.18	1/2	2,206.14	1/2	2,564.09	1/2	2,921.41	1/2	3,278.54
3/4	67.79	3/4	425.13	3/4	783.07	3/4	1,140.82	3/4	1,497.68	3/4	1,855.64	3/4	2,213.59	3/4	2,571.55	3/4	2,928.85	3/4	3,285.98
2	74.77	2	432.59	2	790.53	2	1,148.24	2	1,505.14	2	1,863.10	2	2,221.05	2	2,579.01	2	2,936.29	2	3,293.42
1/4	82.20	1/4	440.05	1/4	797.99	1/4	1,155.67	1/4	1,512.60	1/4	1,870.55	1/4	2,228.51	1/4	2,586.46	1/4	2,943.73	1/4	3,300.86
1/2	89.63	1/2	447.50	1/2	805.44	1/2	1,163.09	1/2	1,520.06	1/2	1,878.01	1/2	2,235.97	1/2	2,593.91	1/2	2,951.18	1/2	3,308.30
3/4	97.07	3/4	454.96	3/4	812.90	3/4	1,170.51	3/4	1,527.51	3/4	1,885.47	3/4	2,243.42	3/4	2,601.35	3/4	2,958.62	3/4	3,315.74
3	104.50	3	462.42	3	820.36	3	1,177.94	3	1,534.97	3	1,892.93	3	2,250.88	3	2,608.80	3	2,966.06	3	3,323.18
1/4	111.95	1/4	469.87	1/4	827.81	1/4	1,185.36	1/4	1,542.43	1/4	1,900.38	1/4	2,258.34	1/4	2,616.25	1/4	2,973.50	1/4	3,330.62
1/2	119.40	1/2	477.33	1/2	835.27	1/2	1,192.79	1/2	1,549.89	1/2	1,907.84	1/2	2,265.80	1/2	2,623.69	1/2	2,980.94	1/2	3,338.06
3/4	126.86	3/4	484.79	3/4	842.73	3/4	1,200.21	3/4	1,557.34	3/4	1,915.30	3/4	2,273.25	3/4	2,631.13	3/4	2,988.39	3/4	3,345.50
4	134.31	4	492.25	4	850.19	4	1,207.64	4	1,564.80	4	1,922.76	4	2,280.71	4	2,638.58	4	2,995.83	4	3,352.94
1/4	141.76	1/4	499.70	1/4	857.64	1/4	1,215.06	1/4	1,572.26	1/4	1,930.21	1/4	2,288.17	1/4	2,646.02	1/4	3,003.27	1/4	3,360.38
1/2	149.22	1/2	507.16	1/2	865.10	1/2	1,222.48	1/2	1,579.72	1/2	1,937.67	1/2	2,295.63	1/2	2,653.46	1/2	3,010.71	1/2	3,367.82
3/4	156.68	3/4	514.62	3/4	872.56	3/4	1,229.91	3/4	1,587.17	3/4	1,945.13	3/4	2,303.08	3/4	2,660.90	3/4	3,018.15	3/4	3,375.26
5	164.13	5	522.07	5	880.01	5	1,237.33	5	1,594.63	5	1,952.59	5	2,310.54	5	2,668.35	5	3,025.59	5	3,382.70
1/4	171.59	1/4	529.53	1/4	887.47	1/4	1,244.76	1/4	1,602.09	1/4	1,960.04	1/4	2,318.00	1/4	2,675.79	1/4	3,033.03	1/4	3,390.14
1/2	179.05	1/2	536.99	1/2	894.93	1/2	1,252.18	1/2	1,609.55	1/2	1,967.50	1/2	2,325.46	1/2	2,683.23	1/2	3,040.47	1/2	3,397.58
3/4	186.50	3/4	544.45	3/4	902.39	3/4	1,259.60	3/4	1,617.00	3/4	1,974.96	3/4	2,332.91	3/4	2,690.68	3/4	3,047.91	3/4	3,405.02
6	193.96	6	551.90	6	909.84	6	1,267.03	6	1,624.46	6	1,982.42	6	2,340.37	6	2,698.12	6	3,055.35	6	3,412.46
1/4	201.42	1/4	559.36	1/4	917.30	1/4	1,274.45	1/4	1,631.92	1/4	1,989.87	1/4	2,347.83	1/4	2,705.56	1/4	3,062.79	1/4	3,419.90
1/2	208.88	1/2	566.82	1/2	924.76	1/2	1,281.88	1/2	1,639.37	1/2	1,997.33	1/2	2,355.29	1/2	2,713.00	1/2	3,070.23	1/2	3,427.34
3/4	216.33	3/4	574.27	3/4	932.21	3/4	1,289.30	3/4	1,646.83	3/4	2,004.79	3/4	2,362.74	3/4	2,720.45	3/4	3,077.66	3/4	3,434.78
7	223.79	7	581.73	7	939.67	7	1,296.72	7	1,654.29	7	2,012.24	7	2,370.20	7	2,727.89	7	3,085.10	7	3,442.22
1/4	231.25	1/4	589.19	1/4	947.13	1/4	1,304.15	1/4	1,661.75	1/4	2,019.70	1/4	2,377.66	1/4	2,735.33	1/4	3,092.54	1/4	3,449.65
1/2	238.70	1/2	596.64	1/2	954.59	1/2	1,311.57	1/2	1,669.20	1/2	2,027.16	1/2	2,385.11	1/2	2,742.78	1/2	3,099.98	1/2	3,457.09
3/4	246.16	3/4	604.10	3/4	962.04	3/4	1,319.00	3/4	1,676.66	3/4	2,034.62	3/4	2,392.57	3/4	2,750.22	3/4	3,107.42	3/4	3,464.53
8	253.62	8	611.56	8	969.50	8	1,326.42	8	1,684.12	8	2,042.07	8	2,400.03	8	2,757.66	8	3,114.86	8	3,471.97
1/4	261.08	1/4	619.02	1/4	976.96	1/4	1,333.84	1/4	1,691.58	1/4	2,049.53	1/4	2,407.49	1/4	2,765.10	1/4	3,122.30	1/4	3,479.41
1/2	268.53	1/2	626.47	1/2	984.41	1/2	1,341.27	1/2	1,699.03	1/2	2,056.99	1/2	2,414.94	1/2	2,772.55	1/2	3,129.74	1/2	3,486.85
3/4	275.99	3/4	633.93	3/4	991.87	3/4	1,348.69	3/4	1,706.49	3/4	2,064.45	3/4	2,422.40	3/4	2,779.99	3/4	3,137.18	3/4	3,494.29
9	283.45	9	641.39	9	999.33	9	1,356.12	9	1,713.95	9	2,071.90	9	2,429.86	9	2,787.43	9	3,144.62	9	3,501.73
1/4	290.90	1/4	648.84	1/4	1,006.79	1/4	1,363.55	1/4	1,721.41	1/4	2,079.36	1/4	2,437.32	1/4	2,794.88	1/4	3,152.06	1/4	3,509.17
1/2	298.36	1/2	656.30	1/2	1,014.24	1/2	1,370.98	1/2	1,728.86	1/2	2,086.82	1/2	2,444.77	1/2	2,802.32	1/2	3,159.50	1/2	3,516.61
3/4	305.82	3/4	663.76	3/4	1,021.70	3/4	1,378.42	3/4	1,736.32	3/4	2,094.28	3/4	2,452.23	3/4	2,809.76	3/4	3,166.94	3/4	3,524.05
10	313.28	10	671.22	10	1,029.16	10	1,385.85	10	1,743.78	10	2,101.73	10	2,459.69	10	2,817.20	10	3,174.38	10	3,531.49
1/4	320.73	1/4	678.67	1/4	1,036.61	1/4	1,393.30	1/4	1,751.24	1/4	2,109.19	1/4	2,467.15	1/4	2,824.65	1/4	3,181.82	1/4	3,537.99
1/2	328.19	1/2	686.13	1/2	1,044.07	1/2	1,400.75	1/2	1,758.69	1/2	2,116.65	1/2	2,474.60	1/2	2,832.09	1/2	3,189.26	1/2	3,544.08
3/4	335.65	3/4	693.59	3/4	1,051.53	3/4	1,408.20	3/4	1,766.15	3/4	2,124.11	3/4	2,482.06	3/4	2,839.53	3/4	3,196.70	3/4	3,550.38
11	343.10	11	701.04	11	1,058.99	11	1,415.65	11	1,773.61	11	2,131.56	11	2,489.52	11	2,846.98	11	3,204.14	11	3,556.67
1/4	350.56	1/4	708.50	1/4	1,066.44	1/4	1,423.11	1/4	1,781.07	1/4	2,139.02	1/4	2,496.98	1/4	2,854.42	1/4	3,211.58	1/4	3,561.82
1/2	358.02	1/2	715.96	1/2	1,073.89	1/2	1,430.57	1/2	1,788.52	1/2	2,146.48	1/2	2,504.43	1/2	2,861.86	1/2	3,219.02	1/2	3,566.97
3/4	365.47	3/4	723.42	3/4	1,081.34	3/4	1,438.02	3/4	1,795.98	3/4	2,153.94	3/4	2,511.89	3/4	2,869.30	3/4	3,226.46	3/4	3,572.11

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 WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**3 STBD
INNAGE TABLE**

THIS SIDE FOR INNAGE FOR ULLAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	3,577.26	0	3,824.35	0	4,071.44	0	4,317.29	0	4,562.81	0		0		0		0		0	
1/4	3,582.41	1/4	3,829.50	1/4	4,076.59	1/4	4,322.40	1/4	4,567.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.56	1/2	3,834.65	1/2	4,081.74	1/2	4,327.52	1/2	4,572.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,592.70	3/4	3,839.79	3/4	4,086.88	3/4	4,332.63	3/4	4,577.22	3/4		3/4		3/4		3/4		3/4	
1	3,597.85	1	3,844.94	1	4,092.03	1	4,337.75	1	4,582.03	1		1		1		1		1	
1/4	3,603.00	1/4	3,850.09	1/4	4,097.18	1/4	4,342.86	1/4	4,585.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.15	1/2	3,855.24	1/2	4,102.33	1/2	4,347.98	1/2	4,589.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,613.30	3/4	3,860.39	3/4	4,107.47	3/4	4,353.09	3/4	4,593.65	3/4		3/4		3/4		3/4		3/4	
2	3,618.44	2	3,865.53	2	4,112.62	2	4,358.21	2	4,597.52	2		2		2		2		2	
1/4	3,623.59	1/4	3,870.68	1/4	4,117.75	1/4	4,363.32	1/4	4,600.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,628.74	1/2	3,875.83	1/2	4,122.88	1/2	4,368.44	1/2	4,602.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.89	3/4	3,880.98	3/4	4,128.01	3/4	4,373.55	3/4	4,605.41	3/4		3/4		3/4		3/4		3/4	
3	3,639.03	3	3,886.12	3	4,133.15	3	4,378.67	3		3		3		3		3		3	
1/4	3,644.18	1/4	3,891.27	1/4	4,138.26	1/4	4,383.78	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,649.33	1/2	3,896.42	1/2	4,143.38	1/2	4,388.90	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,654.48	3/4	3,901.57	3/4	4,148.49	3/4	4,394.01	3/4		3/4		3/4		3/4		3/4		3/4	
4	3,659.63	4	3,906.71	4	4,153.61	4	4,399.13	4		4		4		4		4		4	
1/4	3,664.77	1/4	3,911.86	1/4	4,158.72	1/4	4,404.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,669.92	1/2	3,917.01	1/2	4,163.84	1/2	4,409.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,675.07	3/4	3,922.16	3/4	4,168.95	3/4	4,414.47	3/4		3/4		3/4		3/4		3/4		3/4	
5	3,680.22	5	3,927.31	5	4,174.07	5	4,419.59	5		5		5		5		5		5	
1/4	3,685.36	1/4	3,932.45	1/4	4,179.18	1/4	4,424.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,690.51	1/2	3,937.60	1/2	4,184.30	1/2	4,429.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,695.66	3/4	3,942.75	3/4	4,189.41	3/4	4,434.93	3/4		3/4		3/4		3/4		3/4		3/4	
6	3,700.81	6	3,947.90	6	4,194.53	6	4,440.05	6		6		6		6		6		6	
1/4	3,705.95	1/4	3,953.04	1/4	4,199.64	1/4	4,445.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,711.10	1/2	3,958.19	1/2	4,204.76	1/2	4,450.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,716.25	3/4	3,963.34	3/4	4,209.87	3/4	4,455.39	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,721.40	7	3,968.49	7	4,214.99	7	4,460.51	7		7		7		7		7		7	
1/4	3,726.55	1/4	3,973.63	1/4	4,220.10	1/4	4,465.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,731.69	1/2	3,978.78	1/2	4,225.22	1/2	4,470.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,736.84	3/4	3,983.93	3/4	4,230.33	3/4	4,475.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,741.99	8	3,989.08	8	4,235.45	8	4,480.97	8		8		8		8		8		8	
1/4	3,747.14	1/4	3,994.23	1/4	4,240.56	1/4	4,486.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,752.28	1/2	3,999.37	1/2	4,245.68	1/2	4,491.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,757.43	3/4	4,004.52	3/4	4,250.79	3/4	4,496.31	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,762.58	9	4,009.67	9	4,255.91	9	4,501.43	9		9		9		9		9		9	
1/4	3,767.73	1/4	4,014.82	1/4	4,261.02	1/4	4,506.54	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,772.87	1/2	4,019.96	1/2	4,266.14	1/2	4,511.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,778.02	3/4	4,025.11	3/4	4,271.25	3/4	4,516.77	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,783.17	10	4,030.26	10	4,276.37	10	4,521.89	10		10		10		10		10		10	
1/4	3,788.32	1/4	4,035.41	1/4	4,281.48	1/4	4,527.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.47	1/2	4,040.55	1/2	4,286.60	1/2	4,532.12	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.61	3/4	4,045.70	3/4	4,291.71	3/4	4,537.23	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,803.76	11	4,050.85	11	4,296.83	11	4,542.35	11		11		11		11		11		11	
1/4	3,808.91	1/4	4,056.00	1/4	4,301.94	1/4	4,547.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,814.06	1/2	4,061.15	1/2	4,307.06	1/2	4,552.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,819.20	3/4	4,066.29	3/4	4,312.17	3/4	4,557.69	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

1 PORT
ULLAGE TABLE

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	0	0	0	0	0	0	0	0	4,849.07	0	4,486.99	0	4,122.63	0	3,758.12	0	3,393.47	0	3,028.73		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,841.52	1/4	4,479.45	1/4	4,115.04	1/4	3,750.53	1/4	3,385.87	1/4	3,021.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,182.13	1/2	4,833.98	1/2	4,471.88	1/2	4,107.44	1/2	3,742.93	1/2	3,378.27	1/2	3,013.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,826.44	3/4	4,464.31	3/4	4,099.85	3/4	3,735.34	3/4	3,370.68	3/4	3,005.94		
1	1	1	1	1	1	1	1	1	5,172.11	1	4,818.89	1	4,456.74	1	4,092.26	1	3,727.74	1	3,363.08	1	2,998.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,167.10	1/4	4,811.35	1/4	4,449.17	1/4	4,084.66	1/4	3,720.15	1/4	3,355.48	1/4	2,990.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,160.82	1/2	4,803.81	1/2	4,441.58	1/2	4,077.07	1/2	3,712.56	1/2	3,347.88	1/2	2,983.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,154.54	3/4	4,796.26	3/4	4,433.99	3/4	4,069.47	3/4	3,704.96	3/4	3,340.28	3/4	2,975.54
2	2	2	2	2	2	2	2	2	5,148.27	2	4,788.72	2	4,426.39	2	4,061.88	2	3,697.37	2	3,332.68	2	2,967.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,141.99	1/4	4,781.18	1/4	4,418.80	1/4	4,054.29	1/4	3,689.77	1/4	3,325.08	1/4	2,960.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,134.76	1/2	4,773.63	1/2	4,411.20	1/2	4,046.69	1/2	3,682.18	1/2	3,317.48	1/2	2,952.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,127.53	3/4	4,766.09	3/4	4,403.61	3/4	4,039.10	3/4	3,674.59	3/4	3,309.89	3/4	2,945.15
3	3	3	3	3	3	3	3	3	5,120.30	3	4,758.55	3	4,396.02	3	4,031.50	3	3,666.99	3	3,302.29	3	2,937.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,113.08	1/4	4,751.00	1/4	4,388.42	1/4	4,023.91	1/4	3,659.40	1/4	3,294.69	1/4	2,929.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,105.53	1/2	4,743.46	1/2	4,380.83	1/2	4,016.32	1/2	3,651.80	1/2	3,287.09	1/2	2,922.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,097.99	3/4	4,735.92	3/4	4,373.23	3/4	4,008.72	3/4	3,644.21	3/4	3,279.49	3/4	2,914.75
4	4	4	4	4	4	4	4	4	5,090.45	4	4,728.37	4	4,365.64	4	4,001.13	4	3,636.62	4	3,271.89	4	2,907.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,082.90	1/4	4,720.83	1/4	4,358.05	1/4	3,993.53	1/4	3,629.02	1/4	3,264.29	1/4	2,899.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,075.36	1/2	4,713.29	1/2	4,350.45	1/2	3,985.94	1/2	3,621.43	1/2	3,256.69	1/2	2,891.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,067.82	3/4	4,705.74	3/4	4,342.86	3/4	3,978.35	3/4	3,613.83	3/4	3,249.10	3/4	2,884.36
5	5	5	5	5	5	5	5	5	5,060.27	5	4,698.20	5	4,335.26	5	3,970.75	5	3,606.23	5	3,241.50	5	2,876.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,052.73	1/4	4,690.66	1/4	4,327.67	1/4	3,963.16	1/4	3,598.64	1/4	3,233.90	1/4	2,869.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,045.19	1/2	4,683.11	1/2	4,320.08	1/2	3,955.56	1/2	3,591.04	1/2	3,226.30	1/2	2,861.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,037.65	3/4	4,675.57	3/4	4,312.48	3/4	3,947.97	3/4	3,583.44	3/4	3,218.70	3/4	2,853.96
6	6	6	6	6	6	6	6	6	5,030.10	6	4,668.03	6	4,304.89	6	3,940.38	6	3,575.84	6	3,211.10	6	2,846.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,022.56	1/4	4,660.49	1/4	4,297.29	1/4	3,932.78	1/4	3,568.24	1/4	3,203.50	1/4	2,838.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,015.02	1/2	4,652.94	1/2	4,289.70	1/2	3,925.19	1/2	3,560.64	1/2	3,195.91	1/2	2,831.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,007.47	3/4	4,645.40	3/4	4,282.11	3/4	3,917.59	3/4	3,553.04	3/4	3,188.31	3/4	2,823.57
7	7	7	7	7	7	7	7	7	4,999.93	7	4,637.86	7	4,274.51	7	3,910.00	7	3,545.45	7	3,180.71	7	2,815.97
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,992.39	1/4	4,630.31	1/4	4,266.92	1/4	3,902.41	1/4	3,537.85	1/4	3,173.11	1/4	2,808.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,984.84	1/2	4,622.77	1/2	4,259.32	1/2	3,894.81	1/2	3,530.25	1/2	3,165.51	1/2	2,800.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,977.30	3/4	4,615.23	3/4	4,251.73	3/4	3,887.22	3/4	3,522.65	3/4	3,157.91	3/4	2,793.17
8	8	8	8	8	8	8	8	8	4,969.76	8	4,607.68	8	4,244.14	8	3,879.62	8	3,515.05	8	3,150.31	8	2,785.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,962.21	1/4	4,600.14	1/4	4,236.54	1/4	3,872.03	1/4	3,507.45	1/4	3,142.71	1/4	2,777.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,954.67	1/2	4,592.60	1/2	4,228.95	1/2	3,864.44	1/2	3,499.85	1/2	3,135.12	1/2	2,770.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,947.13	3/4	4,585.05	3/4	4,221.35	3/4	3,856.84	3/4	3,492.25	3/4	3,127.52	3/4	2,762.78
9	9	9	9	9	9	9	9	9	4,939.58	9	4,577.51	9	4,213.76	9	3,849.25	9	3,484.66	9	3,119.92	9	2,755.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,932.04	1/4	4,569.97	1/4	4,206.17	1/4	3,841.65	1/4	3,477.06	1/4	3,112.32	1/4	2,747.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,924.50	1/2	4,562.42	1/2	4,198.57	1/2	3,834.06	1/2	3,469.46	1/2	3,104.72	1/2	2,739.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,916.95	3/4	4,554.88	3/4	4,190.98	3/4	3,826.47	3/4	3,461.86	3/4	3,097.12	3/4	2,732.38
10	10	10	10	10	10	10	10	10	4,909.41	10	4,547.34	10	4,183.38	10	3,818.87	10	3,454.26	10	3,089.52	10	2,724.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,901.87	1/4	4,539.79	1/4	4,175.79	1/4	3,811.28	1/4	3,446.66	1/4	3,081.92	1/4	2,717.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,894.32	1/2	4,532.25	1/2	4,168.20	1/2	3,803.68	1/2	3,439.06	1/2	3,074.33	1/2	2,709.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,886.78	3/4	4,524.71	3/4	4,160.60	3/4	3,796.09	3/4	3,431.46	3/4	3,066.73	3/4	2,701.99
11	11	11	11	11	11	11	11	11	4,879.24	11	4,517.16	11	4,153.01	11	3,788.50	11	3,423.87	11	3,059.13	11	2,694.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,871.69	1/4	4,509.62	1/4	4,145.41	1/4	3,780.90	1/4	3,416.27	1/4	3,051.53	1/4	2,686.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,864.15	1/2	4,502.08	1/2	4,137.82	1/2	3,773.31	1/2	3,408.67	1/2	3,043.93	1/2	2,679.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,856.61	3/4	4,494.53	3/4	4,130.23	3/4	3,765.71	3/4	3,401.07	3/4	3,036.33	3/4	2,671.59

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 AT WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

1 PORT
ULLAGE TABLE

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,664.00	0	2,299.26	0	1,934.52	0	1,569.78	0	1,206.21	0	843.50	0	478.78	0	114.07	0			
1/4	2,656.40	1/4	2,291.66	1/4	1,926.92	1/4	1,562.18	1/4	1,198.68	1/4	835.91	1/4	471.18	1/4	106.48	1/4			
1/2	2,648.80	1/2	2,284.06	1/2	1,919.32	1/2	1,554.59	1/2	1,191.16	1/2	828.31	1/2	463.58	1/2	98.90	1/2			
3/4	2,641.20	3/4	2,276.46	3/4	1,911.72	3/4	1,546.99	3/4	1,183.63	3/4	820.71	3/4	455.98	3/4	91.33	3/4			
1	2,633.60	1	2,268.86	1	1,904.13	1	1,539.39	1	1,176.11	1	813.11	1	448.38	1	83.75	1			
1/4	2,626.00	1/4	2,261.27	1/4	1,896.53	1/4	1,531.79	1/4	1,168.58	1/4	805.51	1/4	440.78	1/4	76.18	1/4			
1/2	2,618.40	1/2	2,253.67	1/2	1,888.93	1/2	1,524.19	1/2	1,161.05	1/2	797.91	1/2	433.19	1/2	69.07	1/2			
3/4	2,610.81	3/4	2,246.07	3/4	1,881.33	3/4	1,516.59	3/4	1,153.52	3/4	790.32	3/4	425.59	3/4	61.97	3/4			
2	2,603.21	2	2,238.47	2	1,873.73	2	1,508.99	2	1,146.00	2	782.72	2	417.99	2	54.87	2			
1/4	2,595.61	1/4	2,230.87	1/4	1,866.13	1/4	1,501.40	1/4	1,138.47	1/4	775.12	1/4	410.39	1/4	47.76	1/4			
1/2	2,588.01	1/2	2,223.27	1/2	1,858.53	1/2	1,493.80	1/2	1,130.93	1/2	767.52	1/2	402.79	1/2	42.06	1/2			
3/4	2,580.41	3/4	2,215.67	3/4	1,850.94	3/4	1,486.20	3/4	1,123.39	3/4	759.92	3/4	395.19	3/4	36.36	3/4			
3	2,572.81	3	2,208.07	3	1,843.34	3	1,478.60	3	1,115.85	3	752.32	3	387.59	3	30.67	3			
1/4	2,565.21	1/4	2,200.48	1/4	1,835.74	1/4	1,471.00	1/4	1,108.32	1/4	744.72	1/4	380.00	1/4	24.97	1/4			
1/2	2,557.61	1/2	2,192.88	1/2	1,828.14	1/2	1,463.40	1/2	1,100.76	1/2	737.13	1/2	372.40	1/2		1/2			
3/4	2,550.02	3/4	2,185.28	3/4	1,820.54	3/4	1,455.80	3/4	1,093.21	3/4	729.53	3/4	364.80	3/4		3/4			
4	2,542.42	4	2,177.68	4	1,812.94	4	1,448.20	4	1,085.66	4	721.93	4	357.20	4		4			
1/4	2,534.82	1/4	2,170.08	1/4	1,805.34	1/4	1,440.61	1/4	1,078.11	1/4	714.33	1/4	349.60	1/4		1/4			
1/2	2,527.22	1/2	2,162.48	1/2	1,797.74	1/2	1,433.01	1/2	1,070.55	1/2	706.73	1/2	342.00	1/2		1/2			
3/4	2,519.62	3/4	2,154.88	3/4	1,790.15	3/4	1,425.42	3/4	1,062.99	3/4	699.13	3/4	334.41	3/4		3/4			
5	2,512.02	5	2,147.28	5	1,782.55	5	1,417.83	5	1,055.43	5	691.53	5	326.81	5		5			
1/4	2,504.42	1/4	2,139.69	1/4	1,774.95	1/4	1,410.24	1/4	1,047.87	1/4	683.94	1/4	319.21	1/4		1/4			
1/2	2,496.82	1/2	2,132.09	1/2	1,767.35	1/2	1,402.66	1/2	1,040.31	1/2	676.34	1/2	311.61	1/2		1/2			
3/4	2,489.23	3/4	2,124.49	3/4	1,759.75	3/4	1,395.09	3/4	1,032.75	3/4	668.74	3/4	304.01	3/4		3/4			
6	2,481.63	6	2,116.89	6	1,752.15	6	1,387.51	6	1,025.19	6	661.14	6	296.41	6		6			
1/4	2,474.03	1/4	2,109.29	1/4	1,744.55	1/4	1,379.94	1/4	1,017.64	1/4	653.54	1/4	288.81	1/4		1/4			
1/2	2,466.43	1/2	2,101.69	1/2	1,736.95	1/2	1,372.37	1/2	1,010.08	1/2	645.94	1/2	281.22	1/2		1/2			
3/4	2,458.83	3/4	2,094.09	3/4	1,729.36	3/4	1,364.81	3/4	1,002.52	3/4	638.35	3/4	273.62	3/4		3/4			
7	2,451.23	7	2,086.50	7	1,721.76	7	1,357.24	7	994.96	7	630.75	7	266.02	7		7			
1/4	2,443.63	1/4	2,078.90	1/4	1,714.16	1/4	1,349.68	1/4	987.40	1/4	623.15	1/4	258.42	1/4		1/4			
1/2	2,436.04	1/2	2,071.30	1/2	1,706.56	1/2	1,342.11	1/2	979.84	1/2	615.55	1/2	250.82	1/2		1/2			
3/4	2,428.44	3/4	2,063.70	3/4	1,698.96	3/4	1,334.55	3/4	972.28	3/4	607.95	3/4	243.22	3/4		3/4			
8	2,420.84	8	2,056.10	8	1,691.36	8	1,326.98	8	964.72	8	600.35	8	235.62	8		8			
1/4	2,413.24	1/4	2,048.50	1/4	1,683.76	1/4	1,319.42	1/4	957.16	1/4	592.75	1/4	228.03	1/4		1/4			
1/2	2,405.64	1/2	2,040.90	1/2	1,676.17	1/2	1,311.85	1/2	949.60	1/2	585.16	1/2	220.43	1/2		1/2			
3/4	2,398.04	3/4	2,033.30	3/4	1,668.57	3/4	1,304.28	3/4	942.05	3/4	577.56	3/4	212.83	3/4		3/4			
9	2,390.44	9	2,025.71	9	1,660.97	9	1,296.72	9	934.49	9	569.96	9	205.23	9		9			
1/4	2,382.84	1/4	2,018.11	1/4	1,653.37	1/4	1,289.15	1/4	926.93	1/4	562.36	1/4	197.63	1/4		1/4			
1/2	2,375.25	1/2	2,010.51	1/2	1,645.77	1/2	1,281.60	1/2	919.36	1/2	554.76	1/2	190.03	1/2		1/2			
3/4	2,367.65	3/4	2,002.91	3/4	1,638.17	3/4	1,274.04	3/4	911.79	3/4	547.16	3/4	182.44	3/4		3/4			
10	2,360.05	10	1,995.31	10	1,630.57	10	1,266.49	10	904.22	10	539.56	10	174.84	10		10			
1/4	2,352.45	1/4	1,987.71	1/4	1,622.97	1/4	1,258.93	1/4	896.65	1/4	531.97	1/4	167.24	1/4		1/4			
1/2	2,344.85	1/2	1,980.11	1/2	1,615.38	1/2	1,251.40	1/2	889.06	1/2	524.37	1/2	159.64	1/2		1/2			
3/4	2,337.25	3/4	1,972.51	3/4	1,607.78	3/4	1,243.86	3/4	881.48	3/4	516.77	3/4	152.04	3/4		3/4			
11	2,329.65	11	1,964.92	11	1,600.18	11	1,236.32	11	873.89	11	509.17	11	144.44	11		11			
1/4	2,322.05	1/4	1,957.32	1/4	1,592.58	1/4	1,228.79	1/4	866.30	1/4	501.57	1/4	136.85	1/4		1/4			
1/2	2,314.46	1/2	1,949.72	1/2	1,584.98	1/2	1,221.26	1/2	858.70	1/2	493.97	1/2	129.25	1/2		1/2			
3/4	2,306.86	3/4	1,942.12	3/4	1,577.38	3/4	1,213.74	3/4	851.10	3/4	486.38	3/4	121.66	3/4		3/4			

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**1 STBD
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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		0		0		0		0	4,850.96	0	4,488.89	0	4,124.53	0	3,760.01	0	3,395.37	0	3,030.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,843.42	1/4	4,481.34	1/4	4,116.93	1/4	3,752.42	1/4	3,387.77	1/4	3,023.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,184.02	1/2	4,835.87	1/2	4,473.77	1/2	4,109.34	1/2	3,744.83	1/2	3,380.17	1/2	3,015.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,828.33	3/4	4,466.21	3/4	4,101.74	3/4	3,737.23	3/4	3,372.57	3/4	3,007.83		
1	1	1	1	1	1	1	1	1	5,174.00	1	4,820.79	1	4,458.64	1	4,094.15	1	3,729.64	1	3,364.97	1	3,000.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,168.99	1/4	4,813.24	1/4	4,451.07	1/4	4,086.56	1/4	3,722.04	1/4	3,357.37	1/4	2,992.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,162.71	1/2	4,805.70	1/2	4,443.47	1/2	4,078.96	1/2	3,714.45	1/2	3,349.77	1/2	2,985.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,798.16	3/4	4,435.88	3/4	4,071.37	3/4	3,706.86	3/4	3,342.18	3/4	2,977.44		
2	2	2	2	2	2	2	2	2	5,150.16	2	4,790.61	2	4,428.29	2	4,063.77	2	3,699.26	2	3,334.58	2	2,969.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,143.88	1/4	4,783.07	1/4	4,420.69	1/4	4,056.18	1/4	3,691.67	1/4	3,326.98	1/4	2,962.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,136.66	1/2	4,775.53	1/2	4,413.10	1/2	4,048.59	1/2	3,684.07	1/2	3,319.38	1/2	2,954.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,129.43	3/4	4,767.98	3/4	4,405.50	3/4	4,040.99	3/4	3,676.48	3/4	3,311.78	3/4	2,947.04
3	3	3	3	3	3	3	3	3	5,122.20	3	4,760.44	3	4,397.91	3	4,033.40	3	3,668.89	3	3,304.18	3	2,939.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,114.97	1/4	4,752.90	1/4	4,390.32	1/4	4,025.80	1/4	3,661.29	1/4	3,296.58	1/4	2,931.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,107.43	1/2	4,745.36	1/2	4,382.72	1/2	4,018.21	1/2	3,653.70	1/2	3,288.98	1/2	2,924.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,099.89	3/4	4,737.81	3/4	4,375.13	3/4	4,010.62	3/4	3,646.10	3/4	3,281.39	3/4	2,916.65
4	4	4	4	4	4	4	4	4	5,092.34	4	4,730.27	4	4,367.53	4	4,003.02	4	3,638.51	4	3,273.79	4	2,909.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,084.80	1/4	4,722.73	1/4	4,359.94	1/4	3,995.43	1/4	3,630.92	1/4	3,266.19	1/4	2,901.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,077.26	1/2	4,715.18	1/2	4,352.35	1/2	3,987.83	1/2	3,623.32	1/2	3,258.59	1/2	2,893.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,069.71	3/4	4,707.64	3/4	4,344.75	3/4	3,980.24	3/4	3,615.72	3/4	3,250.99	3/4	2,886.25
5	5	5	5	5	5	5	5	5	5,062.17	5	4,700.10	5	4,337.16	5	3,972.65	5	3,608.13	5	3,243.39	5	2,878.65
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,054.63	1/4	4,692.55	1/4	4,329.56	1/4	3,965.05	1/4	3,600.53	1/4	3,235.79	1/4	2,871.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,047.08	1/2	4,685.01	1/2	4,321.97	1/2	3,957.46	1/2	3,592.93	1/2	3,228.19	1/2	2,863.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,039.54	3/4	4,677.47	3/4	4,314.38	3/4	3,949.86	3/4	3,585.33	3/4	3,220.60	3/4	2,855.86
6	6	6	6	6	6	6	6	6	5,032.00	6	4,669.92	6	4,306.78	6	3,942.27	6	3,577.74	6	3,213.00	6	2,848.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,024.45	1/4	4,662.38	1/4	4,299.19	1/4	3,934.68	1/4	3,570.14	1/4	3,205.40	1/4	2,840.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,016.91	1/2	4,654.84	1/2	4,291.59	1/2	3,927.08	1/2	3,562.54	1/2	3,197.80	1/2	2,833.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,009.37	3/4	4,647.29	3/4	4,284.00	3/4	3,919.49	3/4	3,554.94	3/4	3,190.20	3/4	2,825.46
7	7	7	7	7	7	7	7	7	5,001.82	7	4,639.75	7	4,276.41	7	3,911.89	7	3,547.34	7	3,182.60	7	2,817.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,994.28	1/4	4,632.21	1/4	4,268.81	1/4	3,904.30	1/4	3,539.74	1/4	3,175.00	1/4	2,810.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,986.74	1/2	4,624.66	1/2	4,261.22	1/2	3,896.71	1/2	3,532.14	1/2	3,167.41	1/2	2,802.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,979.19	3/4	4,617.12	3/4	4,253.62	3/4	3,889.11	3/4	3,524.54	3/4	3,159.81	3/4	2,795.07
8	8	8	8	8	8	8	8	8	4,971.65	8	4,609.58	8	4,246.03	8	3,881.52	8	3,516.95	8	3,152.21	8	2,787.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,964.11	1/4	4,602.03	1/4	4,238.44	1/4	3,873.92	1/4	3,509.35	1/4	3,144.61	1/4	2,779.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,956.56	1/2	4,594.49	1/2	4,230.84	1/2	3,866.33	1/2	3,501.75	1/2	3,137.01	1/2	2,772.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,949.02	3/4	4,586.95	3/4	4,223.25	3/4	3,858.74	3/4	3,494.15	3/4	3,129.41	3/4	2,764.67
9	9	9	9	9	9	9	9	9	4,941.48	9	4,579.40	9	4,215.65	9	3,851.14	9	3,486.55	9	3,121.81	9	2,757.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,933.94	1/4	4,571.86	1/4	4,208.06	1/4	3,843.55	1/4	3,478.95	1/4	3,114.21	1/4	2,749.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,926.39	1/2	4,564.32	1/2	4,200.47	1/2	3,835.95	1/2	3,471.35	1/2	3,106.62	1/2	2,741.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,918.85	3/4	4,556.78	3/4	4,192.87	3/4	3,828.36	3/4	3,463.75	3/4	3,099.02	3/4	2,734.28
10	10	10	10	10	10	10	10	10	4,911.31	10	4,549.23	10	4,185.28	10	3,820.77	10	3,456.16	10	3,091.42	10	2,726.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,903.76	1/4	4,541.69	1/4	4,177.68	1/4	3,813.17	1/4	3,448.56	1/4	3,083.82	1/4	2,719.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,896.22	1/2	4,534.15	1/2	4,170.09	1/2	3,805.58	1/2	3,440.96	1/2	3,076.22	1/2	2,711.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,888.68	3/4	4,526.60	3/4	4,162.50	3/4	3,797.98	3/4	3,433.36	3/4	3,068.62	3/4	2,703.88
11	11	11	11	11	11	11	11	11	4,881.13	11	4,519.06	11	4,154.90	11	3,790.39	11	3,425.76	11	3,061.02	11	2,696.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,873.59	1/4	4,511.52	1/4	4,147.31	1/4	3,782.80	1/4	3,418.16	1/4	3,053.42	1/4	2,688.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,866.05	1/2	4,503.97	1/2	4,139.71	1/2	3,775.20	1/2	3,410.56	1/2	3,045.83	1/2	2,681.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,858.50	3/4	4,496.43	3/4	4,132.12	3/4	3,767.61	3/4	3,402.96	3/4	3,038.23	3/4	2,673.49

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 AT WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

1 STBD
ULLAGE TABLE

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,665.89	0	2,301.15	0	1,936.42	0	1,571.68	0	1,207.83	0	843.50	0	478.78	0	114.07	0			
1/4	2,658.29	1/4	2,293.55	1/4	1,928.82	1/4	1,564.08	1/4	1,200.26	1/4	835.91	1/4	471.18	1/4	106.48	1/4			
1/2	2,650.69	1/2	2,285.96	1/2	1,921.22	1/2	1,556.48	1/2	1,192.70	1/2	828.31	1/2	463.58	1/2	98.90	1/2			
3/4	2,643.09	3/4	2,278.36	3/4	1,913.62	3/4	1,548.88	3/4	1,185.13	3/4	820.71	3/4	455.98	3/4	91.33	3/4			
1	2,635.50	1	2,270.76	1	1,906.02	1	1,541.28	1	1,177.57	1	813.11	1	448.38	1	83.75	1			
1/4	2,627.90	1/4	2,263.16	1/4	1,898.42	1/4	1,533.68	1/4	1,170.00	1/4	805.51	1/4	440.78	1/4	76.18	1/4			
1/2	2,620.30	1/2	2,255.56	1/2	1,890.82	1/2	1,526.09	1/2	1,162.43	1/2	797.91	1/2	433.19	1/2	69.07	1/2			
3/4	2,612.70	3/4	2,247.96	3/4	1,883.22	3/4	1,518.49	3/4	1,154.87	3/4	790.32	3/4	425.59	3/4	61.97	3/4			
2	2,605.10	2	2,240.36	2	1,875.63	2	1,510.89	2	1,147.30	2	782.72	2	417.99	2	54.87	2			
1/4	2,597.50	1/4	2,232.77	1/4	1,868.03	1/4	1,503.29	1/4	1,139.73	1/4	775.12	1/4	410.39	1/4	47.76	1/4			
1/2	2,589.90	1/2	2,225.17	1/2	1,860.43	1/2	1,495.69	1/2	1,132.15	1/2	767.52	1/2	402.79	1/2	42.06	1/2			
3/4	2,582.31	3/4	2,217.57	3/4	1,852.83	3/4	1,488.09	3/4	1,124.58	3/4	759.92	3/4	395.19	3/4	36.36	3/4			
3	2,574.71	3	2,209.97	3	1,845.23	3	1,480.49	3	1,117.00	3	752.32	3	387.59	3	30.67	3			
1/4	2,567.11	1/4	2,202.37	1/4	1,837.63	1/4	1,472.90	1/4	1,109.42	1/4	744.72	1/4	380.00	1/4	24.97	1/4			
1/2	2,559.51	1/2	2,194.77	1/2	1,830.03	1/2	1,465.30	1/2	1,101.83	1/2	737.13	1/2	372.40	1/2		1/2			
3/4	2,551.91	3/4	2,187.17	3/4	1,822.44	3/4	1,457.70	3/4	1,094.24	3/4	729.53	3/4	364.80	3/4		3/4			
4	2,544.31	4	2,179.57	4	1,814.84	4	1,450.10	4	1,086.65	4	721.93	4	357.20	4		4			
1/4	2,536.71	1/4	2,171.98	1/4	1,807.24	1/4	1,442.50	1/4	1,079.06	1/4	714.33	1/4	349.60	1/4		1/4			
1/2	2,529.11	1/2	2,164.38	1/2	1,799.64	1/2	1,434.91	1/2	1,071.46	1/2	706.73	1/2	342.00	1/2		1/2			
3/4	2,521.52	3/4	2,156.78	3/4	1,792.04	3/4	1,427.32	3/4	1,063.86	3/4	699.13	3/4	334.41	3/4		3/4			
5	2,513.92	5	2,149.18	5	1,784.44	5	1,419.73	5	1,056.26	5	691.53	5	326.81	5		5			
1/4	2,506.32	1/4	2,141.58	1/4	1,776.84	1/4	1,412.13	1/4	1,048.66	1/4	683.94	1/4	319.21	1/4		1/4			
1/2	2,498.72	1/2	2,133.98	1/2	1,769.24	1/2	1,404.56	1/2	1,041.07	1/2	676.34	1/2	311.61	1/2		1/2			
3/4	2,491.12	3/4	2,126.38	3/4	1,761.65	3/4	1,396.98	3/4	1,033.47	3/4	668.74	3/4	304.01	3/4		3/4			
6	2,483.52	6	2,118.78	6	1,754.05	6	1,389.41	6	1,025.87	6	661.14	6	296.41	6		6			
1/4	2,475.92	1/4	2,111.19	1/4	1,746.45	1/4	1,381.83	1/4	1,018.27	1/4	653.54	1/4	288.81	1/4		1/4			
1/2	2,468.32	1/2	2,103.59	1/2	1,738.85	1/2	1,374.27	1/2	1,010.67	1/2	645.94	1/2	281.22	1/2		1/2			
3/4	2,460.73	3/4	2,095.99	3/4	1,731.25	3/4	1,366.70	3/4	1,003.07	3/4	638.35	3/4	273.62	3/4		3/4			
7	2,453.13	7	2,088.39	7	1,723.65	7	1,359.14	7	995.47	7	630.75	7	266.02	7		7			
1/4	2,445.53	1/4	2,080.79	1/4	1,716.05	1/4	1,351.57	1/4	987.88	1/4	623.15	1/4	258.42	1/4		1/4			
1/2	2,437.93	1/2	2,073.19	1/2	1,708.45	1/2	1,344.01	1/2	980.28	1/2	615.55	1/2	250.82	1/2		1/2			
3/4	2,430.33	3/4	2,065.59	3/4	1,700.86	3/4	1,336.44	3/4	972.68	3/4	607.95	3/4	243.22	3/4		3/4			
8	2,422.73	8	2,058.00	8	1,693.26	8	1,328.88	8	965.08	8	600.35	8	235.62	8		8			
1/4	2,415.13	1/4	2,050.40	1/4	1,685.66	1/4	1,321.31	1/4	957.48	1/4	592.75	1/4	228.03	1/4		1/4			
1/2	2,407.54	1/2	2,042.80	1/2	1,678.06	1/2	1,313.74	1/2	949.88	1/2	585.16	1/2	220.43	1/2		1/2			
3/4	2,399.94	3/4	2,035.20	3/4	1,670.46	3/4	1,306.18	3/4	942.29	3/4	577.56	3/4	212.83	3/4		3/4			
9	2,392.34	9	2,027.60	9	1,662.86	9	1,298.61	9	934.69	9	569.96	9	205.23	9		9			
1/4	2,384.74	1/4	2,020.00	1/4	1,655.26	1/4	1,291.05	1/4	927.09	1/4	562.36	1/4	197.63	1/4		1/4			
1/2	2,377.14	1/2	2,012.40	1/2	1,647.67	1/2	1,283.48	1/2	919.49	1/2	554.76	1/2	190.03	1/2		1/2			
3/4	2,369.54	3/4	2,004.80	3/4	1,640.07	3/4	1,275.92	3/4	911.89	3/4	547.16	3/4	182.44	3/4		3/4			
10	2,361.94	10	1,997.21	10	1,632.47	10	1,268.35	10	904.29	10	539.56	10	174.84	10		10			
1/4	2,354.34	1/4	1,989.61	1/4	1,624.87	1/4	1,260.79	1/4	896.69	1/4	531.97	1/4	167.24	1/4		1/4			
1/2	2,346.75	1/2	1,982.01	1/2	1,617.27	1/2	1,253.22	1/2	889.10	1/2	524.37	1/2	159.64	1/2		1/2			
3/4	2,339.15	3/4	1,974.41	3/4	1,609.67	3/4	1,245.66	3/4	881.50	3/4	516.77	3/4	152.04	3/4		3/4			
11	2,331.55	11	1,966.81	11	1,602.07	11	1,238.09	11	873.90	11	509.17	11	144.44	11		11			
1/4	2,323.95	1/4	1,959.21	1/4	1,594.47	1/4	1,230.53	1/4	866.30	1/4	501.57	1/4	136.85	1/4		1/4			
1/2	2,316.35	1/2	1,951.61	1/2	1,586.88	1/2	1,222.96	1/2	858.70	1/2	493.97	1/2	129.25	1/2		1/2			
3/4	2,308.75	3/4	1,944.01	3/4	1,579.28	3/4	1,215.39	3/4	851.10	3/4	486.38	3/4	121.66	3/4		3/4			

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 PORT
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	4,775.70	0	4,418.57	0	4,059.36	0	3,699.96	0	3,340.44	0	2,980.84
1/4		1/4		1/4		1/4		1/4	4,768.26	1/4	4,411.13	1/4	4,051.88	1/4	3,692.48	1/4	3,332.95	1/4	2,973.34
1/2		1/2		1/2		1/2		1/2	4,760.82	1/2	4,403.69	1/2	4,044.39	1/2	3,684.99	1/2	3,325.46	1/2	2,965.85
3/4		3/4		3/4		3/4		3/4	5,096.79	3/4	4,753.38	3/4	4,396.23	3/4	4,036.90	3/4	3,677.50	3/4	3,317.97
1		1		1		1		1	5,091.85	1	4,745.94	1	4,388.76	1	4,029.41	1	3,670.01	1	3,310.48
1/4		1/4		1/4		1/4		1/4	5,086.90	1/4	4,738.50	1/4	4,381.30	1/4	4,021.93	1/4	3,662.53	1/4	3,302.98
1/2		1/2		1/2		1/2		1/2	5,081.96	1/2	4,731.06	1/2	4,373.84	1/2	4,014.44	1/2	3,655.04	1/2	3,295.49
3/4		3/4		3/4		3/4		3/4	5,075.77	3/4	4,723.62	3/4	4,366.35	3/4	4,006.95	3/4	3,647.55	3/4	3,288.00
2		2		2		2		2	5,069.57	2	4,716.18	2	4,358.86	2	3,999.46	2	3,640.06	2	3,280.51
1/4		1/4		1/4		1/4		1/4	5,063.38	1/4	4,708.74	1/4	4,351.38	1/4	3,991.98	1/4	3,632.58	1/4	3,273.02
1/2		1/2		1/2		1/2		1/2	5,057.19	1/2	4,701.30	1/2	4,343.89	1/2	3,984.49	1/2	3,625.09	1/2	3,265.52
3/4		3/4		3/4		3/4		3/4	5,050.06	3/4	4,693.86	3/4	4,336.40	3/4	3,977.00	3/4	3,617.60	3/4	3,258.03
3		3		3		3		3	5,042.93	3	4,686.42	3	4,328.91	3	3,969.51	3	3,610.11	3	3,250.54
1/4		1/4		1/4		1/4		1/4	5,035.80	1/4	4,678.98	1/4	4,321.43	1/4	3,962.03	1/4	3,602.63	1/4	3,243.05
1/2		1/2		1/2		1/2		1/2	5,028.67	1/2	4,671.54	1/2	4,313.94	1/2	3,954.54	1/2	3,595.14	1/2	3,235.56
3/4		3/4		3/4		3/4		3/4	5,021.23	3/4	4,664.10	3/4	4,306.45	3/4	3,947.05	3/4	3,587.65	3/4	3,228.07
4		4		4		4		4	5,013.79	4	4,656.66	4	4,298.96	4	3,939.56	4	3,580.16	4	3,220.57
1/4		1/4		1/4		1/4		1/4	5,006.35	1/4	4,649.22	1/4	4,291.48	1/4	3,932.08	1/4	3,572.68	1/4	3,213.08
1/2		1/2		1/2		1/2		1/2	4,998.91	1/2	4,641.78	1/2	4,283.99	1/2	3,924.59	1/2	3,565.19	1/2	3,205.59
3/4		3/4		3/4		3/4		3/4	4,991.47	3/4	4,634.34	3/4	4,276.50	3/4	3,917.10	3/4	3,557.70	3/4	3,198.10
5		5		5		5		5	4,984.03	5	4,626.90	5	4,269.01	5	3,909.61	5	3,550.21	5	3,190.61
1/4		1/4		1/4		1/4		1/4	4,976.59	1/4	4,619.46	1/4	4,261.53	1/4	3,902.13	1/4	3,542.72	1/4	3,183.11
1/2		1/2		1/2		1/2		1/2	4,969.15	1/2	4,612.02	1/2	4,254.04	1/2	3,894.64	1/2	3,535.23	1/2	3,175.62
3/4		3/4		3/4		3/4		3/4	4,961.71	3/4	4,604.58	3/4	4,246.55	3/4	3,887.15	3/4	3,527.74	3/4	3,168.13
6		6		6		6		6	4,954.27	6	4,597.14	6	4,239.06	6	3,879.66	6	3,520.25	6	3,160.64
1/4		1/4		1/4		1/4		1/4	4,946.83	1/4	4,589.70	1/4	4,231.58	1/4	3,872.18	1/4	3,512.75	1/4	3,153.15
1/2		1/2		1/2		1/2		1/2	4,939.39	1/2	4,582.26	1/2	4,224.09	1/2	3,864.69	1/2	3,505.26	1/2	3,145.66
3/4		3/4		3/4		3/4		3/4	4,931.95	3/4	4,574.82	3/4	4,216.60	3/4	3,857.20	3/4	3,497.77	3/4	3,138.16
7		7		7		7		7	4,924.51	7	4,567.37	7	4,209.11	7	3,849.71	7	3,490.28	7	3,130.67
1/4		1/4		1/4		1/4		1/4	4,917.07	1/4	4,559.93	1/4	4,201.63	1/4	3,842.23	1/4	3,482.79	1/4	3,123.18
1/2		1/2		1/2		1/2		1/2	4,909.63	1/2	4,552.49	1/2	4,194.14	1/2	3,834.74	1/2	3,475.29	1/2	3,115.69
3/4		3/4		3/4		3/4		3/4	4,902.19	3/4	4,545.05	3/4	4,186.65	3/4	3,827.25	3/4	3,467.80	3/4	3,108.20
8		8		8		8		8	4,894.75	8	4,537.61	8	4,179.16	8	3,819.76	8	3,460.31	8	3,100.70
1/4		1/4		1/4		1/4		1/4	4,887.31	1/4	4,530.17	1/4	4,171.68	1/4	3,812.28	1/4	3,452.82	1/4	3,093.21
1/2		1/2		1/2		1/2		1/2	4,879.87	1/2	4,522.73	1/2	4,164.19	1/2	3,804.79	1/2	3,445.33	1/2	3,085.72
3/4		3/4		3/4		3/4		3/4	4,872.43	3/4	4,515.29	3/4	4,156.70	3/4	3,797.30	3/4	3,437.84	3/4	3,078.23
9		9		9		9		9	4,864.99	9	4,507.85	9	4,149.21	9	3,789.81	9	3,430.34	9	3,070.74
1/4		1/4		1/4		1/4		1/4	4,857.55	1/4	4,500.41	1/4	4,141.73	1/4	3,782.33	1/4	3,422.85	1/4	3,063.25
1/2		1/2		1/2		1/2		1/2	4,850.11	1/2	4,492.97	1/2	4,134.24	1/2	3,774.84	1/2	3,415.36	1/2	3,055.75
3/4		3/4		3/4		3/4		3/4	4,842.67	3/4	4,485.53	3/4	4,126.75	3/4	3,767.35	3/4	3,407.87	3/4	3,048.26
10		10		10		10		10	4,835.23	10	4,478.09	10	4,119.26	10	3,759.86	10	3,400.38	10	3,040.77
1/4		1/4		1/4		1/4		1/4	4,827.79	1/4	4,470.65	1/4	4,111.78	1/4	3,752.38	1/4	3,392.89	1/4	3,033.28
1/2		1/2		1/2		1/2		1/2	4,820.34	1/2	4,463.21	1/2	4,104.29	1/2	3,744.89	1/2	3,385.39	1/2	3,025.79
3/4		3/4		3/4		3/4		3/4	4,812.90	3/4	4,455.77	3/4	4,096.80	3/4	3,737.40	3/4	3,377.90	3/4	3,018.30
11		11		11		11		11	4,805.46	11	4,448.33	11	4,089.31	11	3,729.91	11	3,370.41	11	3,010.80
1/4		1/4		1/4		1/4		1/4	4,798.02	1/4	4,440.89	1/4	4,081.83	1/4	3,722.43	1/4	3,362.92	1/4	3,003.31
1/2		1/2		1/2		1/2		1/2	4,790.58	1/2	4,433.45	1/2	4,074.34	1/2	3,714.94	1/2	3,355.43	1/2	2,995.82
3/4		3/4		3/4		3/4		3/4	4,783.14	3/4	4,426.01	3/4	4,066.85	3/4	3,707.45	3/4	3,347.93	3/4	2,988.33

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 AT WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 PORT
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,621.23	0	2,261.62	0	1,902.02	0	1,542.41	0	1,185.49	0	839.13	0	479.54	0	119.95	0			
1/4	2,613.74	1/4	2,254.13	1/4	1,894.53	1/4	1,534.92	1/4	1,178.34	1/4	831.64	1/4	472.05	1/4	112.47	1/4			
1/2	2,606.25	1/2	2,246.64	1/2	1,887.03	1/2	1,527.43	1/2	1,171.18	1/2	824.15	1/2	464.55	1/2	104.98	1/2			
3/4	2,598.75	3/4	2,239.15	3/4	1,879.54	3/4	1,519.94	3/4	1,164.03	3/4	816.66	3/4	457.06	3/4	97.52	3/4			
1	2,591.26	1	2,231.66	1	1,872.05	1	1,512.44	1	1,156.87	1	809.17	1	449.57	1	90.05	1			
1/4	2,583.77	1/4	2,224.16	1/4	1,864.56	1/4	1,504.95	1/4	1,149.72	1/4	801.68	1/4	442.08	1/4	82.58	1/4			
1/2	2,576.28	1/2	2,216.67	1/2	1,857.07	1/2	1,497.46	1/2	1,142.57	1/2	794.18	1/2	434.59	1/2	75.11	1/2			
3/4	2,568.79	3/4	2,209.18	3/4	1,849.57	3/4	1,489.97	3/4	1,135.41	3/4	786.69	3/4	427.10	3/4	68.11	3/4			
2	2,561.30	2	2,201.69	2	1,842.08	2	1,482.48	2	1,128.25	2	779.20	2	419.60	2	61.10	2			
1/4	2,553.80	1/4	2,194.20	1/4	1,834.59	1/4	1,474.98	1/4	1,121.10	1/4	771.71	1/4	412.11	1/4	54.10	1/4			
1/2	2,546.31	1/2	2,186.71	1/2	1,827.10	1/2	1,467.49	1/2	1,113.94	1/2	764.22	1/2	404.62	1/2	47.09	1/2			
3/4	2,538.82	3/4	2,179.21	3/4	1,819.61	3/4	1,460.00	3/4	1,106.78	3/4	756.73	3/4	397.13	3/4	41.48	3/4			
3	2,531.33	3	2,171.72	3	1,812.12	3	1,452.51	3	1,099.61	3	749.23	3	389.64	3	35.86	3			
1/4	2,523.84	1/4	2,164.23	1/4	1,804.62	1/4	1,445.02	1/4	1,092.45	1/4	741.74	1/4	382.15	1/4	30.24	1/4			
1/2	2,516.34	1/2	2,156.74	1/2	1,797.13	1/2	1,437.53	1/2	1,085.28	1/2	734.25	1/2	374.65	1/2	24.62	1/2			
3/4	2,508.85	3/4	2,149.25	3/4	1,789.64	3/4	1,430.03	3/4	1,078.10	3/4	726.76	3/4	367.16	3/4		3/4			
4	2,501.36	4	2,141.75	4	1,782.15	4	1,422.54	4	1,070.92	4	719.27	4	359.67	4		4			
1/4	2,493.87	1/4	2,134.26	1/4	1,774.66	1/4	1,415.05	1/4	1,063.74	1/4	711.78	1/4	352.18	1/4		1/4			
1/2	2,486.38	1/2	2,126.77	1/2	1,767.16	1/2	1,407.56	1/2	1,056.56	1/2	704.28	1/2	344.69	1/2		1/2			
3/4	2,478.89	3/4	2,119.28	3/4	1,759.67	3/4	1,400.07	3/4	1,049.37	3/4	696.79	3/4	337.20	3/4		3/4			
5	2,471.39	5	2,111.79	5	1,752.18	5	1,392.59	5	1,042.19	5	689.30	5	329.70	5		5			
1/4	2,463.90	1/4	2,104.30	1/4	1,744.69	1/4	1,385.10	1/4	1,035.00	1/4	681.81	1/4	322.21	1/4		1/4			
1/2	2,456.41	1/2	2,096.80	1/2	1,737.20	1/2	1,377.62	1/2	1,027.81	1/2	674.32	1/2	314.72	1/2		1/2			
3/4	2,448.92	3/4	2,089.31	3/4	1,729.71	3/4	1,370.15	3/4	1,020.63	3/4	666.83	3/4	307.23	3/4		3/4			
6	2,441.43	6	2,081.82	6	1,722.21	6	1,362.68	6	1,013.44	6	659.34	6	299.74	6		6			
1/4	2,433.93	1/4	2,074.33	1/4	1,714.72	1/4	1,355.21	1/4	1,006.25	1/4	651.84	1/4	292.25	1/4		1/4			
1/2	2,426.44	1/2	2,066.84	1/2	1,707.23	1/2	1,347.75	1/2	999.07	1/2	644.35	1/2	284.76	1/2		1/2			
3/4	2,418.95	3/4	2,059.34	3/4	1,699.74	3/4	1,340.29	3/4	991.88	3/4	636.86	3/4	277.26	3/4		3/4			
7	2,411.46	7	2,051.85	7	1,692.25	7	1,332.83	7	984.69	7	629.37	7	269.77	7		7			
1/4	2,403.97	1/4	2,044.36	1/4	1,684.75	1/4	1,325.37	1/4	977.51	1/4	621.88	1/4	262.28	1/4		1/4			
1/2	2,396.48	1/2	2,036.87	1/2	1,677.26	1/2	1,317.91	1/2	970.32	1/2	614.39	1/2	254.79	1/2		1/2			
3/4	2,388.98	3/4	2,029.38	3/4	1,669.77	3/4	1,310.45	3/4	963.13	3/4	606.89	3/4	247.30	3/4		3/4			
8	2,381.49	8	2,021.89	8	1,662.28	8	1,303.00	8	955.95	8	599.40	8	239.81	8		8			
1/4	2,374.00	1/4	2,014.39	1/4	1,654.79	1/4	1,295.54	1/4	948.76	1/4	591.91	1/4	232.31	1/4		1/4			
1/2	2,366.51	1/2	2,006.90	1/2	1,647.30	1/2	1,288.08	1/2	941.57	1/2	584.42	1/2	224.82	1/2		1/2			
3/4	2,359.02	3/4	1,999.41	3/4	1,639.80	3/4	1,280.62	3/4	934.39	3/4	576.93	3/4	217.33	3/4		3/4			
9	2,351.53	9	1,991.92	9	1,632.31	9	1,273.16	9	927.20	9	569.44	9	209.84	9		9			
1/4	2,344.03	1/4	1,984.43	1/4	1,624.82	1/4	1,265.70	1/4	920.01	1/4	561.94	1/4	202.35	1/4		1/4			
1/2	2,336.54	1/2	1,976.94	1/2	1,617.33	1/2	1,258.24	1/2	912.83	1/2	554.45	1/2	194.86	1/2		1/2			
3/4	2,329.05	3/4	1,969.44	3/4	1,609.84	3/4	1,250.86	3/4	905.56	3/4	546.96	3/4	187.36	3/4		3/4			
10	2,321.56	10	1,961.95	10	1,602.35	10	1,243.48	10	898.30	10	539.47	10	179.87	10		10			
1/4	2,314.07	1/4	1,954.46	1/4	1,594.85	1/4	1,236.10	1/4	891.04	1/4	531.98	1/4	172.38	1/4		1/4			
1/2	2,306.57	1/2	1,946.97	1/2	1,587.36	1/2	1,228.72	1/2	883.78	1/2	524.49	1/2	164.89	1/2		1/2			
3/4	2,299.08	3/4	1,939.48	3/4	1,579.87	3/4	1,221.49	3/4	876.36	3/4	516.99	3/4	157.40	3/4		3/4			
11	2,291.59	11	1,931.98	11	1,572.38	11	1,214.26	11	868.95	11	509.50	11	149.91	11		11			
1/4	2,284.10	1/4	1,924.49	1/4	1,564.89	1/4	1,207.03	1/4	861.53	1/4	502.01	1/4	142.42	1/4		1/4			
1/2	2,276.61	1/2	1,917.00	1/2	1,557.39	1/2	1,199.80	1/2	854.12	1/2	494.52	1/2	134.93	1/2		1/2			
3/4	2,269.12	3/4	1,909.51	3/4	1,549.90	3/4	1,192.64	3/4	846.63	3/4	487.03	3/4	127.44	3/4		3/4			

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 STBD
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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		0		0		0		0	4,779.43	0	4,422.56	0	4,063.56	0	3,704.42	0	3,345.17	0	2,985.82		
1/4		1/4		1/4		1/4		1/4	4,772.00	1/4	4,415.12	1/4	4,056.08	1/4	3,696.94	1/4	3,337.68	1/4	2,978.33		
1/2		1/2		1/2		1/2		1/2	5,107.71	1/2	4,764.56	1/2	4,407.66	1/2	4,048.59	1/2	3,689.46	1/2	3,330.19	1/2	2,970.85
3/4		3/4		3/4		3/4		3/4	5,102.77	3/4	4,757.13	3/4	4,400.20	3/4	4,041.11	3/4	3,681.98	3/4	3,322.71	3/4	2,963.36
1		1		1		1		1	5,097.83	1	4,749.69	1	4,392.74	1	4,033.63	1	3,674.49	1	3,315.22	1	2,955.87
1/4		1/4		1/4		1/4		1/4	5,092.89	1/4	4,742.26	1/4	4,385.28	1/4	4,026.15	1/4	3,667.01	1/4	3,307.73	1/4	2,948.39
1/2		1/2		1/2		1/2		1/2	5,086.70	1/2	4,734.82	1/2	4,377.80	1/2	4,018.67	1/2	3,659.53	1/2	3,300.25	1/2	2,940.90
3/4		3/4		3/4		3/4		3/4	5,080.52	3/4	4,727.39	3/4	4,370.32	3/4	4,011.18	3/4	3,652.05	3/4	3,292.76	3/4	2,933.41
2		2		2		2		2	5,074.33	2	4,719.95	2	4,362.84	2	4,003.70	2	3,644.57	2	3,285.27	2	2,925.93
1/4		1/4		1/4		1/4		1/4	5,068.14	1/4	4,712.52	1/4	4,355.36	1/4	3,996.22	1/4	3,637.08	1/4	3,277.79	1/4	2,918.44
1/2		1/2		1/2		1/2		1/2	5,061.02	1/2	4,705.08	1/2	4,347.87	1/2	3,988.74	1/2	3,629.60	1/2	3,270.30	1/2	2,910.96
3/4		3/4		3/4		3/4		3/4	5,053.90	3/4	4,697.65	3/4	4,340.39	3/4	3,981.26	3/4	3,622.12	3/4	3,262.82	3/4	2,903.47
3		3		3		3		3	5,046.78	3	4,690.21	3	4,332.91	3	3,973.77	3	3,614.64	3	3,255.33	3	2,895.98
1/4		1/4		1/4		1/4		1/4	5,039.65	1/4	4,682.78	1/4	4,325.43	1/4	3,966.29	1/4	3,607.16	1/4	3,247.84	1/4	2,888.50
1/2		1/2		1/2		1/2		1/2	5,032.22	1/2	4,675.34	1/2	4,317.95	1/2	3,958.81	1/2	3,599.67	1/2	3,240.36	1/2	2,881.01
3/4		3/4		3/4		3/4		3/4	5,024.78	3/4	4,667.91	3/4	4,310.46	3/4	3,951.33	3/4	3,592.19	3/4	3,232.87	3/4	2,873.52
4		4		4		4		4	5,017.35	4	4,660.47	4	4,302.98	4	3,943.85	4	3,584.71	4	3,225.38	4	2,866.04
1/4		1/4		1/4		1/4		1/4	5,009.91	1/4	4,653.04	1/4	4,295.50	1/4	3,936.36	1/4	3,577.23	1/4	3,217.90	1/4	2,858.55
1/2		1/2		1/2		1/2		1/2	5,002.48	1/2	4,645.60	1/2	4,288.02	1/2	3,928.88	1/2	3,569.75	1/2	3,210.41	1/2	2,851.06
3/4		3/4		3/4		3/4		3/4	4,995.04	3/4	4,638.17	3/4	4,280.54	3/4	3,921.40	3/4	3,562.26	3/4	3,202.92	3/4	2,843.58
5		5		5		5		5	4,987.61	5	4,630.73	5	4,273.05	5	3,913.92	5	3,554.78	5	3,195.44	5	2,836.09
1/4		1/4		1/4		1/4		1/4	4,980.17	1/4	4,623.30	1/4	4,265.57	1/4	3,906.44	1/4	3,547.30	1/4	3,187.95	1/4	2,828.60
1/2		1/2		1/2		1/2		1/2	4,972.74	1/2	4,615.86	1/2	4,258.09	1/2	3,898.95	1/2	3,539.81	1/2	3,180.47	1/2	2,821.12
3/4		3/4		3/4		3/4		3/4	4,965.30	3/4	4,608.43	3/4	4,250.61	3/4	3,891.47	3/4	3,532.33	3/4	3,172.98	3/4	2,813.63
6		6		6		6		6	4,957.87	6	4,600.99	6	4,243.13	6	3,883.99	6	3,524.84	6	3,165.49	6	2,806.15
1/4		1/4		1/4		1/4		1/4	4,950.43	1/4	4,593.56	1/4	4,235.64	1/4	3,876.51	1/4	3,517.35	1/4	3,158.01	1/4	2,798.66
1/2		1/2		1/2		1/2		1/2	4,943.00	1/2	4,586.12	1/2	4,228.16	1/2	3,869.03	1/2	3,509.87	1/2	3,150.52	1/2	2,791.17
3/4		3/4		3/4		3/4		3/4	4,935.56	3/4	4,578.69	3/4	4,220.68	3/4	3,861.54	3/4	3,502.38	3/4	3,143.03	3/4	2,783.69
7		7		7		7		7	4,928.13	7	4,571.25	7	4,213.20	7	3,854.06	7	3,494.89	7	3,135.55	7	2,776.20
1/4		1/4		1/4		1/4		1/4	4,920.69	1/4	4,563.82	1/4	4,205.72	1/4	3,846.58	1/4	3,487.41	1/4	3,128.06	1/4	2,768.71
1/2		1/2		1/2		1/2		1/2	4,913.26	1/2	4,556.38	1/2	4,198.23	1/2	3,839.10	1/2	3,479.92	1/2	3,120.57	1/2	2,761.23
3/4		3/4		3/4		3/4		3/4	4,905.82	3/4	4,548.95	3/4	4,190.75	3/4	3,831.62	3/4	3,472.43	3/4	3,113.09	3/4	2,753.74
8		8		8		8		8	4,898.39	8	4,541.51	8	4,183.27	8	3,824.13	8	3,464.95	8	3,105.60	8	2,746.25
1/4		1/4		1/4		1/4		1/4	4,890.95	1/4	4,534.08	1/4	4,175.79	1/4	3,816.65	1/4	3,457.46	1/4	3,098.12	1/4	2,738.77
1/2		1/2		1/2		1/2		1/2	4,883.52	1/2	4,526.64	1/2	4,168.31	1/2	3,809.17	1/2	3,449.98	1/2	3,090.63	1/2	2,731.28
3/4		3/4		3/4		3/4		3/4	4,876.09	3/4	4,519.21	3/4	4,160.82	3/4	3,801.69	3/4	3,442.49	3/4	3,083.14	3/4	2,723.80
9		9		9		9		9	4,868.65	9	4,511.78	9	4,153.34	9	3,794.21	9	3,435.00	9	3,075.66	9	2,716.31
1/4		1/4		1/4		1/4		1/4	4,861.22	1/4	4,504.34	1/4	4,145.86	1/4	3,786.72	1/4	3,427.52	1/4	3,068.17	1/4	2,708.82
1/2		1/2		1/2		1/2		1/2	4,853.78	1/2	4,496.91	1/2	4,138.38	1/2	3,779.24	1/2	3,420.03	1/2	3,060.68	1/2	2,701.34
3/4		3/4		3/4		3/4		3/4	4,846.35	3/4	4,489.47	3/4	4,130.90	3/4	3,771.76	3/4	3,412.54	3/4	3,053.20	3/4	2,693.85
10		10		10		10		10	4,838.91	10	4,482.04	10	4,123.41	10	3,764.28	10	3,405.06	10	3,045.71	10	2,686.36
1/4		1/4		1/4		1/4		1/4	4,831.48	1/4	4,474.60	1/4	4,115.93	1/4	3,756.80	1/4	3,397.57	1/4	3,038.22	1/4	2,678.88
1/2		1/2		1/2		1/2		1/2	4,824.04	1/2	4,467.17	1/2	4,108.45	1/2	3,749.31	1/2	3,390.08	1/2	3,030.74	1/2	2,671.39
3/4		3/4		3/4		3/4		3/4	4,816.61	3/4	4,459.73	3/4	4,100.97	3/4	3,741.83	3/4	3,382.60	3/4	3,023.25	3/4	2,663.90
11		11		11		11		11	4,809.17	11	4,452.30	11	4,093.49	11	3,734.35	11	3,375.11	11	3,015.76	11	2,656.42
1/4		1/4		1/4		1/4		1/4	4,801.74	1/4	4,444.86	1/4	4,086.00	1/4	3,726.87	1/4	3,367.63	1/4	3,008.28	1/4	2,648.93
1/2		1/2		1/2		1/2		1/2	4,794.30	1/2	4,437.43	1/2	4,078.52	1/2	3,719.39	1/2	3,360.14	1/2	3,000.79	1/2	2,641.44
3/4		3/4		3/4		3/4		3/4	4,786.87	3/4	4,429.99	3/4	4,071.04	3/4	3,711.90	3/4	3,352.65	3/4	2,993.31	3/4	2,633.96

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 AT WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**2 STBD
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,626.47	0	2,267.12	0	1,907.78	0	1,548.43	0	1,189.97	0	831.04	0	471.70	0	112.39	0			
1/4	2,618.99	1/4	2,259.64	1/4	1,900.29	1/4	1,540.94	1/4	1,182.52	1/4	823.56	1/4	464.22	1/4	104.91	1/4			
1/2	2,611.50	1/2	2,252.15	1/2	1,892.80	1/2	1,533.46	1/2	1,175.07	1/2	816.07	1/2	456.73	1/2	97.44	1/2			
3/4	2,604.01	3/4	2,244.67	3/4	1,885.32	3/4	1,525.97	3/4	1,167.61	3/4	808.58	3/4	449.25	3/4	89.98	3/4			
1	2,596.53	1	2,237.18	1	1,877.83	1	1,518.48	1	1,160.16	1	801.10	1	441.76	1	82.52	1			
1/4	2,589.04	1/4	2,229.69	1/4	1,870.35	1/4	1,511.00	1/4	1,152.71	1/4	793.61	1/4	434.27	1/4	75.06	1/4			
1/2	2,581.55	1/2	2,222.21	1/2	1,862.86	1/2	1,503.51	1/2	1,145.25	1/2	786.12	1/2	426.79	1/2	68.06	1/2			
3/4	2,574.07	3/4	2,214.72	3/4	1,855.37	3/4	1,496.03	3/4	1,137.80	3/4	778.64	3/4	419.30	3/4	61.06	3/4			
2	2,566.58	2	2,207.23	2	1,847.89	2	1,488.54	2	1,130.34	2	771.15	2	411.81	2	54.06	2			
1/4	2,559.09	1/4	2,199.75	1/4	1,840.40	1/4	1,481.05	1/4	1,122.89	1/4	763.67	1/4	404.33	1/4	47.06	1/4			
1/2	2,551.61	1/2	2,192.26	1/2	1,832.91	1/2	1,473.57	1/2	1,115.42	1/2	756.18	1/2	396.84	1/2	41.45	1/2			
3/4	2,544.12	3/4	2,184.77	3/4	1,825.43	3/4	1,466.08	3/4	1,107.95	3/4	748.69	3/4	389.36	3/4	35.83	3/4			
3	2,536.64	3	2,177.29	3	1,817.94	3	1,458.59	3	1,100.49	3	741.21	3	381.87	3	30.22	3			
1/4	2,529.15	1/4	2,169.80	1/4	1,810.45	1/4	1,451.11	1/4	1,093.02	1/4	733.72	1/4	374.38	1/4	24.60	1/4			
1/2	2,521.66	1/2	2,162.32	1/2	1,802.97	1/2	1,443.62	1/2	1,085.55	1/2	726.23	1/2	366.90	1/2		1/2			
3/4	2,514.18	3/4	2,154.83	3/4	1,795.48	3/4	1,436.13	3/4	1,078.07	3/4	718.75	3/4	359.41	3/4		3/4			
4	2,506.69	4	2,147.34	4	1,788.00	4	1,428.65	4	1,070.59	4	711.26	4	351.92	4	4	4			
1/4	2,499.20	1/4	2,139.86	1/4	1,780.51	1/4	1,421.16	1/4	1,063.11	1/4	703.78	1/4	344.44	1/4		1/4			
1/2	2,491.72	1/2	2,132.37	1/2	1,773.02	1/2	1,413.68	1/2	1,055.63	1/2	696.29	1/2	336.95	1/2		1/2			
3/4	2,484.23	3/4	2,124.88	3/4	1,765.54	3/4	1,406.20	3/4	1,048.14	3/4	688.80	3/4	329.47	3/4		3/4			
5	2,476.74	5	2,117.40	5	1,758.05	5	1,398.72	5	1,040.66	5	681.32	5	321.98	5		5			
1/4	2,469.26	1/4	2,109.91	1/4	1,750.56	1/4	1,391.24	1/4	1,033.17	1/4	673.83	1/4	314.49	1/4		1/4			
1/2	2,461.77	1/2	2,102.42	1/2	1,743.08	1/2	1,383.78	1/2	1,025.68	1/2	666.35	1/2	307.01	1/2		1/2			
3/4	2,454.28	3/4	2,094.94	3/4	1,735.59	3/4	1,376.32	3/4	1,018.20	3/4	658.86	3/4	299.52	3/4		3/4			
6	2,446.80	6	2,087.45	6	1,728.10	6	1,368.86	6	1,010.71	6	651.37	6	292.04	6		6			
1/4	2,439.31	1/4	2,079.96	1/4	1,720.62	1/4	1,361.39	1/4	1,003.22	1/4	643.89	1/4	284.55	1/4		1/4			
1/2	2,431.83	1/2	2,072.48	1/2	1,713.13	1/2	1,353.94	1/2	995.74	1/2	636.40	1/2	277.06	1/2		1/2			
3/4	2,424.34	3/4	2,064.99	3/4	1,705.64	3/4	1,346.49	3/4	988.25	3/4	628.91	3/4	269.58	3/4		3/4			
7	2,416.85	7	2,057.51	7	1,698.16	7	1,339.03	7	980.77	7	621.43	7	262.09	7		7			
1/4	2,409.37	1/4	2,050.02	1/4	1,690.67	1/4	1,331.58	1/4	973.28	1/4	613.94	1/4	254.60	1/4		1/4			
1/2	2,401.88	1/2	2,042.53	1/2	1,683.19	1/2	1,324.13	1/2	965.79	1/2	606.46	1/2	247.12	1/2		1/2			
3/4	2,394.39	3/4	2,035.05	3/4	1,675.70	3/4	1,316.68	3/4	958.31	3/4	598.97	3/4	239.63	3/4		3/4			
8	2,386.91	8	2,027.56	8	1,668.21	8	1,309.22	8	950.82	8	591.48	8	232.15	8		8			
1/4	2,379.42	1/4	2,020.07	1/4	1,660.73	1/4	1,301.77	1/4	943.33	1/4	584.00	1/4	224.66	1/4		1/4			
1/2	2,371.93	1/2	2,012.59	1/2	1,653.24	1/2	1,294.32	1/2	935.85	1/2	576.51	1/2	217.17	1/2		1/2			
3/4	2,364.45	3/4	2,005.10	3/4	1,645.75	3/4	1,286.86	3/4	928.36	3/4	569.02	3/4	209.69	3/4		3/4			
9	2,356.96	9	1,997.61	9	1,638.27	9	1,279.41	9	920.88	9	561.54	9	202.20	9		9			
1/4	2,349.48	1/4	1,990.13	1/4	1,630.78	1/4	1,271.96	1/4	913.39	1/4	554.05	1/4	194.71	1/4		1/4			
1/2	2,341.99	1/2	1,982.64	1/2	1,623.29	1/2	1,264.50	1/2	905.90	1/2	546.57	1/2	187.23	1/2		1/2			
3/4	2,334.50	3/4	1,975.16	3/4	1,615.81	3/4	1,257.05	3/4	898.42	3/4	539.08	3/4	179.74	3/4		3/4			
10	2,327.02	10	1,967.67	10	1,608.32	10	1,249.60	10	890.93	10	531.59	10	172.26	10		10			
1/4	2,319.53	1/4	1,960.18	1/4	1,600.84	1/4	1,242.14	1/4	883.45	1/4	524.11	1/4	164.77	1/4		1/4			
1/2	2,312.04	1/2	1,952.70	1/2	1,593.35	1/2	1,234.69	1/2	875.96	1/2	516.62	1/2	157.28	1/2		1/2			
3/4	2,304.56	3/4	1,945.21	3/4	1,585.86	3/4	1,227.24	3/4	868.47	3/4	509.14	3/4	149.80	3/4		3/4			
11	2,297.07	11	1,937.72	11	1,578.38	11	1,219.78	11	860.99	11	501.65	11	142.31	11		11			
1/4	2,289.58	1/4	1,930.24	1/4	1,570.89	1/4	1,212.33	1/4	853.50	1/4	494.16	1/4	134.83	1/4		1/4			
1/2	2,282.10	1/2	1,922.75	1/2	1,563.40	1/2	1,204.88	1/2	846.01	1/2	486.68	1/2	127.35	1/2		1/2			
3/4	2,274.61	3/4	1,915.26	3/4	1,555.92	3/4	1,197.43	3/4	838.53	3/4	479.19	3/4	119.87	3/4		3/4			

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**3 PORT
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS																	GAUGE HEIGHT 17'-03 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		0		0		0		0	4,361.02	0	4,115.59	0	3,868.69	0	3,621.69	0	3,308.55	0	2,952.08
1/4		1/4		1/4		1/4		1/4	4,355.91	1/4	4,110.48	1/4	3,863.54	1/4	3,616.54	1/4	3,301.12	1/4	2,944.65
1/2		1/2		1/2		1/2		1/2	4,582.56	1/2	4,350.80	1/2	4,105.35	1/2	3,858.40	1/2	3,611.39	1/2	3,293.70
3/4		3/4		3/4		3/4		3/4	4,579.93	3/4	4,345.68	3/4	4,100.22	3/4	3,853.25	3/4	3,606.25	3/4	3,286.27
1		1		1		1		1	4,577.31	1	4,340.57	1	4,095.09	1	3,848.11	1	3,601.10	1	3,278.85
1/4		1/4		1/4		1/4		1/4	4,574.68	1/4	4,335.46	1/4	4,089.96	1/4	3,842.96	1/4	3,595.96	1/4	3,271.42
1/2		1/2		1/2		1/2		1/2	4,570.81	1/2	4,330.34	1/2	4,084.82	1/2	3,837.81	1/2	3,590.81	1/2	3,263.99
3/4		3/4		3/4		3/4		3/4	4,566.94	3/4	4,325.23	3/4	4,079.67	3/4	3,832.67	3/4	3,585.67	3/4	3,256.57
2		2		2		2		2	4,563.07	2	4,320.12	2	4,074.53	2	3,827.52	2	3,580.52	2	3,249.14
1/4		1/4		1/4		1/4		1/4	4,559.19	1/4	4,315.00	1/4	4,069.38	1/4	3,822.38	1/4	3,575.37	1/4	3,241.71
1/2		1/2		1/2		1/2		1/2	4,554.39	1/2	4,309.89	1/2	4,064.23	1/2	3,817.23	1/2	3,570.23	1/2	3,234.29
3/4		3/4		3/4		3/4		3/4	4,549.59	3/4	4,304.78	3/4	4,059.09	3/4	3,812.08	3/4	3,565.08	3/4	3,226.86
3		3		3		3		3	4,544.79	3	4,299.66	3	4,053.94	3	3,806.94	3	3,559.94	3	3,219.43
1/4		1/4		1/4		1/4		1/4	4,539.98	1/4	4,294.55	1/4	4,048.80	1/4	3,801.79	1/4	3,554.79	1/4	3,212.01
1/2		1/2		1/2		1/2		1/2	4,534.87	1/2	4,289.44	1/2	4,043.65	1/2	3,796.65	1/2	3,549.64	1/2	3,204.58
3/4		3/4		3/4		3/4		3/4	4,529.76	3/4	4,284.32	3/4	4,038.50	3/4	3,791.50	3/4	3,544.50	3/4	3,197.15
4		4		4		4		4	4,524.65	4	4,279.21	4	4,033.36	4	3,786.36	4	3,539.35	4	3,189.73
1/4		1/4		1/4		1/4		1/4	4,519.53	1/4	4,274.10	1/4	4,028.21	1/4	3,781.21	1/4	3,534.21	1/4	3,182.30
1/2		1/2		1/2		1/2		1/2	4,514.42	1/2	4,268.99	1/2	4,023.07	1/2	3,776.06	1/2	3,527.92	1/2	3,174.88
3/4		3/4		3/4		3/4		3/4	4,509.31	3/4	4,263.87	3/4	4,017.92	3/4	3,770.92	3/4	3,521.63	3/4	3,167.45
5		5		5		5		5	4,504.19	5	4,258.76	5	4,012.77	5	3,765.77	5	3,515.35	5	3,160.02
1/4		1/4		1/4		1/4		1/4	4,499.08	1/4	4,253.65	1/4	4,007.63	1/4	3,760.63	1/4	3,509.06	1/4	3,152.60
1/2		1/2		1/2		1/2		1/2	4,493.97	1/2	4,248.53	1/2	4,002.48	1/2	3,755.48	1/2	3,501.64	1/2	3,145.17
3/4		3/4		3/4		3/4		3/4	4,488.85	3/4	4,243.42	3/4	3,997.34	3/4	3,750.33	3/4	3,494.21	3/4	3,137.74
6		6		6		6		6	4,483.74	6	4,238.31	6	3,992.19	6	3,745.19	6	3,486.78	6	3,130.32
1/4		1/4		1/4		1/4		1/4	4,478.63	1/4	4,233.19	1/4	3,987.05	1/4	3,740.04	1/4	3,479.36	1/4	3,122.89
1/2		1/2		1/2		1/2		1/2	4,473.51	1/2	4,228.08	1/2	3,981.90	1/2	3,734.90	1/2	3,471.93	1/2	3,115.46
3/4		3/4		3/4		3/4		3/4	4,468.40	3/4	4,222.97	3/4	3,976.75	3/4	3,729.75	3/4	3,464.51	3/4	3,108.04
7		7		7		7		7	4,463.29	7	4,217.85	7	3,971.61	7	3,724.60	7	3,457.08	7	3,100.61
1/4		1/4		1/4		1/4		1/4	4,458.17	1/4	4,212.74	1/4	3,966.46	1/4	3,719.46	1/4	3,449.65	1/4	3,093.19
1/2		1/2		1/2		1/2		1/2	4,453.06	1/2	4,207.63	1/2	3,961.32	1/2	3,714.31	1/2	3,442.23	1/2	3,085.76
3/4		3/4		3/4		3/4		3/4	4,447.95	3/4	4,202.51	3/4	3,956.17	3/4	3,709.17	3/4	3,434.80	3/4	3,078.33
8		8		8		8		8	4,442.83	8	4,197.40	8	3,951.02	8	3,704.02	8	3,427.37	8	3,070.91
1/4		1/4		1/4		1/4		1/4	4,437.72	1/4	4,192.29	1/4	3,945.88	1/4	3,698.87	1/4	3,419.95	1/4	3,063.48
1/2		1/2		1/2		1/2		1/2	4,432.61	1/2	4,187.17	1/2	3,940.73	1/2	3,693.73	1/2	3,412.52	1/2	3,056.05
3/4		3/4		3/4		3/4		3/4	4,427.49	3/4	4,182.06	3/4	3,935.59	3/4	3,688.58	3/4	3,405.09	3/4	3,048.63
9		9		9		9		9	4,422.38	9	4,176.95	9	3,930.44	9	3,683.44	9	3,397.67	9	3,041.20
1/4		1/4		1/4		1/4		1/4	4,417.27	1/4	4,171.83	1/4	3,925.29	1/4	3,678.29	1/4	3,390.24	1/4	3,033.77
1/2		1/2		1/2		1/2		1/2	4,412.15	1/2	4,166.72	1/2	3,920.15	1/2	3,673.15	1/2	3,382.81	1/2	3,026.35
3/4		3/4		3/4		3/4		3/4	4,407.04	3/4	4,161.61	3/4	3,915.00	3/4	3,668.00	3/4	3,375.39	3/4	3,018.92
10		10		10		10		10	4,401.93	10	4,156.49	10	3,909.86	10	3,662.85	10	3,367.96	10	3,011.49
1/4		1/4		1/4		1/4		1/4	4,396.82	1/4	4,151.38	1/4	3,904.71	1/4	3,657.71	1/4	3,360.54	1/4	3,004.07
1/2		1/2		1/2		1/2		1/2	4,391.70	1/2	4,146.27	1/2	3,899.56	1/2	3,652.56	1/2	3,353.11	1/2	2,996.64
3/4		3/4		3/4		3/4		3/4	4,386.59	3/4	4,141.16	3/4	3,894.42	3/4	3,647.42	3/4	3,345.68	3/4	2,989.22
11		11		11		11		11	4,381.48	11	4,136.04	11	3,889.27	11	3,642.27	11	3,338.26	11	2,981.79
1/4		1/4		1/4		1/4		1/4	4,376.36	1/4	4,130.93	1/4	3,884.13	1/4	3,637.12	1/4	3,330.83	1/4	2,974.36
1/2		1/2		1/2		1/2		1/2	4,371.25	1/2	4,125.82	1/2	3,878.98	1/2	3,631.98	1/2	3,323.40	1/2	2,966.93
3/4		3/4		3/4		3/4		3/4	4,366.14	3/4	4,120.70	3/4	3,873.84	3/4	3,626.83	3/4	3,315.98	3/4	2,959.51

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 AT WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**3 PORT
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,595.47	0	2,238.21	0	1,881.51	0	1,526.28	0	1,177.64	0	826.19	0	468.91	0	111.65	0		0	
1/4	2,588.04	1/4	2,230.76	1/4	1,874.13	1/4	1,518.83	1/4	1,170.52	1/4	818.74	1/4	461.46	1/4	104.21	1/4		1/4	
1/2	2,580.60	1/2	2,223.32	1/2	1,866.74	1/2	1,511.39	1/2	1,163.40	1/2	811.30	1/2	454.02	1/2	96.79	1/2		1/2	
3/4	2,573.17	3/4	2,215.87	3/4	1,859.35	3/4	1,503.94	3/4	1,156.27	3/4	803.86	3/4	446.58	3/4	89.37	3/4		3/4	
1	2,565.73	1	2,208.43	1	1,851.96	1	1,496.50	1	1,149.15	1	796.41	1	439.13	1	81.95	1		1	
1/4	2,558.29	1/4	2,200.99	1/4	1,844.57	1/4	1,489.06	1/4	1,142.03	1/4	788.97	1/4	431.69	1/4	74.53	1/4		1/4	
1/2	2,550.85	1/2	2,193.54	1/2	1,837.19	1/2	1,481.61	1/2	1,134.90	1/2	781.53	1/2	424.25	1/2	67.57	1/2		1/2	
3/4	2,543.41	3/4	2,186.10	3/4	1,829.80	3/4	1,474.17	3/4	1,127.78	3/4	774.08	3/4	416.81	3/4	60.62	3/4		3/4	
2	2,535.96	2	2,178.65	2	1,822.41	2	1,466.72	2	1,120.66	2	766.64	2	409.36	2	53.66	2		2	
1/4	2,528.52	1/4	2,171.21	1/4	1,815.02	1/4	1,459.28	1/4	1,113.53	1/4	759.20	1/4	401.92	1/4	46.70	1/4		1/4	
1/2	2,521.07	1/2	2,163.77	1/2	1,807.63	1/2	1,451.84	1/2	1,106.38	1/2	751.75	1/2	394.48	1/2	41.12	1/2		1/2	
3/4	2,513.63	3/4	2,156.32	3/4	1,800.25	3/4	1,444.39	3/4	1,099.22	3/4	744.31	3/4	387.03	3/4	35.54	3/4		3/4	
3	2,506.19	3	2,148.88	3	1,792.86	3	1,436.95	3	1,092.07	3	736.87	3	379.59	3	29.96	3		3	
1/4	2,498.74	1/4	2,141.43	1/4	1,785.47	1/4	1,429.50	1/4	1,084.91	1/4	729.42	1/4	372.15	1/4	24.38	1/4		1/4	
1/2	2,491.30	1/2	2,133.99	1/2	1,778.08	1/2	1,422.06	1/2	1,077.71	1/2	721.98	1/2	364.70	1/2		1/2		1/2	
3/4	2,483.85	3/4	2,126.55	3/4	1,770.69	3/4	1,414.62	3/4	1,070.50	3/4	714.54	3/4	357.26	3/4		3/4		3/4	
4	2,476.41	4	2,119.10	4	1,763.31	4	1,407.17	4	1,063.29	4	707.09	4	349.82	4		4		4	
1/4	2,468.97	1/4	2,111.66	1/4	1,755.92	1/4	1,399.73	1/4	1,056.09	1/4	699.65	1/4	342.37	1/4		1/4		1/4	
1/2	2,461.52	1/2	2,104.22	1/2	1,748.53	1/2	1,392.36	1/2	1,048.80	1/2	692.21	1/2	334.93	1/2		1/2		1/2	
3/4	2,454.08	3/4	2,096.77	3/4	1,741.14	3/4	1,385.00	3/4	1,041.51	3/4	684.76	3/4	327.49	3/4		3/4		3/4	
5	2,446.63	5	2,089.33	5	1,733.75	5	1,377.63	5	1,034.23	5	677.32	5	320.04	5		5		5	
1/4	2,439.19	1/4	2,081.88	1/4	1,726.37	1/4	1,370.27	1/4	1,026.94	1/4	669.88	1/4	312.60	1/4		1/4		1/4	
1/2	2,431.75	1/2	2,074.44	1/2	1,718.98	1/2	1,363.07	1/2	1,019.55	1/2	662.43	1/2	305.16	1/2		1/2		1/2	
3/4	2,424.30	3/4	2,067.00	3/4	1,711.59	3/4	1,355.86	3/4	1,012.16	3/4	654.99	3/4	297.71	3/4		3/4		3/4	
6	2,416.86	6	2,059.55	6	1,704.20	6	1,348.66	6	1,004.77	6	647.55	6	290.27	6		6		6	
1/4	2,409.42	1/4	2,052.11	1/4	1,696.81	1/4	1,341.45	1/4	997.38	1/4	640.10	1/4	282.83	1/4		1/4		1/4	
1/2	2,401.97	1/2	2,044.66	1/2	1,689.43	1/2	1,334.33	1/2	989.93	1/2	632.66	1/2	275.38	1/2		1/2		1/2	
3/4	2,394.53	3/4	2,037.22	3/4	1,682.04	3/4	1,327.21	3/4	982.49	3/4	625.22	3/4	267.94	3/4		3/4		3/4	
7	2,387.08	7	2,029.78	7	1,674.65	7	1,320.09	7	975.05	7	617.77	7	260.50	7		7		7	
1/4	2,379.64	1/4	2,022.33	1/4	1,667.26	1/4	1,312.96	1/4	967.60	1/4	610.33	1/4	253.05	1/4		1/4		1/4	
1/2	2,372.20	1/2	2,014.89	1/2	1,659.87	1/2	1,305.84	1/2	960.16	1/2	602.89	1/2	245.61	1/2		1/2		1/2	
3/4	2,364.75	3/4	2,007.44	3/4	1,652.49	3/4	1,298.72	3/4	952.72	3/4	595.44	3/4	238.17	3/4		3/4		3/4	
8	2,357.31	8	2,000.00	8	1,645.10	8	1,291.60	8	945.27	8	588.00	8	230.72	8		8		8	
1/4	2,349.86	1/4	1,992.56	1/4	1,637.71	1/4	1,284.48	1/4	937.83	1/4	580.56	1/4	223.28	1/4		1/4		1/4	
1/2	2,342.42	1/2	1,985.13	1/2	1,630.31	1/2	1,277.35	1/2	930.39	1/2	573.11	1/2	215.84	1/2		1/2		1/2	
3/4	2,334.98	3/4	1,977.70	3/4	1,622.91	3/4	1,270.23	3/4	922.95	3/4	565.67	3/4	208.39	3/4		3/4		3/4	
9	2,327.53	9	1,970.27	9	1,615.50	9	1,263.11	9	915.50	9	558.23	9	200.95	9		9		9	
1/4	2,320.09	1/4	1,962.84	1/4	1,608.10	1/4	1,255.99	1/4	908.06	1/4	550.78	1/4	193.51	1/4		1/4		1/4	
1/2	2,312.64	1/2	1,955.44	1/2	1,600.67	1/2	1,248.86	1/2	900.62	1/2	543.34	1/2	186.06	1/2		1/2		1/2	
3/4	2,305.20	3/4	1,948.03	3/4	1,593.24	3/4	1,241.74	3/4	893.18	3/4	535.90	3/4	178.62	3/4		3/4		3/4	
10	2,297.76	10	1,940.63	10	1,585.81	10	1,234.62	10	885.73	10	528.45	10	171.18	10		10		10	
1/4	2,290.31	1/4	1,933.23	1/4	1,578.38	1/4	1,227.50	1/4	878.29	1/4	521.01	1/4	163.73	1/4		1/4		1/4	
1/2	2,282.87	1/2	1,925.84	1/2	1,570.94	1/2	1,220.37	1/2	870.85	1/2	513.57	1/2	156.29	1/2		1/2		1/2	
3/4	2,275.43	3/4	1,918.45	3/4	1,563.50	3/4	1,213.25	3/4	863.40	3/4	506.12	3/4	148.85	3/4		3/4		3/4	
11	2,267.98	11	1,911.07	11	1,556.05	11	1,206.13	11	855.96	11	498.68	11	141.40	11		11		11	
1/4	2,260.54	1/4	1,903.68	1/4	1,548.61	1/4	1,199.01	1/4	848.52	1/4	491.24	1/4	133.96	1/4		1/4		1/4	
1/2	2,253.09	1/2	1,896.29	1/2	1,541.16	1/2	1,191.89	1/2	841.07	1/2	483.79	1/2	126.52	1/2		1/2		1/2	
3/4	2,245.65	3/4	1,888.90	3/4	1,533.72	3/4	1,184.76	3/4	833.63	3/4	476.35	3/4	119.09	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

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



BARGE "MMLP 326"

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**3 STBD
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	4,388.90	0	4,143.38	0	3,896.42	0	3,649.33	0	3,338.06	0	2,980.94
1/4		1/4		1/4		1/4		1/4	4,383.78	1/4	4,138.26	1/4	3,891.27	1/4	3,644.18	1/4	3,330.62	1/4	2,973.50
1/2		1/2		1/2		1/2		1/2	4,378.67	1/2	4,133.15	1/2	3,886.12	1/2	3,639.03	1/2	3,323.18	1/2	2,966.06
3/4		3/4		3/4		3/4	4,605.41	3/4	4,373.55	3/4	4,128.01	3/4	3,880.98	3/4	3,633.89	3/4	3,315.74	3/4	2,958.62
1		1		1		1	4,602.78	1	4,368.44	1	4,122.88	1	3,875.83	1	3,628.74	1	3,308.30	1	2,951.18
1/4		1/4		1/4		1/4	4,600.15	1/4	4,363.32	1/4	4,117.75	1/4	3,870.68	1/4	3,623.59	1/4	3,300.86	1/4	2,943.73
1/2		1/2		1/2		1/2	4,597.52	1/2	4,358.21	1/2	4,112.62	1/2	3,865.53	1/2	3,618.44	1/2	3,293.42	1/2	2,936.29
3/4		3/4		3/4		3/4	4,593.65	3/4	4,353.09	3/4	4,107.48	3/4	3,860.39	3/4	3,613.30	3/4	3,285.98	3/4	2,928.85
2		2		2		2	4,589.77	2	4,347.98	2	4,102.33	2	3,855.24	2	3,608.15	2	3,278.54	2	2,921.41
1/4		1/4		1/4		1/4	4,585.90	1/4	4,342.86	1/4	4,097.18	1/4	3,850.09	1/4	3,603.00	1/4	3,271.10	1/4	2,913.96
1/2		1/2		1/2		1/2	4,582.03	1/2	4,337.75	1/2	4,092.03	1/2	3,844.94	1/2	3,597.85	1/2	3,263.66	1/2	2,906.52
3/4		3/4		3/4		3/4	4,577.22	3/4	4,332.63	3/4	4,086.88	3/4	3,839.79	3/4	3,592.71	3/4	3,256.22	3/4	2,899.08
3		3		3		3	4,572.42	3	4,327.52	3	4,081.74	3	3,834.65	3	3,587.56	3	3,248.78	3	2,891.63
1/4		1/4		1/4		1/4	4,567.61	1/4	4,322.40	1/4	4,076.59	1/4	3,829.50	1/4	3,582.41	1/4	3,241.34	1/4	2,884.19
1/2		1/2		1/2		1/2	4,562.81	1/2	4,317.29	1/2	4,071.44	1/2	3,824.35	1/2	3,577.26	1/2	3,233.90	1/2	2,876.75
3/4		3/4		3/4		3/4	4,557.69	3/4	4,312.17	3/4	4,066.29	3/4	3,819.20	3/4	3,572.11	3/4	3,226.46	3/4	2,869.31
4		4		4		4	4,552.58	4	4,307.06	4	4,061.15	4	3,814.06	4	3,566.97	4	3,219.02	4	2,861.86
1/4		1/4		1/4		1/4	4,547.46	1/4	4,301.94	1/4	4,056.00	1/4	3,808.91	1/4	3,561.82	1/4	3,211.58	1/4	2,854.42
1/2		1/2		1/2		1/2	4,542.35	1/2	4,296.83	1/2	4,050.85	1/2	3,803.76	1/2	3,556.67	1/2	3,204.14	1/2	2,846.98
3/4		3/4		3/4		3/4	4,537.23	3/4	4,291.71	3/4	4,045.70	3/4	3,798.61	3/4	3,550.38	3/4	3,196.70	3/4	2,839.53
5		5		5		5	4,532.12	5	4,286.60	5	4,040.55	5	3,793.47	5	3,544.08	5	3,189.26	5	2,832.09
1/4		1/4		1/4		1/4	4,527.00	1/4	4,281.48	1/4	4,035.41	1/4	3,788.32	1/4	3,537.79	1/4	3,181.82	1/4	2,824.65
1/2		1/2		1/2		1/2	4,521.89	1/2	4,276.37	1/2	4,030.26	1/2	3,783.17	1/2	3,531.49	1/2	3,174.38	1/2	2,817.20
3/4		3/4		3/4		3/4	4,516.77	3/4	4,271.25	3/4	4,025.11	3/4	3,778.02	3/4	3,524.05	3/4	3,166.94	3/4	2,809.76
6		6		6		6	4,511.66	6	4,266.14	6	4,019.96	6	3,772.87	6	3,516.61	6	3,159.50	6	2,802.32
1/4		1/4		1/4		1/4	4,506.54	1/4	4,261.02	1/4	4,014.82	1/4	3,767.73	1/4	3,509.17	1/4	3,152.06	1/4	2,794.88
1/2		1/2		1/2		1/2	4,501.43	1/2	4,255.91	1/2	4,009.67	1/2	3,762.58	1/2	3,501.73	1/2	3,144.62	1/2	2,787.43
3/4		3/4		3/4		3/4	4,496.31	3/4	4,250.79	3/4	4,004.52	3/4	3,757.43	3/4	3,494.29	3/4	3,137.18	3/4	2,779.99
7		7		7		7	4,491.20	7	4,245.68	7	3,999.37	7	3,752.28	7	3,486.85	7	3,129.74	7	2,772.55
1/4		1/4		1/4		1/4	4,486.08	1/4	4,240.56	1/4	3,994.23	1/4	3,747.14	1/4	3,479.41	1/4	3,122.30	1/4	2,765.10
1/2		1/2		1/2		1/2	4,480.97	1/2	4,235.45	1/2	3,989.08	1/2	3,741.99	1/2	3,471.97	1/2	3,114.86	1/2	2,757.66
3/4		3/4		3/4		3/4	4,475.85	3/4	4,230.33	3/4	3,983.93	3/4	3,736.84	3/4	3,464.53	3/4	3,107.42	3/4	2,750.22
8		8		8		8	4,470.74	8	4,225.22	8	3,978.78	8	3,731.69	8	3,457.09	8	3,099.98	8	2,742.78
1/4		1/4		1/4		1/4	4,465.62	1/4	4,220.10	1/4	3,973.63	1/4	3,726.55	1/4	3,449.65	1/4	3,092.54	1/4	2,735.33
1/2		1/2		1/2		1/2	4,460.51	1/2	4,214.99	1/2	3,968.49	1/2	3,721.40	1/2	3,442.22	1/2	3,085.10	1/2	2,727.89
3/4		3/4		3/4		3/4	4,455.39	3/4	4,209.87	3/4	3,963.34	3/4	3,716.25	3/4	3,434.78	3/4	3,077.66	3/4	2,720.45
9		9		9		9	4,450.28	9	4,204.76	9	3,958.19	9	3,711.10	9	3,427.34	9	3,070.23	9	2,713.00
1/4		1/4		1/4		1/4	4,445.16	1/4	4,199.64	1/4	3,953.04	1/4	3,705.95	1/4	3,419.90	1/4	3,062.79	1/4	2,705.56
1/2		1/2		1/2		1/2	4,440.05	1/2	4,194.53	1/2	3,947.90	1/2	3,700.81	1/2	3,412.46	1/2	3,055.35	1/2	2,698.12
3/4		3/4		3/4		3/4	4,434.93	3/4	4,189.41	3/4	3,942.75	3/4	3,695.66	3/4	3,405.02	3/4	3,047.91	3/4	2,690.68
10		10		10		10	4,429.82	10	4,184.30	10	3,937.60	10	3,690.51	10	3,397.58	10	3,040.47	10	2,683.23
1/4		1/4		1/4		1/4	4,424.70	1/4	4,179.18	1/4	3,932.45	1/4	3,685.36	1/4	3,390.14	1/4	3,033.03	1/4	2,675.79
1/2		1/2		1/2		1/2	4,419.59	1/2	4,174.07	1/2	3,927.31	1/2	3,680.22	1/2	3,382.70	1/2	3,025.59	1/2	2,668.35
3/4		3/4		3/4		3/4	4,414.47	3/4	4,168.95	3/4	3,922.16	3/4	3,675.07	3/4	3,375.26	3/4	3,018.15	3/4	2,660.90
11		11		11		11	4,409.36	11	4,163.84	11	3,917.01	11	3,669.92	11	3,367.82	11	3,010.71	11	2,653.46
1/4		1/4		1/4		1/4	4,404.24	1/4	4,158.72	1/4	3,911.86	1/4	3,664.77	1/4	3,360.38	1/4	3,003.27	1/4	2,646.02
1/2		1/2		1/2		1/2	4,399.13	1/2	4,153.61	1/2	3,906.71	1/2	3,659.63	1/2	3,352.94	1/2	2,995.83	1/2	2,638.58
3/4		3/4		3/4		3/4	4,394.01	3/4	4,148.49	3/4	3,901.57	3/4	3,654.48	3/4	3,345.50	3/4	2,988.39	3/4	2,631.13

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 AT WITH "HERMETIC" GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "MMLP 326"

"ALERT THERE IS A VOLUME FOR THE ZERO GAUGES ON STRAPPINGS DUE TO LOCATION OF GAUGING POINT, VERIFY THIS VOLUME BY CHECKING THE AFT MOST GAUGE POINT OR SIGHT GLASS." IF PRODUCT IS NOTED AFTER DISCHARGE, PLEASE NOTIFY THE LA PORTE OFFICE IMMEDIATELY. BARGES ARE DESIGNED TO BE LIQUID FREE AFTER EACH DISCHARGE.

**3 STBD
ULLAGE TABLE**

THIS SIDE FOR ULLAGE FOR INNAGE SEE OTHER SIDE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,623.69	0	2,265.80	0	1,907.84	0	1,549.89	0	1,192.79	0	835.27	0	477.33	0	119.40	0		0	
1/4	2,616.25	1/4	2,258.34	1/4	1,900.38	1/4	1,542.43	1/4	1,185.36	1/4	827.82	1/4	469.87	1/4	111.95	1/4		1/4	
1/2	2,608.80	1/2	2,250.88	1/2	1,892.93	1/2	1,534.97	1/2	1,177.94	1/2	820.36	1/2	462.42	1/2	104.50	1/2		1/2	
3/4	2,601.35	3/4	2,243.42	3/4	1,885.47	3/4	1,527.51	3/4	1,170.51	3/4	812.90	3/4	454.96	3/4	97.07	3/4		3/4	
1	2,593.91	1	2,235.97	1	1,878.01	1	1,520.06	1	1,163.09	1	805.44	1	447.50	1	89.63	1		1	
1/4	2,586.46	1/4	2,228.51	1/4	1,870.55	1/4	1,512.60	1/4	1,155.67	1/4	797.99	1/4	440.05	1/4	82.20	1/4		1/4	
1/2	2,579.01	1/2	2,221.05	1/2	1,863.10	1/2	1,505.14	1/2	1,148.24	1/2	790.53	1/2	432.59	1/2	74.77	1/2		1/2	
3/4	2,571.55	3/4	2,213.59	3/4	1,855.64	3/4	1,497.68	3/4	1,140.82	3/4	783.07	3/4	425.13	3/4	67.79	3/4		3/4	
2	2,564.09	2	2,206.14	2	1,848.18	2	1,490.23	2	1,133.39	2	775.62	2	417.67	2	60.82	2		2	
1/4	2,556.63	1/4	2,198.68	1/4	1,840.72	1/4	1,482.77	1/4	1,125.96	1/4	768.16	1/4	410.22	1/4	53.85	1/4		1/4	
1/2	2,549.18	1/2	2,191.22	1/2	1,833.27	1/2	1,475.31	1/2	1,118.54	1/2	760.70	1/2	402.76	1/2	46.88	1/2		1/2	
3/4	2,541.72	3/4	2,183.76	3/4	1,825.81	3/4	1,467.85	3/4	1,111.10	3/4	753.24	3/4	395.30	3/4	41.29	3/4		3/4	
3	2,534.26	3	2,176.31	3	1,818.35	3	1,460.40	3	1,103.66	3	745.79	3	387.85	3	35.69	3		3	
1/4	2,526.81	1/4	2,168.85	1/4	1,810.89	1/4	1,452.94	1/4	1,096.23	1/4	738.33	1/4	380.39	1/4	30.10	1/4		1/4	
1/2	2,519.35	1/2	2,161.39	1/2	1,803.44	1/2	1,445.48	1/2	1,088.79	1/2	730.87	1/2	372.93	1/2	24.51	1/2		1/2	
3/4	2,511.89	3/4	2,153.94	3/4	1,795.98	3/4	1,438.02	3/4	1,081.34	3/4	723.42	3/4	365.47	3/4		3/4		3/4	
4	2,504.43	4	2,146.48	4	1,788.52	4	1,430.57	4	1,073.89	4	715.96	4	358.02	4		4		4	
1/4	2,496.98	1/4	2,139.02	1/4	1,781.07	1/4	1,423.11	1/4	1,066.44	1/4	708.50	1/4	350.56	1/4		1/4		1/4	
1/2	2,489.52	1/2	2,131.56	1/2	1,773.61	1/2	1,415.65	1/2	1,058.99	1/2	701.04	1/2	343.10	1/2		1/2		1/2	
3/4	2,482.06	3/4	2,124.11	3/4	1,766.15	3/4	1,408.20	3/4	1,051.53	3/4	693.59	3/4	335.65	3/4		3/4		3/4	
5	2,474.60	5	2,116.65	5	1,758.69	5	1,400.75	5	1,044.07	5	686.13	5	328.19	5		5		5	
1/4	2,467.15	1/4	2,109.19	1/4	1,751.24	1/4	1,393.30	1/4	1,036.61	1/4	678.67	1/4	320.73	1/4		1/4		1/4	
1/2	2,459.69	1/2	2,101.73	1/2	1,743.78	1/2	1,385.85	1/2	1,029.16	1/2	671.22	1/2	313.28	1/2		1/2		1/2	
3/4	2,452.23	3/4	2,094.28	3/4	1,736.32	3/4	1,378.42	3/4	1,021.70	3/4	663.76	3/4	305.82	3/4		3/4		3/4	
6	2,444.77	6	2,086.82	6	1,728.86	6	1,370.98	6	1,014.24	6	656.30	6	298.36	6		6		6	
1/4	2,437.32	1/4	2,079.36	1/4	1,721.41	1/4	1,363.55	1/4	1,006.79	1/4	648.84	1/4	290.90	1/4		1/4		1/4	
1/2	2,429.86	1/2	2,071.90	1/2	1,713.95	1/2	1,356.12	1/2	999.33	1/2	641.39	1/2	283.45	1/2		1/2		1/2	
3/4	2,422.40	3/4	2,064.45	3/4	1,706.49	3/4	1,348.69	3/4	991.87	3/4	633.93	3/4	275.99	3/4		3/4		3/4	
7	2,414.94	7	2,056.99	7	1,699.03	7	1,341.27	7	984.41	7	626.47	7	268.53	7		7		7	
1/4	2,407.49	1/4	2,049.53	1/4	1,691.58	1/4	1,333.84	1/4	976.96	1/4	619.02	1/4	261.08	1/4		1/4		1/4	
1/2	2,400.03	1/2	2,042.07	1/2	1,684.12	1/2	1,326.42	1/2	969.50	1/2	611.56	1/2	253.62	1/2		1/2		1/2	
3/4	2,392.57	3/4	2,034.62	3/4	1,676.66	3/4	1,319.00	3/4	962.04	3/4	604.10	3/4	246.16	3/4		3/4		3/4	
8	2,385.11	8	2,027.16	8	1,669.20	8	1,311.57	8	954.59	8	596.64	8	238.70	8		8		8	
1/4	2,377.66	1/4	2,019.70	1/4	1,661.75	1/4	1,304.15	1/4	947.13	1/4	589.19	1/4	231.25	1/4		1/4		1/4	
1/2	2,370.20	1/2	2,012.24	1/2	1,654.29	1/2	1,296.72	1/2	939.67	1/2	581.73	1/2	223.79	1/2		1/2		1/2	
3/4	2,362.74	3/4	2,004.79	3/4	1,646.83	3/4	1,289.30	3/4	932.21	3/4	574.27	3/4	216.33	3/4		3/4		3/4	
9	2,355.29	9	1,997.33	9	1,639.37	9	1,281.88	9	924.76	9	566.82	9	208.88	9		9		9	
1/4	2,347.83	1/4	1,989.87	1/4	1,631.92	1/4	1,274.45	1/4	917.30	1/4	559.36	1/4	201.42	1/4		1/4		1/4	
1/2	2,340.37	1/2	1,982.42	1/2	1,624.46	1/2	1,267.03	1/2	909.84	1/2	551.90	1/2	193.96	1/2		1/2		1/2	
3/4	2,332.91	3/4	1,974.96	3/4	1,617.00	3/4	1,259.60	3/4	902.39	3/4	544.45	3/4	186.50	3/4		3/4		3/4	
10	2,325.46	10	1,967.50	10	1,609.55	10	1,252.18	10	894.93	10	536.99	10	179.05	10		10		10	
1/4	2,318.00	1/4	1,960.04	1/4	1,602.09	1/4	1,244.76	1/4	887.47	1/4	529.53	1/4	171.59	1/4		1/4		1/4	
1/2	2,310.54	1/2	1,952.59	1/2	1,594.63	1/2	1,237.33	1/2	880.01	1/2	522.07	1/2	164.13	1/2		1/2		1/2	
3/4	2,303.08	3/4	1,945.13	3/4	1,587.17	3/4	1,229.91	3/4	872.56	3/4	514.62	3/4	156.68	3/4		3/4		3/4	
11	2,295.63	11	1,937.67	11	1,579.72	11	1,222.48	11	865.10	11	507.16	11	149.22	11		11		11	
1/4	2,288.17	1/4	1,930.21	1/4	1,572.26	1/4	1,215.06	1/4	857.64	1/4	499.70	1/4	141.76	1/4		1/4		1/4	
1/2	2,280.71	1/2	1,922.76	1/2	1,564.80	1/2	1,207.64	1/2	850.19	1/2	492.25	1/2	134.31	1/2		1/2		1/2	
3/4	2,273.25	3/4	1,915.30	3/4	1,557.34	3/4	1,200.21	3/4	842.73	3/4	484.79	3/4	126.86	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/19/2010 CL - SW
CALCULATED: 11/19/2010 CL
PRINTED: 11/21/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2010

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