

Barge ID	Barge Number	UOM	Gauge Type	Date Strapped	Strapped By	Comment
MAP	671	BARRELS	INNAGE	1/27/2004	INSPECTORATE	BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN (RIM OF 2" DIA. BALL VALVE LOCATED NEAR CENTER OF TANK.)

Barge ID	Barge Number	Comp	Gauge Height
MAP	671	1 PORT	185.25
MAP	671	1 STAR	185.00
MAP	671	2 PORT	185.00
MAP	671	2 STAR	185.00
MAP	671	3 PORT	185.50
MAP	671	3 STAR	185.00

MAP 671

COMPARTMENT: 1 PORT GAUGE HEIGHT 15' - 5 1/4"
COMPUTED IN: BARRELS GAUGE TYPE INNAE

GAUGE HEIGHT RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK

STRAPPING TABLE ISSUED JANUARY 27, 2004 BY INSPECTORATE

IN	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	18.36	393.91	779.76	1,165.65	1,551.52	1,937.39	2,323.27	2,709.14	3,095.01	3,480.88	3,866.75	4,252.63	4,638.50	5,024.37	5,410.20
1/4	24.10	401.95	787.82	1,173.69	1,559.56	1,945.43	2,331.31	2,717.18	3,103.05	3,488.92	3,874.79	4,260.67	4,646.54	5,032.41	5,418.28
1/2	29.85	409.96	795.86	1,181.73	1,567.60	1,953.47	2,339.34	2,725.22	3,111.09	3,496.96	3,882.83	4,268.70	4,654.58	5,040.45	5,426.32
3/4	35.59	418.02	803.89	1,189.77	1,575.64	1,961.51	2,347.38	2,733.26	3,119.13	3,505.00	3,890.87	4,276.74	4,662.62	5,048.49	5,434.36
1	41.33	426.06	811.93	1,197.81	1,583.68	1,969.55	2,355.42	2,741.29	3,127.17	3,513.04	3,898.91	4,284.78	4,670.65	5,056.52	5,442.39
1/4	48.80	434.10	819.97	1,205.85	1,591.72	1,977.59	2,363.46	2,749.33	3,135.21	3,521.08	3,906.95	4,292.82	4,678.69	5,064.51	5,450.38
1/2	56.27	442.14	828.01	1,213.88	1,599.76	1,985.63	2,371.50	2,757.37	3,143.24	3,529.12	3,914.99	4,300.86	4,686.73	5,072.59	5,458.46
3/4	64.31	450.18	836.05	1,221.92	1,607.80	1,993.67	2,379.54	2,765.41	3,151.28	3,537.16	3,923.03	4,308.90	4,694.77	5,080.38	5,466.25
2	72.35	458.22	844.09	1,229.96	1,615.83	2,001.71	2,387.58	2,773.45	3,159.32	3,545.19	3,931.07	4,316.94	4,702.81	5,088.36	5,474.23
1/4	80.39	466.26	852.13	1,238.00	1,623.87	2,009.75	2,395.62	2,781.49	3,167.36	3,553.23	3,939.11	4,324.98	4,710.85	5,096.35	5,482.11
1/2	88.42	474.30	860.17	1,246.04	1,631.91	2,017.78	2,403.66	2,789.53	3,175.40	3,561.27	3,947.14	4,333.02	4,718.89	5,104.34	5,490.00
3/4	96.46	482.33	868.21	1,254.08	1,639.95	2,025.82	2,411.70	2,797.57	3,183.44	3,569.31	3,955.18	4,341.06	4,726.93	5,112.32	5,497.98
3	104.50	490.37	876.25	1,262.12	1,647.99	2,033.86	2,419.73	2,805.61	3,191.48	3,577.35	3,963.22	4,349.09	4,734.97	5,120.31	5,505.86
1/4	112.54	498.41	884.28	1,270.16	1,656.03	2,041.90	2,427.77	2,813.65	3,199.52	3,585.39	3,971.26	4,357.13	4,743.01	5,128.29	5,513.80
1/2	120.58	506.45	892.32	1,278.20	1,664.07	2,049.94	2,435.81	2,821.68	3,207.56	3,593.43	3,979.30	4,365.17	4,751.04	5,136.28	5,521.78
3/4	128.62	514.49	900.36	1,286.24	1,672.11	2,057.98	2,443.85	2,829.72	3,215.60	3,601.47	3,987.34	4,373.21	4,759.08	5,144.27	5,529.76
4	136.66	522.53	908.40	1,294.27	1,680.15	2,066.02	2,451.89	2,837.76	3,223.63	3,609.51	3,995.38	4,381.25	4,767.12	5,152.25	5,537.74
1/4	144.70	530.57	916.44	1,302.31	1,688.19	2,074.06	2,459.93	2,845.80	3,231.67	3,617.55	4,003.42	4,389.29	4,775.16	5,160.24	5,545.72
1/2	152.74	538.67	924.48	1,310.35	1,696.22	2,082.10	2,467.97	2,853.84	3,239.71	3,625.58	4,011.46	4,397.33	4,783.20	5,168.22	5,553.70
3/4	160.78	546.65	932.52	1,318.39	1,704.26	2,090.14	2,476.01	2,861.88	3,247.75	3,633.62	4,019.50	4,405.37	4,791.24	5,176.21	5,561.68
5	168.81	554.69	940.56	1,326.43	1,712.30	2,098.17	2,484.05	2,869.92	3,255.79	3,641.66	4,027.53	4,413.41	4,799.28	5,184.20	5,569.66
1/4	176.85	562.72	948.60	1,334.47	1,720.34	2,106.21	2,492.09	2,877.96	3,263.83	3,649.70	4,035.57	4,421.45	4,807.32	5,192.18	5,577.64
1/2	184.89	570.76	956.64	1,342.51	1,728.38	2,114.25	2,500.12	2,886.00	3,271.87	3,657.74	4,043.61	4,429.48	4,815.36	5,200.17	5,585.62
3/4	192.93	578.80	964.67	1,350.55	1,736.42	2,122.29	2,508.16	2,894.04	3,279.91	3,665.78	4,051.65	4,437.52	4,823.40	5,208.15	5,593.60
6	200.97	586.84	972.71	1,358.59	1,744.46	2,130.33	2,516.20	2,902.07	3,287.95	3,673.82	4,059.69	4,445.56	4,831.43	5,216.14	5,601.58
1/4	209.01	594.88	980.75	1,366.63	1,752.50	2,138.37	2,524.24	2,910.11	3,295.99	3,681.86	4,067.73	4,453.60	4,839.47	5,224.13	5,609.56
1/2	217.05	602.92	988.79	1,374.66	1,760.54	2,146.41	2,532.28	2,918.15	3,304.02	3,689.90	4,075.77	4,461.64	4,847.51	5,232.11	5,617.54
3/4	225.09	610.96	996.83	1,382.70	1,768.58	2,154.45	2,540.32	2,926.19	3,312.06	3,697.94	4,083.81	4,469.68	4,855.55	5,240.10	5,625.52
7	233.13	619.00	1,004.87	1,390.74	1,776.65	2,162.49	2,548.36	2,934.23	3,320.10	3,705.97	4,091.85	4,477.72	4,863.59	5,248.08	5,633.50
1/4	241.17	627.04	1,012.91	1,398.78	1,784.65	2,170.53	2,556.40	2,942.27	3,328.14	3,714.01	4,099.89	4,485.76	4,871.63	5,256.07	5,641.48
1/2	249.20	635.08	1,020.95	1,406.82	1,792.69	2,178.56	2,564.44	2,950.31	3,336.18	3,722.05	4,107.92	4,493.80	4,879.67	5,264.06	5,649.46
3/4	257.24	643.11	1,028.99	1,414.86	1,800.73	2,186.60	2,572.48	2,958.35	3,344.22	3,730.09	4,115.96	4,501.84	4,887.71	5,272.04	5,657.44
8	265.28	651.15	1,037.03	1,422.90	1,808.77	2,194.64	2,580.51	2,966.39	3,352.26	3,738.13	4,124.00	4,509.87	4,895.75	5,280.03	5,665.42
1/4	273.32	659.19	1,045.07	1,430.94	1,816.81	2,202.68	2,588.55	2,974.43	3,360.30	3,746.17	4,132.04	4,517.91	4,903.79	5,288.01	5,673.40
1/2	281.36	667.23	1,053.10	1,438.98	1,824.85	2,210.72	2,596.59	2,982.46	3,368.34	3,754.21	4,140.08	4,525.95	4,911.82	5,296.00	5,681.38
3/4	289.40	675.27	1,061.14	1,447.02	1,832.89	2,218.76	2,604.63	2,990.50	3,376.38	3,762.25	4,148.12	4,533.99	4,919.86	5,303.99	5,689.36
9	297.44	683.31	1,069.18	1,455.05	1,840.93	2,226.80	2,612.67	2,998.54	3,384.41	3,770.29	4,156.16	4,542.03	4,927.90	5,311.97	5,697.34
1/4	305.48	691.35	1,077.22	1,463.09	1,848.97	2,234.84	2,620.71	3,006.58	3,392.45	3,778.33	4,164.20	4,550.07	4,935.94	5,319.96	5,705.32
1/2	313.52	699.39	1,085.26	1,471.13	1,857.00	2,242.88	2,628.75	3,014.62	3,400.49	3,786.36	4,172.24	4,558.11	4,943.98	5,327.94	5,713.30
3/4	321.56	707.43	1,093.30	1,479.17	1,865.04	2,250.92	2,636.79	3,022.66	3,408.53	3,794.40	4,180.28	4,566.15	4,952.02	5,335.93	5,721.28
10	329.59	715.47	1,101.34	1,487.21	1,873.08	2,258.95	2,644.83	3,030.70	3,416.57	3,802.44	4,188.31	4,574.19	4,960.06	5,343.92	5,729.26
1/4	337.63	723.50	1,109.38	1,495.25	1,881.12	2,266.99	2,652.87	3,038.74	3,424.61	3,810.48	4,196.35	4,582.23	4,968.10	5,351.90	5,737.24
1/2	345.67	731.54	1,117.42	1,503.29	1,889.16	2,275.03	2,660.90	3,046.78	3,432.65	3,818.52	4,204.39	4,590.26	4,976.14	5,359.89	5,745.22
3/4	353.71	739.58	1,125.46	1,511.33	1,897.20	2,283.07	2,668.94	3,054.82	3,440.69	3,826.56	4,212.43	4,598.30	4,984.18	5,367.87	5,753.20
11	361.75	747.62	1,133.49	1,519.37	1,905.24	2,291.11	2,676.98	3,062.85	3,448.73	3,834.64	4,220.47	4,606.34	4,992.21	5,375.86	5,761.18
1/4	369.79	755.66	1,141.53	1,527.41	1,913.28	2,299.15	2,685.02	3,070.89	3,456.77	3,842.64	4,228.51	4,614.38	5,000.25	5,383.85	5,769.16
1/2	377.83	763.70	1,149.57	1,535.44	1,921.32	2,307.19	2,693.06	3,078.93	3,464.80	3,850.68	4,236.55	4,622.42	5,008.29	5,391.83	5,777.14
3/4	385.87	771.74	1,157.61	1,543.48	1,929.36	2,315.23	2,701.10	3,086.97	3,472.84	3,858.72	4,244.59	4,630.46	5,016.33	5,399.82	5,785.12

MAP 671

COMPARTMENT:
COMPUTED IN:

1 STAR
BARRELS

GAUGE HEIGHT
GAUGE TYPE
15' - 5"

GAUGE HEIGHT RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK

STRAPPING TABLE ISSUED JANUARY 27, 2004 BY INSPECTORATE

IN	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	18.36	393.91	779.78	1,165.65	1,551.52	1,937.39	2,323.27	2,709.14	3,095.01	3,480.88	3,866.75	4,252.63	4,638.50	5,024.37	5,407.80
1/4	24.10	401.95	787.82	1,173.69	1,559.56	1,945.43	2,331.31	2,717.18	3,103.05	3,488.92	3,874.79	4,260.67	4,646.54	5,032.41	5,415.20
1/2	29.85	409.98	795.86	1,181.73	1,567.60	1,953.47	2,339.34	2,725.22	3,111.09	3,496.96	3,882.83	4,268.70	4,654.58	5,040.45	5,422.59
3/4	35.59	418.02	803.89	1,189.77	1,575.64	1,961.51	2,347.38	2,733.26	3,119.13	3,505.00	3,890.87	4,276.74	4,662.62	5,048.43	5,429.98
1	41.33	426.06	811.93	1,197.81	1,583.68	1,969.55	2,355.42	2,741.29	3,127.17	3,513.04	3,898.91	4,284.78	4,670.65	5,056.42	5,437.37
1/4	48.80	434.10	819.97	1,205.85	1,591.72	1,977.59	2,363.46	2,749.33	3,135.21	3,521.08	3,906.95	4,292.82	4,678.69	5,064.41	5,443.62
1/2	56.27	442.14	828.01	1,213.88	1,599.76	1,985.63	2,371.50	2,757.37	3,143.24	3,529.12	3,914.99	4,300.86	4,686.73	5,072.39	5,449.87
3/4	64.31	450.18	836.05	1,221.92	1,607.80	1,993.67	2,379.54	2,765.41	3,151.28	3,537.16	3,923.03	4,308.90	4,694.77	5,080.38	5,456.12
2	72.35	458.22	844.09	1,229.96	1,615.83	2,001.71	2,387.58	2,773.45	3,159.32	3,545.19	3,931.07	4,316.94	4,702.81	5,088.36	5,462.38
1/4	80.39	466.26	852.13	1,238.00	1,623.87	2,009.75	2,395.62	2,781.49	3,167.36	3,553.23	3,939.11	4,324.98	4,710.85	5,096.35	5,467.44
1/2	88.42	474.30	860.17	1,246.04	1,631.91	2,017.78	2,403.66	2,789.53	3,175.40	3,561.27	3,947.14	4,333.02	4,718.89	5,104.34	5,472.50
3/4	96.46	482.33	868.21	1,254.08	1,639.95	2,025.82	2,411.70	2,797.57	3,183.44	3,569.31	3,955.18	4,341.06	4,726.83	5,112.32	5,477.56
3	104.50	490.37	876.25	1,262.12	1,647.99	2,033.86	2,419.73	2,805.61	3,191.48	3,577.35	3,963.22	4,349.09	4,734.97	5,120.31	5,482.62
1/4	112.54	498.41	884.28	1,270.16	1,656.03	2,041.90	2,427.77	2,813.65	3,199.52	3,585.39	3,971.26	4,357.13	4,743.01	5,128.29	5,486.49
1/2	120.58	506.45	892.32	1,278.20	1,664.07	2,049.94	2,435.81	2,821.85	3,207.56	3,593.43	3,979.30	4,365.17	4,751.04	5,136.28	5,490.36
3/4	128.62	514.49	900.36	1,286.24	1,672.11	2,057.98	2,443.86	2,829.72	3,215.60	3,601.47	3,987.34	4,373.21	4,759.08	5,144.27	5,494.23
4	136.66	522.53	908.40	1,294.27	1,680.15	2,066.02	2,451.89	2,837.76	3,223.63	3,609.51	3,995.38	4,381.25	4,767.12	5,152.25	5,498.10
1/4	144.70	530.57	916.44	1,302.31	1,688.19	2,074.06	2,459.93	2,845.80	3,231.67	3,617.55	4,003.42	4,389.29	4,775.16	5,160.24	5,500.78
1/2	152.74	538.67	924.48	1,310.35	1,696.22	2,082.10	2,467.97	2,853.84	3,239.71	3,625.58	4,011.46	4,397.33	4,783.20	5,168.22	5,503.46
3/4	160.78	546.65	932.52	1,318.39	1,704.26	2,090.14	2,476.01	2,861.88	3,247.75	3,633.62	4,019.50	4,405.37	4,791.24	5,176.21	5,506.13
5	168.81	554.69	940.56	1,326.43	1,712.30	2,098.17	2,484.05	2,868.92	3,255.79	3,641.66	4,027.53	4,413.41	4,799.28	5,184.20	5,508.81
1/4	176.85	562.72	948.60	1,334.47	1,720.34	2,106.21	2,492.09	2,877.96	3,263.83	3,649.70	4,035.57	4,421.45	4,807.32	5,192.18	5,511.78
1/2	184.89	570.76	956.64	1,342.51	1,728.38	2,114.25	2,500.12	2,886.00	3,271.87	3,657.74	4,043.61	4,429.48	4,815.36	5,200.17	5,514.75
3/4	192.93	578.80	964.67	1,350.55	1,736.42	2,122.29	2,508.16	2,894.04	3,279.91	3,665.78	4,051.65	4,437.52	4,823.40	5,208.15	5,517.72
6	200.97	586.84	972.71	1,358.59	1,744.46	2,130.33	2,516.20	2,902.07	3,287.95	3,673.82	4,059.69	4,445.56	4,831.43	5,216.14	5,514.75
1/4	209.01	594.88	980.75	1,366.63	1,752.50	2,138.37	2,524.24	2,910.11	3,295.99	3,681.86	4,067.73	4,453.60	4,839.47	5,224.13	5,515.20
1/2	217.05	602.92	988.79	1,374.66	1,760.54	2,146.41	2,532.28	2,918.15	3,304.02	3,689.90	4,075.77	4,461.64	4,847.51	5,232.11	5,515.64
3/4	225.09	610.96	996.83	1,382.70	1,768.58	2,154.45	2,540.32	2,926.19	3,312.06	3,697.94	4,083.81	4,469.68	4,855.55	5,240.10	5,516.08
7	233.13	619.00	1,004.87	1,390.74	1,776.61	2,162.49	2,548.36	2,934.23	3,320.14	3,705.97	4,091.85	4,477.72	4,863.59	5,248.08	
1/4	241.17	627.04	1,012.91	1,398.78	1,784.65	2,170.53	2,556.40	2,942.27	3,328.14	3,714.01	4,099.89	4,485.76	4,871.63	5,256.07	
1/2	249.20	635.08	1,020.95	1,406.82	1,792.69	2,178.56	2,564.44	2,950.31	3,336.18	3,722.05	4,107.92	4,493.80	4,879.67	5,264.06	
3/4	257.24	643.11	1,028.99	1,414.86	1,800.73	2,186.60	2,572.48	2,958.35	3,344.22	3,730.09	4,115.96	4,501.84	4,887.71	5,272.04	
8	265.28	651.15	1,037.03	1,422.90	1,808.77	2,194.64	2,580.51	2,966.39	3,352.26	3,738.13	4,124.00	4,509.87	4,895.75	5,280.03	
1/4	273.32	659.19	1,045.07	1,430.94	1,816.81	2,202.68	2,588.55	2,974.43	3,360.30	3,746.17	4,132.04	4,517.91	4,903.79	5,288.01	
1/2	281.36	667.23	1,053.10	1,438.98	1,824.85	2,210.72	2,596.59	2,982.46	3,368.34	3,754.21	4,140.08	4,525.95	4,911.82	5,296.00	
3/4	289.40	675.27	1,061.14	1,447.02	1,832.89	2,218.76	2,604.63	2,990.50	3,376.38	3,762.25	4,148.12	4,533.99	4,919.86	5,303.99	
9	297.44	683.31	1,069.18	1,455.05	1,840.93	2,226.80	2,612.67	2,998.54	3,384.41	3,770.29	4,156.16	4,542.03	4,927.94	5,311.97	
1/4	305.48	691.35	1,077.22	1,463.09	1,848.97	2,234.84	2,620.71	3,006.58	3,392.45	3,778.33	4,164.20	4,550.07	4,935.94	5,319.96	
1/2	313.52	699.39	1,085.26	1,471.13	1,857.00	2,242.88	2,628.75	3,014.62	3,400.49	3,786.36	4,172.24	4,558.11	4,943.98	5,327.94	
3/4	321.56	707.43	1,093.30	1,479.17	1,865.04	2,250.92	2,636.79	3,022.66	3,408.53	3,794.40	4,180.28	4,566.15	4,952.02	5,335.93	
10	329.59	715.47	1,101.34	1,487.21	1,873.08	2,258.95	2,644.83	3,030.70	3,416.57	3,802.44	4,188.31	4,574.19	4,960.06	5,343.92	
1/4	337.63	723.50	1,109.38	1,495.25	1,881.12	2,266.99	2,652.87	3,038.74	3,424.61	3,810.48	4,196.35	4,582.23	4,968.10	5,351.90	
1/2	345.67	731.54	1,117.42	1,503.29	1,889.16	2,275.03	2,660.90	3,046.78	3,432.65	3,818.52	4,204.39	4,590.26	4,976.14	5,359.89	
3/4	353.71	739.58	1,125.46	1,511.33	1,897.20	2,283.07	2,668.94	3,054.82	3,440.69	3,826.56	4,212.43	4,598.30	4,984.18	5,367.87	
11	361.75	747.62	1,133.49	1,519.37	1,905.24	2,291.11	2,676.98	3,062.85	3,448.73	3,834.60	4,220.47	4,606.34	4,992.21	5,375.86	
1/4	369.79	755.66	1,141.53	1,527.41	1,913.28	2,299.15	2,685.02	3,070.89	3,456.77	3,842.64	4,228.51	4,614.38	4,999.25	5,383.85	
1/2	377.83	763.70	1,149.57	1,535.44	1,921.32	2,307.19	2,693.06	3,078.93	3,464.80	3,850.68	4,236.55	4,622.42	5,006.29	5,391.83	
3/4	385.87	771.74	1,157.61	1,543.48	1,929.36	2,315.23	2,701.10	3,086.97	3,472.84	3,858.72	4,244.59	4,630.46	5,016.33	5,399.82	

MAP 671

COMPARTMENT: 2 PORT
COMPUTED IN: BARRELS
GAUGE HEIGHT: 15' - 5"

GAUGE HEIGHT RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK

STRAPPING TABLE ISSUED JANUARY 27, 2004 BY INSPECTOR/ATE

IN	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	18.77	402.77	797.33	1,191.89	1,586.45	1,981.01	2,375.57	2,770.13	3,164.69	3,559.25	3,953.81	4,348.37	4,742.93	5,137.49	5,529.52
1/4	24.64	410.99	805.55	1,200.11	1,594.67	1,989.23	2,383.79	2,778.35	3,172.91	3,567.47	3,962.03	4,356.59	4,751.15	5,145.71	5,537.07
1/2	30.51	419.21	813.77	1,208.33	1,602.89	1,997.45	2,392.01	2,786.57	3,181.13	3,575.69	3,970.25	4,364.81	4,759.37	5,153.93	5,544.63
3/4	36.39	427.43	821.99	1,216.55	1,611.11	2,005.67	2,400.23	2,794.79	3,189.35	3,583.91	3,978.47	4,373.03	4,767.59	5,162.09	5,552.18
1	42.26	435.65	830.21	1,224.77	1,619.33	2,013.89	2,408.45	2,803.01	3,197.57	3,592.13	3,986.69	4,381.25	4,775.81	5,170.26	5,559.74
1/4	48.89	443.87	838.43	1,232.99	1,627.55	2,022.11	2,416.67	2,811.23	3,205.79	3,600.35	3,994.91	4,389.47	4,784.03	5,178.42	5,566.13
1/2	57.53	452.09	846.65	1,241.21	1,635.77	2,030.33	2,424.89	2,819.45	3,214.01	3,608.57	4,003.13	4,397.69	4,792.25	5,186.59	5,572.52
3/4	65.75	460.31	854.87	1,249.43	1,643.99	2,038.55	2,433.11	2,827.67	3,222.23	3,616.79	4,011.35	4,405.91	4,800.47	5,194.75	5,578.92
2	73.97	468.53	863.09	1,257.65	1,652.21	2,046.77	2,441.33	2,835.89	3,230.45	3,625.01	4,019.57	4,414.13	4,808.69	5,202.92	5,585.31
1/4	82.19	476.75	871.31	1,265.87	1,660.43	2,054.99	2,449.55	2,844.11	3,238.67	3,633.23	4,027.79	4,422.35	4,816.91	5,211.08	5,590.48
1/2	90.41	484.97	879.53	1,274.09	1,668.65	2,063.21	2,457.77	2,852.33	3,246.89	3,641.45	4,036.01	4,430.57	4,825.13	5,219.25	5,595.66
3/4	98.63	493.19	887.75	1,282.31	1,676.87	2,071.43	2,465.99	2,860.55	3,255.11	3,649.67	4,044.23	4,438.79	4,833.35	5,227.41	5,600.83
3	106.85	501.41	895.97	1,290.53	1,685.09	2,079.65	2,474.21	2,868.77	3,263.33	3,657.89	4,052.45	4,447.01	4,841.57	5,235.58	5,606.01
1/4	115.07	509.63	904.19	1,298.75	1,693.31	2,087.87	2,482.43	2,886.99	3,271.55	3,666.11	4,060.67	4,455.23	4,849.79	5,243.74	5,609.96
1/2	123.29	517.85	912.41	1,306.97	1,701.53	2,096.09	2,496.65	2,896.21	3,279.77	3,674.33	4,068.89	4,463.45	4,858.01	5,251.91	5,613.92
3/4	131.51	526.07	920.63	1,315.19	1,709.75	2,104.31	2,498.87	2,893.43	3,287.99	3,682.55	4,077.11	4,471.67	4,866.23	5,260.07	5,617.88
4	139.73	534.29	928.85	1,323.41	1,717.97	2,112.53	2,507.09	2,901.65	3,296.21	3,690.77	4,085.33	4,479.89	4,874.45	5,268.24	5,621.83
1/4	147.95	542.51	937.07	1,331.63	1,726.19	2,120.75	2,515.31	2,909.87	3,304.43	3,698.99	4,093.55	4,488.11	4,882.67	5,276.40	5,624.57
1/2	156.17	550.73	945.29	1,339.85	1,734.41	2,128.97	2,523.53	2,918.09	3,312.65	3,707.21	4,101.77	4,496.33	4,890.89	5,284.57	5,627.31
3/4	164.39	558.95	953.51	1,348.07	1,742.63	2,137.19	2,531.75	2,926.31	3,320.87	3,715.43	4,109.99	4,504.55	4,899.11	5,292.73	5,630.05
5	172.61	567.17	961.73	1,356.29	1,750.85	2,145.41	2,539.97	2,934.53	3,329.09	3,723.65	4,118.21	4,512.77	4,907.33	5,300.90	5,632.78
1/4	180.83	575.39	969.95	1,364.51	1,759.07	2,153.63	2,548.19	2,942.75	3,337.31	3,731.87	4,126.43	4,520.99	4,915.55	5,309.06	5,634.30
1/2	189.05	583.61	978.17	1,372.73	1,767.29	2,161.85	2,556.41	2,950.97	3,345.53	3,740.09	4,134.65	4,529.21	4,923.77	5,317.23	5,635.82
3/4	197.27	591.83	986.39	1,380.95	1,775.51	2,170.07	2,564.63	2,959.19	3,353.75	3,748.31	4,142.87	4,537.43	4,931.99	5,325.39	5,637.34
6	205.49	599.44	994.61	1,389.17	1,783.73	2,178.29	2,572.85	2,967.41	3,361.97	3,756.53	4,151.09	4,545.65	4,940.21	5,333.56	5,638.86
1/4	213.71	608.27	1,002.83	1,397.39	1,791.95	2,186.51	2,581.07	2,975.63	3,370.19	3,764.75	4,159.31	4,553.87	4,948.43	5,341.72	5,639.31
1/2	221.93	616.49	1,011.05	1,405.61	1,800.17	2,194.73	2,589.28	2,983.85	3,378.41	3,772.97	4,167.53	4,562.09	4,956.65	5,349.89	5,639.77
3/4	230.15	624.71	1,019.27	1,413.83	1,808.39	2,202.95	2,597.51	2,992.07	3,386.63	3,781.19	4,175.75	4,570.31	4,964.87	5,358.05	5,640.22
7	238.37	632.93	1,027.49	1,422.05	1,816.61	2,211.17	2,605.73	3,000.29	3,394.85	3,789.41	4,183.97	4,578.53	4,973.09	5,366.22	
1/4	246.59	641.15	1,035.71	1,430.27	1,824.83	2,219.39	2,613.95	3,008.51	3,403.07	3,797.63	4,192.19	4,586.75	4,981.31	5,374.38	
1/2	254.81	649.37	1,043.93	1,438.49	1,833.05	2,227.61	2,622.17	3,016.73	3,411.29	3,805.85	4,200.41	4,594.97	4,989.53	5,382.55	
3/4	263.03	657.59	1,052.15	1,446.71	1,841.27	2,235.83	2,630.39	3,024.95	3,419.51	3,814.07	4,208.63	4,603.19	4,997.75	5,390.71	
8	271.25	665.81	1,060.37	1,454.93	1,849.49	2,244.05	2,638.61	3,033.17	3,427.73	3,822.29	4,216.85	4,611.41	5,005.97	5,398.88	
1/4	279.47	674.03	1,068.59	1,463.15	1,857.71	2,252.27	2,646.83	3,041.39	3,435.95	3,830.51	4,225.07	4,619.63	5,014.19	5,407.04	
1/2	287.69	682.25	1,076.81	1,471.37	1,865.93	2,260.49	2,655.05	3,049.61	3,444.17	3,838.73	4,233.29	4,627.85	5,022.41	5,415.21	
3/4	295.91	690.47	1,085.03	1,479.59	1,874.15	2,268.71	2,663.27	3,057.83	3,452.39	3,846.95	4,241.51	4,636.07	5,030.63	5,423.37	
9	304.13	698.69	1,093.25	1,487.81	1,882.37	2,276.93	2,671.49	3,066.05	3,460.61	3,855.17	4,249.73	4,644.29	5,038.85	5,431.54	
1/4	312.35	706.91	1,101.47	1,496.03	1,890.59	2,285.15	2,679.71	3,074.27	3,468.83	3,863.39	4,257.95	4,652.51	5,047.07	5,439.70	
1/2	320.57	715.13	1,109.69	1,504.25	1,898.81	2,293.37	2,687.93	3,082.49	3,477.05	3,871.61	4,266.17	4,660.73	5,055.29	5,447.87	
3/4	328.79	723.35	1,117.91	1,512.47	1,907.03	2,301.59	2,696.15	3,090.71	3,485.27	3,879.83	4,274.39	4,668.95	5,063.51	5,456.03	
10	337.01	731.57	1,126.13	1,520.69	1,915.25	2,309.81	2,704.37	3,098.93	3,493.49	3,888.05	4,282.61	4,677.17	5,071.73	5,464.20	
1/4	345.23	739.79	1,134.35	1,528.91	1,923.47	2,318.03	2,712.59	3,107.15	3,501.71	3,896.27	4,290.83	4,685.39	5,079.95	5,472.36	
1/2	353.45	748.01	1,142.57	1,537.13	1,931.69	2,326.25	2,720.81	3,115.37	3,509.93	3,904.49	4,299.05	4,693.61	5,088.17	5,480.53	
3/4	361.67	756.23	1,150.79	1,545.35	1,939.91	2,334.47	2,729.03	3,123.59	3,518.15	3,912.71	4,307.27	4,701.83	5,096.39	5,488.69	
11	369.89	764.45	1,159.01	1,553.57	1,948.13	2,342.69	2,737.25	3,131.81	3,526.37	3,920.93	4,315.49	4,710.05	5,104.61	5,496.86	
1/4	378.11	772.67	1,167.23	1,561.79	1,956.35	2,350.91	2,745.47	3,140.03	3,534.59	3,929.15	4,323.71	4,718.27	5,112.83	5,505.02	
1/2	386.33	780.89	1,175.45	1,570.01	1,964.57	2,359.13	2,753.69	3,148.25	3,542.81	3,937.37	4,331.93	4,726.49	5,121.05	5,513.19	
3/4	394.55	789.11	1,183.67	1,578.23	1,972.79	2,367.35	2,761.81	3,156.47	3,551.03	3,945.59	4,340.15	4,734.71	5,129.27	5,521.35	

MAP 671

COMPARTMENT: 2 STAR
COMPUTED IN: BARRELS
GAUGE HEIGHT: 15' - 5"

GAUGE HEIGHT RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK

STRAPPING TABLE ISSUED JANUARY 27, 2004 BY INSPECTORATE

IN	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	18.77	402.77	797.33	1,191.89	1,586.45	1,981.01	2,375.57	2,770.13	3,164.69	3,559.25	3,953.81	4,348.37	4,742.93	5,137.49	5,529.52
1/4	24.64	410.99	805.55	1,200.11	1,594.67	1,989.23	2,383.79	2,778.35	3,172.91	3,567.47	3,962.03	4,356.59	4,751.15	5,145.71	5,537.07
1/2	30.51	419.21	813.77	1,208.33	1,602.89	1,997.45	2,392.01	2,786.57	3,181.13	3,575.69	3,970.25	4,364.81	4,759.37	5,153.93	5,544.63
3/4	36.39	427.43	821.99	1,216.55	1,611.11	2,005.67	2,400.23	2,794.79	3,189.35	3,583.91	3,978.47	4,373.03	4,767.59	5,162.09	5,552.18
1	42.26	435.65	830.21	1,224.77	1,619.33	2,013.89	2,408.45	2,803.01	3,197.57	3,592.13	3,986.69	4,381.25	4,775.81	5,170.26	5,559.74
1/4	48.89	443.87	838.43	1,232.99	1,627.55	2,022.11	2,416.67	2,811.23	3,205.79	3,600.35	3,994.91	4,389.47	4,784.03	5,178.42	5,566.13
1/2	57.53	452.09	846.65	1,241.21	1,635.77	2,030.33	2,424.89	2,819.45	3,214.01	3,608.57	4,003.13	4,397.69	4,792.25	5,186.59	5,572.52
3/4	65.75	460.31	854.87	1,249.43	1,643.99	2,038.55	2,433.11	2,827.67	3,222.23	3,616.79	4,011.35	4,405.91	4,800.47	5,194.75	5,578.92
2	73.97	468.53	863.09	1,257.65	1,652.21	2,046.77	2,441.33	2,835.89	3,230.45	3,625.01	4,019.57	4,414.13	4,808.69	5,202.92	5,585.31
1/4	82.19	476.75	871.31	1,265.87	1,660.43	2,054.99	2,449.55	2,844.11	3,238.67	3,633.23	4,027.79	4,422.35	4,816.91	5,211.08	5,590.48
1/2	90.41	484.97	879.53	1,274.09	1,668.65	2,063.21	2,457.77	2,852.33	3,246.89	3,641.45	4,036.01	4,430.57	4,825.13	5,219.25	5,595.66
3/4	98.63	493.19	887.75	1,282.31	1,676.87	2,071.43	2,465.99	2,860.55	3,255.11	3,649.67	4,044.23	4,438.79	4,833.35	5,227.41	5,600.83
3	106.85	501.41	895.97	1,290.53	1,685.09	2,079.65	2,474.21	2,868.77	3,263.33	3,657.89	4,052.45	4,447.01	4,841.57	5,235.58	5,606.01
1/4	115.07	509.63	904.19	1,298.75	1,693.31	2,087.87	2,482.43	2,876.99	3,271.55	3,666.11	4,060.67	4,455.23	4,849.79	5,243.74	5,609.96
1/2	123.29	517.85	912.41	1,306.97	1,701.53	2,096.09	2,490.66	2,885.21	3,279.77	3,674.33	4,068.89	4,463.45	4,858.01	5,251.91	5,613.92
3/4	131.51	526.07	920.63	1,315.19	1,709.75	2,104.31	2,498.87	2,893.43	3,287.99	3,682.55	4,077.11	4,471.67	4,866.23	5,260.07	5,617.88
4	139.73	534.29	928.85	1,323.41	1,717.97	2,112.53	2,507.09	2,901.65	3,296.21	3,690.77	4,085.33	4,479.89	4,874.45	5,268.24	5,621.83
1/4	147.95	542.51	937.07	1,331.63	1,726.19	2,120.75	2,515.31	2,909.87	3,304.43	3,698.99	4,093.55	4,488.11	4,882.67	5,276.40	5,624.57
1/2	156.17	550.73	945.29	1,339.85	1,734.41	2,128.97	2,523.53	2,918.09	3,312.65	3,707.21	4,101.77	4,496.33	4,890.89	5,284.57	5,627.31
3/4	164.39	558.95	953.51	1,348.07	1,742.63	2,137.19	2,531.75	2,926.31	3,320.87	3,715.43	4,109.99	4,504.55	4,899.11	5,292.73	5,630.05
5	172.61	567.17	961.73	1,356.29	1,750.85	2,145.41	2,539.97	2,934.53	3,329.09	3,723.65	4,118.21	4,512.77	4,907.33	5,300.90	5,632.78
1/4	180.83	575.39	969.95	1,364.51	1,759.07	2,154.63	2,548.19	2,942.75	3,337.31	3,731.87	4,126.43	4,520.99	4,915.55	5,309.06	5,634.30
1/2	189.05	583.61	978.17	1,372.73	1,767.29	2,161.85	2,556.41	2,950.97	3,345.53	3,740.09	4,134.65	4,529.21	4,923.77	5,317.23	5,635.82
3/4	197.27	591.83	986.39	1,380.95	1,775.51	2,170.07	2,564.63	2,959.19	3,353.75	3,748.31	4,142.87	4,537.43	4,931.99	5,325.39	5,637.34
6	205.49	600.05	994.61	1,389.17	1,783.73	2,178.29	2,572.85	2,967.41	3,361.97	3,756.53	4,151.09	4,545.65	4,940.21	5,333.56	5,638.86
1/4	213.71	608.27	1,002.83	1,397.39	1,791.95	2,186.51	2,581.07	2,975.63	3,370.19	3,764.75	4,159.31	4,553.87	4,948.43	5,341.72	5,639.31
1/2	221.93	616.49	1,011.05	1,405.61	1,800.17	2,194.73	2,589.29	2,983.85	3,378.41	3,772.97	4,167.53	4,562.09	4,956.65	5,349.89	5,639.77
3/4	230.15	624.71	1,019.27	1,413.83	1,808.39	2,202.95	2,597.51	2,992.07	3,386.63	3,781.19	4,175.75	4,570.31	4,964.87	5,358.05	5,640.22
7	238.37	632.93	1,027.49	1,422.05	1,816.61	2,211.17	2,605.73	3,000.29	3,394.85	3,789.41	4,183.97	4,578.53	4,973.09	5,366.22	
1/4	246.59	641.15	1,035.71	1,430.27	1,824.83	2,219.39	2,613.95	3,008.51	3,403.07	3,797.63	4,192.19	4,586.75	4,981.31	5,374.38	
1/2	254.81	649.37	1,043.93	1,438.49	1,833.05	2,227.61	2,622.17	3,016.73	3,411.29	3,805.85	4,200.41	4,594.97	4,989.53	5,382.55	
3/4	263.03	657.59	1,052.15	1,446.71	1,841.27	2,235.83	2,630.39	3,024.95	3,419.51	3,814.07	4,208.63	4,603.19	4,997.75	5,390.71	
8	271.25	665.81	1,060.37	1,454.93	1,849.49	2,244.05	2,638.61	3,033.17	3,427.73	3,822.29	4,216.85	4,611.41	5,005.97	5,398.88	
1/4	279.47	674.03	1,068.59	1,463.15	1,857.71	2,252.27	2,646.83	3,041.39	3,435.95	3,830.51	4,225.07	4,619.63	5,014.19	5,407.04	
1/2	287.69	682.25	1,076.81	1,471.37	1,865.93	2,260.49	2,655.05	3,049.61	3,444.17	3,838.73	4,233.29	4,627.85	5,022.41	5,415.21	
3/4	295.91	690.47	1,085.03	1,479.59	1,874.15	2,268.71	2,663.27	3,057.83	3,452.39	3,846.95	4,241.51	4,636.07	5,030.63	5,423.37	
9	304.13	698.69	1,093.25	1,487.81	1,882.37	2,276.93	2,671.49	3,066.05	3,460.61	3,855.17	4,249.73	4,644.29	5,038.85	5,431.54	
1/4	312.35	706.91	1,101.47	1,496.03	1,890.59	2,286.15	2,679.71	3,074.27	3,468.83	3,863.39	4,257.95	4,652.51	5,047.07	5,439.70	
1/2	320.57	715.13	1,109.69	1,504.25	1,898.81	2,293.37	2,687.93	3,082.49	3,477.05	3,871.61	4,266.17	4,660.73	5,055.29	5,447.87	
3/4	328.79	723.35	1,117.91	1,512.47	1,907.03	2,301.59	2,696.15	3,090.71	3,485.27	3,879.83	4,274.39	4,668.95	5,063.51	5,456.03	
10	337.01	731.57	1,126.13	1,520.69	1,915.25	2,309.81	2,704.37	3,098.93	3,493.49	3,888.05	4,282.61	4,677.17	5,071.73	5,464.20	
1/4	345.23	739.79	1,134.35	1,528.91	1,923.47	2,318.03	2,712.59	3,107.15	3,501.71	3,896.27	4,290.83	4,685.39	5,079.95	5,472.36	
1/2	353.45	748.01	1,142.57	1,537.13	1,931.69	2,326.25	2,720.81	3,115.37	3,509.93	3,904.49	4,299.05	4,693.61	5,088.17	5,480.53	
3/4	361.67	756.23	1,150.79	1,545.35	1,939.91	2,334.47	2,729.03	3,123.59	3,518.15	3,912.71	4,307.27	4,701.83	5,096.39	5,488.69	
11	369.89	764.45	1,159.01	1,553.57	1,948.13	2,342.69	2,737.25	3,131.81	3,526.37	3,920.93	4,315.49	4,710.05	5,104.61	5,496.86	
1/4	378.11	772.67	1,167.23	1,561.79	1,956.35	2,350.91	2,745.47	3,140.03	3,534.59	3,929.15	4,323.71	4,718.27	5,112.83	5,505.02	
1/2	386.33	780.89	1,175.45	1,570.01	1,965.57	2,359.13	2,753.69	3,148.25	3,542.81	3,937.37	4,331.93	4,726.49	5,121.05	5,513.19	
3/4	394.55	789.11	1,183.67	1,578.23	1,972.79	2,367.35	2,761.91	3,156.47	3,551.03	3,945.59	4,340.15	4,734.71	5,129.27	5,521.35	

MAP 671

COMPARTMENT: 3 PORT
COMPUTED IN: BARRELS

GAUGE HEIGHT 15' - 5 1/2"
GAUGE TYPE INNAGE

GAUGE HEIGHT RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK

STRAPPING TABLE ISSUED JANUARY 27, 2004 BY INSPECTOR/ATE

IN	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	18.73	401.83	795.16	1,187.21	1,580.62	1,974.03	2,367.44	2,760.84	3,154.25	3,547.66	3,920.96	4,231.19	4,539.16	4,844.49	5,149.82
1/4	24.59	410.03	803.33	1,195.41	1,588.82	1,982.22	2,375.63	2,768.04	3,160.45	3,552.86	3,927.52	4,237.65	4,545.52	4,850.85	5,155.70
1/2	30.44	418.23	811.49	1,203.60	1,597.01	1,990.42	2,383.83	2,777.24	3,170.64	3,564.05	3,934.07	4,244.10	4,551.88	4,857.21	5,161.58
3/4	36.30	426.43	819.65	1,211.80	1,605.21	1,998.62	2,392.02	2,785.43	3,178.84	3,572.25	3,940.53	4,250.56	4,558.24	4,863.57	5,167.46
1	42.16	434.63	827.81	1,220.00	1,613.40	2,006.81	2,400.22	2,793.63	3,187.04	3,580.44	3,946.99	4,257.02	4,564.60	4,869.93	5,173.34
1/4	48.77	442.83	835.97	1,228.19	1,621.60	2,015.01	2,408.42	2,801.82	3,195.23	3,588.64	3,955.45	4,263.48	4,570.97	4,876.29	5,178.27
1/2	57.39	451.03	844.14	1,236.39	1,629.80	2,023.20	2,416.61	2,810.02	3,203.43	3,596.84	3,959.91	4,269.94	4,577.33	4,882.65	5,183.19
3/4	65.59	459.24	852.30	1,244.58	1,637.99	2,031.40	2,424.81	2,818.22	3,211.62	3,605.03	3,966.37	4,276.40	4,583.69	4,889.02	5,188.12
2	73.79	467.44	860.46	1,252.78	1,646.19	2,039.60	2,433.00	2,826.41	3,219.82	3,613.23	3,972.83	4,282.86	4,590.05	4,895.38	5,193.04
1/4	81.99	475.64	868.62	1,260.98	1,654.38	2,047.79	2,441.20	2,834.61	3,228.02	3,621.42	3,979.29	4,289.32	4,596.41	4,901.74	5,197.01
1/2	90.19	483.84	876.78	1,269.17	1,662.58	2,055.99	2,449.40	2,842.80	3,236.21	3,629.62	3,985.74	4,295.78	4,602.77	4,908.10	5,200.98
3/4	98.39	492.04	884.95	1,277.37	1,670.78	2,064.18	2,457.59	2,851.00	3,244.41	3,637.82	3,992.20	4,302.24	4,609.13	4,914.46	5,204.95
3	106.59	500.24	893.11	1,285.56	1,678.97	2,072.38	2,465.79	2,859.20	3,252.60	3,646.01	3,998.66	4,308.69	4,615.49	4,920.82	5,208.92
1/4	114.79	508.44	901.27	1,293.76	1,687.17	2,080.58	2,473.98	2,867.39	3,260.80	3,654.21	4,005.12	4,315.15	4,621.85	4,927.18	5,211.93
1/2	122.99	516.64	909.43	1,301.96	1,695.36	2,088.77	2,482.18	2,875.59	3,269.00	3,662.40	4,011.58	4,321.61	4,628.21	4,933.54	5,214.94
3/4	131.20	524.84	917.59	1,310.15	1,703.56	2,096.97	2,490.38	2,883.78	3,277.19	3,670.60	4,018.04	4,328.07	4,634.58	4,939.90	5,217.95
4	139.40	533.04	925.75	1,318.35	1,711.76	2,105.16	2,498.57	2,891.98	3,285.39	3,678.80	4,024.50	4,334.53	4,640.94	4,946.26	5,220.96
1/4	147.60	541.25	933.92	1,326.54	1,719.95	2,113.36	2,506.77	2,900.18	3,293.58	3,686.99	4,030.96	4,340.99	4,647.30	4,952.63	5,223.01
1/2	155.80	549.45	942.08	1,334.74	1,728.15	2,121.56	2,514.96	2,908.37	3,301.78	3,695.19	4,037.42	4,347.45	4,653.66	4,958.99	5,225.07
3/4	164.00	557.65	950.24	1,342.94	1,736.35	2,129.75	2,523.16	2,916.57	3,309.98	3,703.38	4,043.86	4,353.91	4,660.02	4,965.35	5,227.12
5	172.20	565.85	958.40	1,351.13	1,744.54	2,137.95	2,531.36	2,924.76	3,318.17	3,711.58	4,050.33	4,360.37	4,666.38	4,971.71	5,229.18
1/4	180.40	574.05	966.57	1,359.33	1,752.74	2,146.14	2,539.55	2,932.96	3,326.37	3,719.78	4,056.79	4,366.83	4,672.74	4,978.07	5,230.27
1/2	188.60	582.25	974.73	1,367.52	1,760.93	2,154.34	2,547.75	2,941.16	3,334.56	3,727.97	4,063.25	4,373.28	4,679.10	4,984.43	5,231.37
3/4	196.80	590.45	982.89	1,375.72	1,769.13	2,162.54	2,555.94	2,949.35	3,342.76	3,736.17	4,069.71	4,379.74	4,685.46	4,990.79	5,232.47
6	205.00	598.65	991.05	1,383.92	1,777.32	2,170.73	2,564.14	2,957.55	3,350.96	3,744.24	4,076.17	4,386.20	4,691.82	4,997.15	5,233.56
1/4	213.21	606.85	999.21	1,392.11	1,785.52	2,178.93	2,572.34	2,965.74	3,359.15	3,752.31	4,082.63	4,392.66	4,698.19	5,003.51	5,233.82
1/2	221.41	615.05	1,007.38	1,400.31	1,793.72	2,187.12	2,580.53	2,973.94	3,367.35	3,760.38	4,089.09	4,399.12	4,704.55	5,009.87	5,234.08
3/4	229.61	623.26	1,015.54	1,408.50	1,801.91	2,195.32	2,588.73	2,982.14	3,375.54	3,768.46	4,095.55	4,405.58	4,710.91	5,016.24	5,234.34
7	237.81	631.46	1,023.70	1,416.70	1,810.11	2,203.52	2,596.92	2,990.33	3,383.74	3,776.27	4,102.01	4,411.94	4,717.27	5,022.60	
1/4	246.01	639.66	1,031.86	1,424.90	1,818.30	2,211.71	2,605.12	2,998.53	3,391.94	3,784.08	4,108.47	4,418.30	4,723.63	5,028.96	
1/2	254.21	647.86	1,040.02	1,433.09	1,826.50	2,219.91	2,613.32	3,006.72	3,400.13	3,791.90	4,114.92	4,424.66	4,729.99	5,035.32	
3/4	262.41	656.06	1,048.19	1,441.29	1,834.70	2,228.10	2,621.51	3,014.92	3,408.33	3,799.71	4,121.38	4,431.02	4,736.35	5,041.68	
8	270.61	664.26	1,056.35	1,449.48	1,842.89	2,236.30	2,629.71	3,023.12	3,416.52	3,807.27	4,127.84	4,437.38	4,742.71	5,048.04	
1/4	278.81	672.46	1,064.51	1,457.68	1,851.09	2,244.50	2,637.90	3,031.31	3,424.72	3,814.82	4,134.30	4,443.75	4,749.07	5,054.40	
1/2	287.01	680.66	1,072.67	1,465.88	1,859.28	2,252.69	2,646.10	3,039.51	3,432.92	3,822.38	4,140.76	4,450.11	4,755.43	5,060.76	
3/4	295.22	688.86	1,080.83	1,474.07	1,867.48	2,260.89	2,654.30	3,047.70	3,441.11	3,829.94	4,147.22	4,456.47	4,761.80	5,067.12	
9	303.42	697.06	1,089.00	1,482.27	1,875.68	2,269.08	2,662.49	3,055.90	3,449.31	3,837.23	4,153.68	4,462.83	4,768.16	5,073.48	
1/4	311.62	705.27	1,097.16	1,490.46	1,883.87	2,277.28	2,670.69	3,064.10	3,457.50	3,844.53	4,160.14	4,469.19	4,774.52	5,079.85	
1/2	319.82	713.47	1,105.32	1,498.66	1,892.07	2,285.48	2,678.88	3,072.29	3,465.70	3,851.83	4,166.60	4,475.55	4,780.88	5,086.21	
3/4	328.02	721.67	1,113.48	1,506.86	1,900.26	2,293.67	2,687.08	3,080.49	3,473.90	3,859.13	4,173.06	4,481.91	4,787.24	5,092.57	
10	336.22	729.87	1,121.64	1,515.05	1,908.46	2,301.87	2,695.28	3,088.68	3,482.09	3,866.17	4,179.51	4,488.27	4,793.60	5,098.93	
1/4	344.42	738.03	1,129.84	1,523.25	1,916.66	2,310.06	2,703.47	3,096.88	3,490.29	3,873.71	4,186.97	4,494.63	4,799.96	5,105.29	
1/2	352.62	746.19	1,138.04	1,531.44	1,924.85	2,318.26	2,711.67	3,105.08	3,498.48	3,880.24	4,192.43	4,500.99	4,806.32	5,111.65	
3/4	360.82	754.35	1,146.23	1,539.64	1,933.05	2,326.46	2,719.86	3,113.27	3,506.68	3,887.28	4,198.89	4,507.36	4,812.68	5,118.01	
11	369.02	762.52	1,154.43	1,547.24	1,941.24	2,334.65	2,728.06	3,121.47	3,514.88	3,894.06	4,205.35	4,513.72	4,819.04	5,124.37	
1/4	377.23	770.68	1,162.62	1,556.03	1,949.44	2,342.85	2,736.26	3,129.66	3,523.07	3,900.85	4,211.81	4,520.08	4,825.41	5,130.73	
1/2	385.43	778.84	1,170.82	1,564.23	1,957.64	2,351.04	2,744.45	3,137.86	3,531.27	3,907.63	4,218.27	4,526.08	4,831.77	5,137.09	
3/4	393.63	787.00	1,179.02	1,572.42	1,965.83	2,359.24	2,752.65	3,146.06	3,539.46	3,914.41	4,224.73	4,532.80	4,838.13	5,143.46	

MAP 671

COMPARTMENT: 1 PORT GAUGE HEIGHT 15'-5"
COMPUTED IN: BARRELS GAUGE TYPE INNAGE

GAUGE HEIGHT RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK

STRAPPING TABLE ISSUED JANUARY 27, 2004 BY INSPECTORATE

IN	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	18.73	401.83	795.16	1,187.21	1,580.62	1,974.03	2,367.44	2,760.84	3,154.25	3,547.66	3,920.96	4,231.19	4,539.16	4,844.49	5,149.82
1/4	24.59	410.03	803.33	1,195.41	1,588.82	1,982.22	2,375.63	2,768.04	3,162.45	3,555.86	3,927.52	4,237.65	4,545.52	4,850.85	5,155.70
1/2	30.44	418.23	811.49	1,203.60	1,597.01	1,990.42	2,383.83	2,777.24	3,170.64	3,564.05	3,934.07	4,244.10	4,551.88	4,857.21	5,161.58
3/4	36.30	426.43	819.65	1,211.80	1,605.21	1,998.62	2,392.02	2,785.43	3,178.84	3,572.25	3,940.53	4,250.56	4,558.24	4,863.57	5,167.46
1	42.16	434.63	827.81	1,220.00	1,613.40	2,006.81	2,400.22	2,793.63	3,187.04	3,580.44	3,946.99	4,257.02	4,564.60	4,869.93	5,173.34
1/4	48.77	442.83	835.97	1,228.19	1,621.60	2,015.01	2,408.42	2,801.82	3,195.23	3,588.64	3,953.45	4,263.48	4,570.97	4,876.29	5,178.27
1/2	57.39	451.03	844.14	1,236.39	1,629.80	2,023.20	2,416.61	2,810.02	3,203.43	3,596.84	3,961.91	4,269.94	4,577.33	4,882.65	5,183.19
3/4	65.59	459.24	852.30	1,244.58	1,637.99	2,031.40	2,424.81	2,818.22	3,211.62	3,605.03	3,966.37	4,276.40	4,583.69	4,889.02	5,188.12
2	73.79	467.44	860.46	1,252.78	1,646.19	2,039.60	2,433.00	2,826.41	3,219.82	3,613.23	3,972.83	4,282.86	4,590.05	4,895.38	5,193.04
1/4	81.99	475.64	868.62	1,260.98	1,654.38	2,047.79	2,441.20	2,834.61	3,228.02	3,621.42	3,979.29	4,289.32	4,596.41	4,901.74	5,197.01
1/2	90.19	483.84	876.78	1,269.17	1,662.58	2,055.99	2,449.40	2,842.80	3,236.21	3,629.62	3,985.74	4,295.78	4,602.77	4,908.10	5,200.98
3/4	98.39	492.04	884.95	1,277.37	1,670.78	2,064.18	2,457.59	2,851.00	3,244.41	3,637.82	3,992.20	4,302.24	4,609.13	4,914.46	5,204.95
3	106.59	500.24	893.11	1,285.56	1,678.97	2,072.38	2,465.79	2,859.20	3,252.60	3,646.01	3,998.66	4,308.69	4,615.49	4,920.82	5,208.92
1/4	114.79	508.44	901.27	1,293.76	1,687.17	2,080.58	2,473.98	2,867.39	3,260.80	3,654.21	4,005.12	4,315.15	4,621.85	4,927.18	5,211.93
1/2	122.99	516.64	909.43	1,301.96	1,695.36	2,088.77	2,482.18	2,875.59	3,269.00	3,662.40	4,011.58	4,321.61	4,628.21	4,933.54	5,214.94
3/4	131.20	524.84	917.59	1,310.15	1,703.56	2,096.97	2,490.38	2,883.78	3,277.19	3,670.60	4,018.04	4,328.07	4,634.58	4,939.90	5,217.95
4	139.40	533.04	925.76	1,318.35	1,711.76	2,105.16	2,498.57	2,891.98	3,285.39	3,678.80	4,024.50	4,334.53	4,640.94	4,946.26	5,220.96
1/4	147.60	541.25	933.92	1,326.54	1,719.95	2,113.36	2,506.77	2,900.18	3,293.58	3,686.99	4,030.96	4,340.99	4,647.30	4,952.63	5,223.01
1/2	155.80	549.45	942.08	1,334.74	1,728.15	2,121.56	2,514.96	2,908.37	3,301.78	3,695.19	4,037.42	4,347.45	4,653.66	4,958.99	5,225.07
3/4	164.00	557.65	950.24	1,342.94	1,736.34	2,129.75	2,523.16	2,916.57	3,309.98	3,703.38	4,043.88	4,353.91	4,660.02	4,965.35	5,227.12
5	172.20	565.85	958.40	1,351.13	1,744.54	2,137.95	2,531.36	2,924.76	3,318.17	3,711.58	4,050.33	4,360.37	4,666.38	4,971.71	5,229.18
1/4	180.40	574.05	966.57	1,359.33	1,752.74	2,146.14	2,539.55	2,932.96	3,326.37	3,719.78	4,056.79	4,366.83	4,672.74	4,977.70	5,230.27
1/2	188.60	582.25	974.73	1,367.52	1,760.93	2,154.34	2,547.74	2,941.16	3,334.56	3,727.97	4,063.25	4,373.28	4,679.10	4,984.43	5,231.37
3/4	196.80	590.45	982.89	1,375.72	1,769.13	2,162.54	2,555.94	2,949.35	3,342.76	3,736.17	4,069.71	4,379.74	4,685.46	4,990.79	5,232.47
6	205.00	598.65	991.05	1,383.92	1,777.32	2,170.73	2,564.14	2,957.55	3,350.96	3,744.24	4,076.17	4,386.20	4,691.82	4,997.15	5,233.56
1/4	213.21	606.85	999.21	1,392.11	1,785.52	2,178.93	2,572.34	2,965.74	3,359.15	3,752.31	4,082.63	4,392.66	4,698.19	5,003.51	5,234.62
1/2	221.41	615.05	1,007.38	1,400.31	1,793.72	2,187.12	2,580.53	2,973.94	3,367.35	3,760.38	4,089.09	4,399.12	4,704.55	5,009.87	5,234.08
3/4	229.61	623.26	1,015.54	1,408.50	1,801.91	2,195.32	2,588.73	2,982.14	3,375.54	3,768.46	4,095.55	4,405.58	4,710.91	5,016.24	5,234.34
7	237.81	631.46	1,023.70	1,416.70	1,810.11	2,203.52	2,596.92	2,990.33	3,383.74	3,776.27	4,102.01	4,411.94	4,717.27	5,022.60	
1/4	246.01	639.66	1,031.86	1,424.90	1,818.30	2,211.71	2,605.12	2,998.53	3,391.94	3,784.08	4,108.47	4,418.30	4,723.63	5,028.96	
1/2	254.21	647.86	1,040.02	1,433.09	1,826.50	2,219.91	2,613.32	3,006.72	3,400.13	3,791.90	4,114.92	4,424.66	4,729.99	5,035.32	
3/4	262.41	656.06	1,048.19	1,441.29	1,834.70	2,228.10	2,621.51	3,014.92	3,408.33	3,799.71	4,121.38	4,431.02	4,736.35	5,041.68	
8	270.61	664.26	1,056.35	1,449.48	1,842.89	2,236.30	2,629.71	3,023.12	3,416.52	3,807.27	4,127.84	4,437.38	4,742.71	5,048.04	
1/4	278.81	672.46	1,064.51	1,457.68	1,851.09	2,244.50	2,637.90	3,031.31	3,424.72	3,814.82	4,134.30	4,443.75	4,749.07	5,054.40	
1/2	287.01	680.66	1,072.67	1,465.88	1,859.28	2,252.69	2,646.10	3,039.51	3,432.92	3,822.38	4,140.76	4,450.11	4,755.43	5,060.76	
3/4	295.22	688.86	1,080.83	1,474.07	1,867.48	2,260.89	2,654.30	3,047.70	3,441.11	3,829.94	4,147.22	4,456.47	4,761.80	5,067.12	
9	303.42	697.06	1,089.00	1,482.27	1,875.68	2,269.08	2,662.49	3,055.90	3,449.31	3,837.23	4,153.68	4,462.83	4,768.16	5,073.48	
1/4	311.62	705.27	1,097.16	1,489.46	1,883.87	2,277.28	2,670.69	3,064.10	3,457.50	3,844.53	4,160.14	4,469.19	4,774.52	5,079.85	
1/2	319.82	713.47	1,105.32	1,498.66	1,892.07	2,285.48	2,678.88	3,072.29	3,465.70	3,851.83	4,166.60	4,475.55	4,780.88	5,086.21	
3/4	328.02	721.67	1,113.48	1,506.86	1,900.26	2,293.67	2,687.07	3,080.49	3,473.09	3,859.13	4,173.06	4,481.91	4,787.24	5,092.57	
10	336.22	729.87	1,121.64	1,515.05	1,908.46	2,301.87	2,695.28	3,088.68	3,482.09	3,866.17	4,179.51	4,488.27	4,793.60	5,098.93	
1/4	344.42	738.03	1,129.84	1,523.25	1,916.66	2,310.06	2,703.47	3,096.88	3,490.29	3,873.21	4,185.97	4,494.63	4,799.96	5,105.29	
1/2	352.62	746.19	1,138.04	1,531.44	1,924.85	2,318.26	2,711.67	3,105.08	3,498.48	3,880.24	4,192.43	4,500.99	4,806.32	5,111.65	
3/4	360.82	754.35	1,146.23	1,539.64	1,933.05	2,326.46	2,719.86	3,113.27	3,506.68	3,887.28	4,198.89	4,507.36	4,812.68	5,118.01	
11	369.02	762.52	1,154.43	1,547.84	1,941.24	2,334.65	2,728.06	3,121.47	3,514.88	3,894.06	4,205.35	4,513.72	4,819.04	5,124.37	
1/4	377.23	770.68	1,162.62	1,556.03	1,949.44	2,342.85	2,736.26	3,129.66	3,523.07	3,900.85	4,211.81	4,520.08	4,825.41	5,130.73	
1/2	385.43	778.84	1,170.82	1,564.23	1,957.64	2,351.04	2,744.45	3,137.86	3,531.27	3,907.63	4,218.27	4,526.44	4,831.77	5,137.09	
3/4	393.63	787.00	1,179.02	1,572.42	1,965.83	2,359.24	2,752.65	3,146.06	3,539.46	3,914.41	4,224.73	4,532.80	4,838.13	5,143.46	