

## AI - 514

COMPARTMENT: 1 PORT  
COMPUTED IN: BARRELSGAUGE HEIGHT  
GAUGE TYPE14' - 00 1/2"  
INNAGETHIS TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT THE CENTERLINE  
IF GAUGING FROM VAPOR LOCK VALVE (MMC), THE TOTAL HEIGHT TO TOP OF VALVE IS:

15' - 02 3/8"

NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED AUGUST 26 1996 BY CALEB BRETT

| 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    |
|-----|--------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0   | 15.60  | 279.91 | 596.24 | 947.14   | 1,301.15 | 1,655.21 | 2,009.27 | 2,363.34 | 2,717.40 | 3,071.09 | 3,424.25 | 3,774.24 | 4,110.86 | 4,433.10 |
| 1/4 | 18.75  | 286.06 | 603.29 | 954.51   | 1,308.52 | 1,662.59 | 2,016.65 | 2,370.71 | 2,724.78 | 3,078.45 | 3,431.61 | 3,781.42 | 4,117.72 | 4,439.65 |
| 1/2 | 22.20  | 292.23 | 610.35 | 961.89   | 1,315.90 | 1,669.96 | 2,020.03 | 2,374.09 | 2,728.15 | 3,081.81 | 3,434.97 | 3,784.59 | 4,124.58 | 4,446.20 |
| 3/4 | 25.94  | 298.42 | 617.44 | 969.26   | 1,323.28 | 1,677.34 | 2,031.40 | 2,385.47 | 2,739.53 | 3,093.17 | 3,446.32 | 3,795.76 | 4,131.43 | 4,452.75 |
| 1   | 29.99  | 304.63 | 624.54 | 976.63   | 1,330.65 | 1,684.72 | 2,038.78 | 2,392.84 | 2,746.91 | 3,100.52 | 3,453.68 | 3,802.91 | 4,138.28 | 4,459.28 |
| 1/4 | 34.34  | 310.85 | 631.66 | 984.00   | 1,338.03 | 1,692.09 | 2,046.16 | 2,400.22 | 2,754.28 | 3,107.88 | 3,461.04 | 3,810.07 | 4,145.12 | 4,465.81 |
| 1/2 | 38.98  | 317.10 | 638.80 | 991.37   | 1,345.41 | 1,699.47 | 2,053.53 | 2,407.60 | 2,761.66 | 3,115.24 | 3,468.39 | 3,817.21 | 4,151.96 | 4,472.34 |
| 3/4 | 43.93  | 323.36 | 645.96 | 998.75   | 1,352.78 | 1,706.85 | 2,060.91 | 2,414.97 | 2,769.04 | 3,122.60 | 3,475.75 | 3,824.35 | 4,158.78 | 4,478.85 |
| 2   | 49.17  | 329.64 | 653.14 | 1,006.12 | 1,360.16 | 1,714.22 | 2,068.29 | 2,422.35 | 2,776.41 | 3,129.95 | 3,483.11 | 3,831.48 | 4,165.60 | 4,485.36 |
| 1/4 | 54.57  | 335.94 | 660.34 | 1,013.49 | 1,367.51 | 1,721.60 | 2,075.66 | 2,429.72 | 2,783.79 | 3,137.31 | 3,490.46 | 3,838.61 | 4,172.42 | 4,491.87 |
| 1/2 | 60.00  | 342.26 | 667.56 | 1,020.86 | 1,374.81 | 1,728.97 | 2,083.04 | 2,437.10 | 2,791.16 | 3,144.67 | 3,497.82 | 3,845.73 | 4,179.22 | 4,498.36 |
| 3/4 | 65.44  | 348.60 | 674.79 | 1,028.24 | 1,382.29 | 1,736.35 | 2,090.41 | 2,444.48 | 2,798.54 | 3,152.03 | 3,505.18 | 3,852.84 | 4,186.03 | 4,504.86 |
| 3   | 70.90  | 354.95 | 682.04 | 1,035.61 | 1,389.66 | 1,743.73 | 2,097.79 | 2,451.85 | 2,805.92 | 3,159.38 | 3,512.54 | 3,859.95 | 4,192.82 | 4,511.34 |
| 1/4 | 76.38  | 361.33 | 689.31 | 1,042.98 | 1,397.04 | 1,751.10 | 2,105.17 | 2,459.23 | 2,813.29 | 3,166.74 | 3,519.89 | 3,867.05 | 4,199.61 | 4,517.82 |
| 1/2 | 81.88  | 367.72 | 696.61 | 1,050.35 | 1,404.42 | 1,758.48 | 2,112.54 | 2,466.61 | 2,820.67 | 3,174.10 | 3,527.25 | 3,874.14 | 4,206.39 | 4,524.29 |
| 3/4 | 87.39  | 374.13 | 703.91 | 1,057.73 | 1,411.79 | 1,765.86 | 2,119.92 | 2,473.98 | 2,828.05 | 3,181.46 | 3,534.61 | 3,881.19 | 4,213.16 | 4,530.55 |
| 4   | 92.93  | 380.57 | 711.24 | 1,065.10 | 1,419.17 | 1,773.23 | 2,127.30 | 2,481.36 | 2,835.42 | 3,188.81 | 3,541.96 | 3,888.24 | 4,219.93 | 4,536.59 |
| 1/4 | 98.48  | 387.02 | 718.58 | 1,072.48 | 1,426.54 | 1,780.61 | 2,134.67 | 2,488.74 | 2,842.80 | 3,196.17 | 3,549.32 | 3,895.27 | 4,226.70 | 4,542.43 |
| 1/2 | 104.05 | 393.48 | 725.94 | 1,079.86 | 1,433.92 | 1,787.98 | 2,142.05 | 2,496.11 | 2,850.18 | 3,203.53 | 3,556.68 | 3,902.30 | 4,233.45 | 4,548.05 |
| 3/4 | 109.64 | 399.97 | 733.32 | 1,087.23 | 1,441.30 | 1,795.36 | 2,149.42 | 2,503.49 | 2,857.55 | 3,210.89 | 3,564.03 | 3,909.33 | 4,240.20 | 4,553.45 |
| 5   | 115.25 | 406.48 | 740.72 | 1,094.61 | 1,448.67 | 1,802.74 | 2,156.80 | 2,510.86 | 2,864.93 | 3,218.25 | 3,571.39 | 3,916.34 | 4,246.94 | 4,558.65 |
| 1/4 | 120.88 | 413.00 | 748.09 | 1,101.99 | 1,456.05 | 1,810.11 | 2,164.18 | 2,518.24 | 2,872.30 | 3,225.60 | 3,578.75 | 3,923.35 | 4,253.68 | 4,563.63 |
| 1/2 | 126.53 | 419.54 | 755.47 | 1,109.36 | 1,463.43 | 1,817.49 | 2,171.55 | 2,525.62 | 2,879.68 | 3,232.96 | 3,586.11 | 3,930.36 | 4,260.41 | 4,568.40 |
| 3/4 | 132.19 | 426.11 | 762.84 | 1,116.74 | 1,470.80 | 1,824.87 | 2,178.93 | 2,532.99 | 2,887.06 | 3,240.32 | 3,593.36 | 3,937.35 | 4,267.13 | 4,572.96 |
| 6   | 137.88 | 432.69 | 770.21 | 1,124.12 | 1,478.18 | 1,832.24 | 2,186.31 | 2,540.37 | 2,894.43 | 3,247.68 | 3,600.60 | 3,944.35 | 4,273.85 | 4,577.30 |
| 1/4 | 143.58 | 439.29 | 777.58 | 1,131.49 | 1,485.56 | 1,839.62 | 2,193.68 | 2,547.75 | 2,901.81 | 3,255.03 | 3,607.85 | 3,951.33 | 4,280.56 | 4,581.43 |
| 1/2 | 149.30 | 445.91 | 784.96 | 1,138.87 | 1,492.93 | 1,847.00 | 2,201.06 | 2,555.12 | 2,909.19 | 3,262.39 | 3,615.10 | 3,958.31 | 4,287.26 | 4,585.35 |
| 3/4 | 155.04 | 452.54 | 792.33 | 1,146.24 | 1,500.31 | 1,854.37 | 2,208.44 | 2,562.50 | 2,916.55 | 3,269.75 | 3,622.35 | 3,965.28 | 4,293.96 | 4,589.05 |
| 7   | 160.80 | 459.20 | 799.70 | 1,153.62 | 1,507.68 | 1,861.75 | 2,215.81 | 2,569.88 | 2,923.91 | 3,277.11 | 3,629.60 | 3,972.24 | 4,300.65 | 4,592.55 |
| 1/4 | 166.58 | 465.87 | 807.07 | 1,161.00 | 1,515.06 | 1,869.12 | 2,223.19 | 2,577.25 | 2,931.26 | 3,284.46 | 3,636.85 | 3,979.20 | 4,307.33 | 4,596.83 |
| 1/2 | 172.38 | 472.57 | 814.44 | 1,168.37 | 1,522.44 | 1,876.50 | 2,230.56 | 2,584.63 | 2,938.62 | 3,291.82 | 3,644.10 | 3,986.15 | 4,314.01 | 4,598.89 |
| 3/4 | 178.19 | 479.28 | 821.82 | 1,175.75 | 1,529.81 | 1,883.88 | 2,237.94 | 2,592.00 | 2,945.98 | 3,299.18 | 3,651.35 | 3,993.14 | 4,320.68 | 4,601.75 |
| 8   | 184.03 | 486.01 | 829.19 | 1,183.13 | 1,537.19 | 1,891.25 | 2,245.32 | 2,599.38 | 2,953.34 | 3,306.54 | 3,658.60 | 4,000.11 | 4,327.35 | 4,604.39 |
| 1/4 | 189.88 | 492.76 | 836.56 | 1,190.50 | 1,544.57 | 1,898.63 | 2,252.69 | 2,606.76 | 2,960.70 | 3,313.90 | 3,665.85 | 4,007.08 | 4,334.00 | 4,606.82 |
| 1/2 | 195.75 | 499.53 | 843.93 | 1,197.88 | 1,551.94 | 1,906.01 | 2,260.07 | 2,614.13 | 2,968.06 | 3,321.25 | 3,673.10 | 4,014.05 | 4,340.66 | 4,609.03 |
| 3/4 | 201.64 | 506.31 | 851.30 | 1,205.25 | 1,559.38 | 1,913.38 | 2,267.45 | 2,621.51 | 2,975.42 | 3,328.61 | 3,680.35 | 4,021.00 | 4,347.30 | 4,611.04 |
| 9   | 207.55 | 513.12 | 858.68 | 1,212.63 | 1,566.69 | 1,920.76 | 2,274.82 | 2,628.89 | 2,982.78 | 3,335.97 | 3,687.60 | 4,027.96 | 4,353.94 | 4,612.83 |
| 1/4 | 213.48 | 519.94 | 866.05 | 1,220.01 | 1,574.07 | 1,928.13 | 2,282.20 | 2,636.26 | 2,990.14 | 3,343.32 | 3,694.85 | 4,034.90 | 4,360.57 | 4,614.40 |
| 1/2 | 219.42 | 526.79 | 873.42 | 1,227.38 | 1,581.45 | 1,935.51 | 2,289.57 | 2,643.64 | 2,997.50 | 3,350.68 | 3,702.10 | 4,041.84 | 4,367.20 | 4,615.77 |
| 3/4 | 225.39 | 533.65 | 880.79 | 1,234.76 | 1,588.82 | 1,942.89 | 2,296.95 | 2,651.01 | 3,004.86 | 3,358.04 | 3,709.34 | 4,048.77 | 4,373.82 | 4,616.92 |
| 10  | 231.37 | 540.53 | 888.16 | 1,242.14 | 1,596.20 | 1,950.26 | 2,304.33 | 2,658.39 | 3,012.22 | 3,365.39 | 3,716.58 | 4,055.69 | 4,380.43 | 4,617.86 |
| 1/4 | 237.37 | 547.43 | 895.54 | 1,249.51 | 1,603.58 | 1,957.64 | 2,311.70 | 2,665.77 | 3,019.58 | 3,372.75 | 3,723.81 | 4,062.61 | 4,387.03 | 4,618.58 |
| 1/2 | 243.39 | 554.34 | 902.91 | 1,256.89 | 1,610.95 | 1,965.02 | 2,319.08 | 2,673.14 | 3,026.94 | 3,380.11 | 3,731.04 | 4,069.52 | 4,393.63 | 4,619.10 |
| 3/4 | 249.43 | 561.28 | 910.28 | 1,264.27 | 1,618.33 | 1,972.39 | 2,326.46 | 2,680.52 | 3,034.30 | 3,387.47 | 3,738.25 | 4,076.43 | 4,400.23 | 4,619.52 |
| 11  | 255.49 | 568.23 | 917.65 | 1,271.64 | 1,625.71 | 1,979.77 | 2,333.83 | 2,687.90 | 3,041.66 | 3,394.82 | 3,745.46 | 4,083.33 | 4,406.81 |          |
| 1/4 | 261.57 | 575.21 | 925.03 | 1,279.02 | 1,633.08 | 1,987.15 | 2,341.21 | 2,695.27 | 3,049.02 | 3,402.18 | 3,752.67 | 4,090.22 | 4,413.39 |          |
| 1/2 | 267.66 | 582.20 | 932.40 | 1,286.39 | 1,640.46 | 1,994.52 | 2,348.59 | 2,702.65 | 3,056.38 | 3,409.54 | 3,759.86 | 4,097.10 | 4,419.97 |          |
| 3/4 | 273.77 | 589.21 | 939.77 | 1,293.77 | 1,647.83 | 2,001.90 | 2,355.96 | 2,710.03 | 3,063.73 | 3,416.89 | 3,767.06 | 4,103.98 | 4,426.54 |          |

# AI - 514

COMPARTMENT: 1 starboard  
COMPUTED IN: BARRELS

GAUGE HEIGHT  
GAUGE TYPE

14' - 00"  
INNAGE

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT THE CENTERLINE  
IF GAUGING FROM VAPOR LOCK VALVE (MMC), THE TOTAL HEIGHT TO TOP OF VALVE IS:  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED AUGUST 26, 1996 BY CALEB BRETT

| 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    |
|-----|--------|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0   | 31.65  | 307.13 | 625.99 | 978.47   | 1,333.49 | 1,688.55 | 2,043.61 | 2,398.67 | 2,753.73 | 3,108.34 | 3,462.50 | 3,812.52 | 4,148.05 | 4,468.97 |
| 1/4 | 36.25  | 313.34 | 633.08 | 985.86   | 1,340.88 | 1,695.94 | 2,051.00 | 2,406.07 | 2,761.13 | 3,115.72 | 3,469.87 | 3,819.67 | 4,154.89 | 4,475.50 |
| 1/2 | 41.15  | 319.58 | 640.19 | 993.25   | 1,348.28 | 1,703.34 | 2,058.40 | 2,413.46 | 2,768.52 | 3,123.10 | 3,477.25 | 3,826.83 | 4,161.73 | 4,482.02 |
| 3/4 | 46.38  | 325.83 | 647.32 | 1,000.64 | 1,355.88 | 1,710.74 | 2,065.80 | 2,420.86 | 2,775.92 | 3,130.48 | 3,484.63 | 3,833.97 | 4,168.55 | 4,488.53 |
| 1   | 51.77  | 332.09 | 654.46 | 1,008.04 | 1,363.07 | 1,718.13 | 2,073.20 | 2,428.26 | 2,783.32 | 3,137.86 | 3,492.01 | 3,841.11 | 4,175.37 | 4,495.04 |
| 1/4 | 57.18  | 338.38 | 661.63 | 1,015.43 | 1,370.47 | 1,725.53 | 2,080.59 | 2,435.65 | 2,790.72 | 3,145.24 | 3,499.39 | 3,848.24 | 4,182.19 | 4,501.54 |
| 1/2 | 62.61  | 344.69 | 668.81 | 1,022.82 | 1,377.87 | 1,732.93 | 2,087.99 | 2,443.05 | 2,798.11 | 3,152.61 | 3,506.76 | 3,855.37 | 4,189.00 | 4,508.03 |
| 3/4 | 68.06  | 351.01 | 676.01 | 1,030.22 | 1,385.27 | 1,740.33 | 2,095.39 | 2,450.45 | 2,805.51 | 3,159.99 | 3,514.14 | 3,862.48 | 4,195.80 | 4,514.33 |
| 2   | 73.53  | 357.35 | 683.22 | 1,037.61 | 1,392.66 | 1,747.72 | 2,102.78 | 2,457.85 | 2,812.91 | 3,167.37 | 3,521.52 | 3,869.60 | 4,202.59 | 4,520.45 |
| 1/4 | 79.01  | 363.71 | 690.46 | 1,045.00 | 1,400.06 | 1,755.12 | 2,110.18 | 2,465.24 | 2,820.30 | 3,174.75 | 3,528.90 | 3,876.70 | 4,209.38 | 4,526.37 |
| 1/2 | 84.51  | 370.09 | 697.72 | 1,052.40 | 1,407.46 | 1,762.52 | 2,117.58 | 2,472.64 | 2,827.70 | 3,182.13 | 3,536.28 | 3,883.80 | 4,216.16 | 4,532.11 |
| 3/4 | 90.03  | 376.48 | 704.98 | 1,059.79 | 1,414.85 | 1,769.91 | 2,124.98 | 2,480.04 | 2,835.10 | 3,189.51 | 3,543.65 | 3,890.85 | 4,222.94 | 4,537.66 |
| 3   | 95.57  | 382.90 | 712.27 | 1,067.19 | 1,422.25 | 1,777.31 | 2,132.37 | 2,487.43 | 2,842.50 | 3,196.88 | 3,551.03 | 3,897.90 | 4,229.71 | 4,543.01 |
| 1/4 | 101.13 | 389.33 | 719.58 | 1,074.59 | 1,429.65 | 1,784.71 | 2,139.77 | 2,494.83 | 2,849.89 | 3,204.26 | 3,558.41 | 3,904.94 | 4,236.47 | 4,548.18 |
| 1/2 | 106.70 | 395.78 | 726.90 | 1,081.98 | 1,437.04 | 1,792.11 | 2,147.17 | 2,502.23 | 2,857.29 | 3,211.64 | 3,565.79 | 3,911.98 | 4,243.22 | 4,553.16 |
| 3/4 | 112.30 | 402.25 | 734.25 | 1,089.38 | 1,444.44 | 1,799.50 | 2,154.56 | 2,509.63 | 2,864.69 | 3,219.02 | 3,573.16 | 3,919.01 | 4,249.97 | 4,557.95 |
| 4   | 117.91 | 408.74 | 741.61 | 1,096.78 | 1,451.91 | 1,806.90 | 2,161.96 | 2,517.02 | 2,872.08 | 3,226.40 | 3,580.54 | 3,926.03 | 4,256.71 | 4,562.56 |
| 1/4 | 123.54 | 415.25 | 748.99 | 1,104.17 | 1,459.24 | 1,814.30 | 2,169.36 | 2,524.42 | 2,879.48 | 3,233.78 | 3,587.92 | 3,933.04 | 4,263.45 | 4,566.97 |
| 1/2 | 129.19 | 421.77 | 756.38 | 1,111.57 | 1,466.63 | 1,821.69 | 2,176.76 | 2,531.82 | 2,886.88 | 3,241.16 | 3,595.30 | 3,940.05 | 4,270.18 | 4,571.19 |
| 3/4 | 134.86 | 428.31 | 763.80 | 1,118.97 | 1,474.03 | 1,829.09 | 2,184.15 | 2,539.21 | 2,894.28 | 3,248.53 | 3,602.57 | 3,947.05 | 4,276.90 | 4,575.23 |
| 5   | 140.54 | 434.87 | 771.23 | 1,126.37 | 1,481.43 | 1,836.49 | 2,191.55 | 2,546.61 | 2,901.67 | 3,255.91 | 3,609.84 | 3,954.05 | 4,283.61 | 4,579.07 |
| 1/4 | 146.24 | 441.45 | 778.68 | 1,133.76 | 1,488.82 | 1,843.89 | 2,198.95 | 2,554.01 | 2,909.07 | 3,263.29 | 3,617.11 | 3,961.03 | 4,290.32 | 4,582.73 |
| 1/2 | 151.96 | 448.05 | 786.15 | 1,141.16 | 1,496.22 | 1,851.28 | 2,206.34 | 2,561.41 | 2,916.47 | 3,270.67 | 3,624.38 | 3,968.02 | 4,297.03 | 4,586.20 |
| 3/4 | 157.70 | 454.67 | 793.64 | 1,148.56 | 1,503.62 | 1,858.68 | 2,213.74 | 2,568.80 | 2,923.85 | 3,278.05 | 3,631.65 | 3,974.99 | 4,303.72 | 4,589.47 |
| 6   | 163.46 | 461.30 | 801.04 | 1,155.95 | 1,511.02 | 1,866.08 | 2,221.14 | 2,576.20 | 2,931.23 | 3,285.43 | 3,638.92 | 3,981.96 | 4,310.41 | 4,592.58 |
| 1/4 | 169.24 | 467.95 | 808.43 | 1,163.35 | 1,518.41 | 1,873.47 | 2,228.54 | 2,583.60 | 2,938.61 | 3,292.80 | 3,646.19 | 3,988.92 | 4,317.09 | 4,595.46 |
| 1/2 | 175.03 | 474.62 | 815.82 | 1,170.75 | 1,525.81 | 1,880.87 | 2,235.93 | 2,590.99 | 2,945.99 | 3,300.18 | 3,653.46 | 3,995.88 | 4,323.77 | 4,598.18 |
| 3/4 | 180.85 | 481.31 | 823.21 | 1,178.15 | 1,533.21 | 1,888.27 | 2,243.33 | 2,598.39 | 2,953.37 | 3,307.56 | 3,660.73 | 4,002.86 | 4,330.44 | 4,600.70 |
| 7   | 186.68 | 488.02 | 830.61 | 1,185.54 | 1,540.60 | 1,895.67 | 2,250.73 | 2,605.79 | 2,960.75 | 3,314.94 | 3,668.00 | 4,009.84 | 4,337.10 | 4,603.03 |
| 1/4 | 192.53 | 494.75 | 838.00 | 1,192.94 | 1,548.00 | 1,903.06 | 2,258.12 | 2,613.18 | 2,968.13 | 3,322.32 | 3,675.27 | 4,016.82 | 4,343.76 | 4,605.17 |
| 1/2 | 198.39 | 501.49 | 845.39 | 1,200.34 | 1,555.40 | 1,910.46 | 2,265.52 | 2,620.58 | 2,975.51 | 3,329.70 | 3,682.54 | 4,023.78 | 4,350.40 | 4,607.13 |
| 3/4 | 204.28 | 508.25 | 852.79 | 1,207.73 | 1,562.80 | 1,917.86 | 2,272.92 | 2,627.98 | 2,982.89 | 3,337.07 | 3,689.81 | 4,030.74 | 4,357.05 | 4,608.90 |
| 8   | 210.18 | 515.03 | 860.18 | 1,215.13 | 1,570.19 | 1,925.25 | 2,280.32 | 2,635.38 | 2,990.27 | 3,344.45 | 3,697.09 | 4,037.70 | 4,363.68 | 4,610.47 |
| 1/4 | 216.11 | 521.83 | 867.57 | 1,222.53 | 1,577.59 | 1,932.65 | 2,287.71 | 2,642.77 | 2,997.65 | 3,351.83 | 3,704.35 | 4,044.64 | 4,370.31 | 4,611.86 |
| 1/2 | 222.05 | 528.65 | 874.97 | 1,229.93 | 1,584.99 | 1,940.05 | 2,295.11 | 2,650.17 | 3,005.03 | 3,359.21 | 3,711.61 | 4,051.58 | 4,376.94 | 4,613.06 |
| 3/4 | 228.00 | 535.48 | 882.36 | 1,237.32 | 1,592.38 | 1,947.45 | 2,302.51 | 2,657.57 | 3,012.41 | 3,366.59 | 3,718.86 | 4,058.52 | 4,383.55 | 4,614.07 |
| 9   | 233.98 | 542.33 | 889.75 | 1,244.72 | 1,599.78 | 1,954.84 | 2,309.90 | 2,664.96 | 3,019.79 | 3,373.96 | 3,726.10 | 4,065.44 | 4,390.16 | 4,614.89 |
| 1/4 | 239.98 | 549.21 | 897.14 | 1,252.12 | 1,607.18 | 1,962.24 | 2,317.30 | 2,672.36 | 3,027.17 | 3,381.34 | 3,733.34 | 4,072.36 | 4,396.77 | 4,615.52 |
| 1/2 | 245.99 | 556.10 | 904.54 | 1,259.51 | 1,614.58 | 1,969.64 | 2,324.70 | 2,679.76 | 3,034.55 | 3,388.72 | 3,740.57 | 4,079.28 | 4,403.36 | 4,615.98 |
| 3/4 | 251.97 | 563.00 | 911.93 | 1,266.91 | 1,621.97 | 1,977.04 | 2,332.09 | 2,687.16 | 3,041.93 | 3,396.10 | 3,747.79 | 4,086.18 | 4,409.95 | 4,616.34 |
| 10  | 258.07 | 569.93 | 919.32 | 1,274.31 | 1,629.37 | 1,984.43 | 2,339.48 | 2,694.55 | 3,049.31 | 3,403.47 | 3,755.01 | 4,093.08 | 4,416.53 | 4,616.34 |
| 1/4 | 264.14 | 576.87 | 926.72 | 1,281.71 | 1,636.77 | 1,991.83 | 2,346.89 | 2,701.95 | 3,056.69 | 3,410.85 | 3,762.22 | 4,099.98 | 4,423.11 | 4,616.34 |
| 1/2 | 270.23 | 583.84 | 934.11 | 1,289.10 | 1,644.16 | 1,999.23 | 2,354.29 | 2,709.35 | 3,064.07 | 3,418.23 | 3,769.43 | 4,106.87 | 4,429.68 | 4,616.34 |
| 3/4 | 276.33 | 590.82 | 941.50 | 1,296.50 | 1,651.56 | 2,006.62 | 2,361.68 | 2,716.74 | 3,071.45 | 3,425.61 | 3,776.63 | 4,113.75 | 4,436.25 | 4,616.34 |
| 11  | 282.45 | 597.82 | 948.89 | 1,303.90 | 1,658.96 | 2,014.02 | 2,369.08 | 2,724.14 | 3,078.83 | 3,432.99 | 3,783.82 | 4,120.62 | 4,442.81 |          |
| 1/4 | 288.60 | 604.83 | 956.29 | 1,311.29 | 1,666.36 | 2,021.42 | 2,376.48 | 2,731.54 | 3,086.21 | 3,440.36 | 3,791.09 | 4,127.49 | 4,449.36 |          |
| 1/2 | 294.75 | 611.87 | 963.68 | 1,318.69 | 1,673.75 | 2,028.81 | 2,383.87 | 2,738.94 | 3,093.59 | 3,447.74 | 3,798.18 | 4,134.35 | 4,455.90 |          |
| 3/4 | 300.93 | 618.92 | 971.07 | 1,326.09 | 1,681.15 | 2,036.21 | 2,391.27 | 2,746.33 | 3,100.97 | 3,455.12 | 3,805.35 | 4,141.20 | 4,462.44 |          |



## AI - 514

COMPARTMENT: 2 PORT  
COMPUTED IN: BARRELSGAUGE HEIGHT  
GAUGE TYPE14' - 01 1/8"  
INNAGE

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT THE CENTERLINE

IF GAUGING FROM VAPOR LOCK VALVE (MMC), THE TOTAL HEIGHT TO TOP OF VALVE IS:

NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD

STRAPPING TABLE ISSUED AUGUST 26, 1996 BY CALEB BRETT

15' - 03"

| 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    |
|-----|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0   | 21.37  | 382.97 | 761.38   | 1,139.67 | 1,518.07 | 1,896.52 | 2,274.97 | 2,653.42 | 3,031.87 | 3,409.95 | 3,787.50 | 4,161.73 | 4,522.16 | 4,867.44 |
| 1/4 | 25.72  | 390.86 | 769.27   | 1,147.56 | 1,525.95 | 1,904.40 | 2,282.85 | 2,661.31 | 3,039.76 | 3,417.82 | 3,795.36 | 4,169.42 | 4,529.51 | 4,874.47 |
| 1/2 | 30.49  | 398.74 | 777.15   | 1,155.44 | 1,533.84 | 1,912.29 | 2,290.74 | 2,669.19 | 3,047.64 | 3,425.68 | 3,803.23 | 4,177.09 | 4,536.86 | 4,881.49 |
| 3/4 | 35.68  | 406.63 | 785.03   | 1,163.32 | 1,541.72 | 1,920.17 | 2,298.62 | 2,677.08 | 3,055.53 | 3,433.55 | 3,811.09 | 4,184.76 | 4,544.20 | 4,888.50 |
| 1   | 41.28  | 414.51 | 792.92   | 1,171.20 | 1,549.61 | 1,928.06 | 2,306.51 | 2,684.96 | 3,063.41 | 3,441.41 | 3,818.96 | 4,192.42 | 4,551.53 | 4,895.51 |
| 1/4 | 47.30  | 422.39 | 800.80   | 1,179.08 | 1,557.49 | 1,935.94 | 2,314.39 | 2,692.84 | 3,071.30 | 3,449.28 | 3,826.82 | 4,200.08 | 4,558.86 | 4,902.51 |
| 1/2 | 53.73  | 430.26 | 808.68   | 1,186.96 | 1,565.37 | 1,943.83 | 2,322.28 | 2,700.73 | 3,079.18 | 3,457.15 | 3,834.69 | 4,207.72 | 4,566.18 | 4,909.50 |
| 3/4 | 60.57  | 438.16 | 816.57   | 1,194.84 | 1,573.26 | 1,951.71 | 2,330.16 | 2,708.61 | 3,087.06 | 3,465.01 | 3,842.55 | 4,215.36 | 4,573.49 | 4,916.49 |
| 2   | 67.84  | 446.04 | 824.45   | 1,202.72 | 1,581.14 | 1,959.59 | 2,338.05 | 2,716.50 | 3,094.95 | 3,472.88 | 3,850.42 | 4,223.00 | 4,580.80 | 4,923.47 |
| 1/4 | 75.51  | 453.93 | 832.33   | 1,210.60 | 1,589.03 | 1,967.48 | 2,346.93 | 2,724.38 | 3,102.83 | 3,480.74 | 3,858.28 | 4,230.63 | 4,588.10 | 4,930.44 |
| 1/2 | 83.40  | 461.81 | 840.21   | 1,218.48 | 1,596.91 | 1,975.36 | 2,355.81 | 2,732.27 | 3,110.72 | 3,488.61 | 3,866.15 | 4,238.25 | 4,595.39 | 4,937.41 |
| 3/4 | 91.28  | 469.69 | 848.10   | 1,226.36 | 1,604.80 | 1,983.25 | 2,361.70 | 2,740.15 | 3,118.60 | 3,496.48 | 3,874.01 | 4,245.86 | 4,602.67 | 4,944.37 |
| 3   | 99.16  | 477.58 | 855.98   | 1,234.24 | 1,612.68 | 1,991.13 | 2,369.58 | 2,748.03 | 3,126.49 | 3,504.34 | 3,881.88 | 4,253.47 | 4,609.95 | 4,951.32 |
| 1/4 | 107.05 | 485.46 | 863.86   | 1,242.12 | 1,620.56 | 1,999.02 | 2,377.47 | 2,755.92 | 3,134.37 | 3,512.21 | 3,889.74 | 4,261.07 | 4,617.23 | 4,958.27 |
| 1/2 | 114.93 | 493.34 | 871.75   | 1,250.00 | 1,628.45 | 2,006.90 | 2,385.35 | 2,763.80 | 3,142.26 | 3,520.07 | 3,897.61 | 4,268.66 | 4,624.49 | 4,965.20 |
| 3/4 | 122.81 | 501.22 | 879.63   | 1,257.88 | 1,636.33 | 2,014.79 | 2,393.24 | 2,771.69 | 3,150.14 | 3,527.94 | 3,905.47 | 4,276.21 | 4,631.75 | 4,972.14 |
| 4   | 130.70 | 509.11 | 887.51   | 1,265.77 | 1,644.22 | 2,022.67 | 2,401.12 | 2,779.57 | 3,158.02 | 3,535.80 | 3,913.34 | 4,283.75 | 4,639.00 | 4,979.06 |
| 1/4 | 138.58 | 516.99 | 895.39   | 1,273.65 | 1,652.10 | 2,030.55 | 2,409.01 | 2,787.46 | 3,165.91 | 3,543.67 | 3,921.20 | 4,291.29 | 4,646.24 | 4,985.98 |
| 1/2 | 146.46 | 524.87 | 903.27   | 1,281.54 | 1,659.99 | 2,038.94 | 2,416.89 | 2,795.34 | 3,173.79 | 3,551.54 | 3,929.07 | 4,298.81 | 4,653.48 | 4,992.64 |
| 3/4 | 154.35 | 532.76 | 911.15   | 1,289.42 | 1,667.87 | 2,046.32 | 2,424.77 | 2,803.23 | 3,181.68 | 3,559.40 | 3,936.94 | 4,306.34 | 4,660.71 | 4,999.04 |
| 5   | 162.23 | 540.64 | 919.03   | 1,297.30 | 1,675.76 | 2,054.21 | 2,432.66 | 2,811.11 | 3,189.56 | 3,567.27 | 3,944.80 | 4,313.85 | 4,667.94 | 5,005.19 |
| 1/4 | 170.12 | 548.52 | 926.91   | 1,305.19 | 1,683.64 | 2,062.09 | 2,440.54 | 2,818.99 | 3,197.45 | 3,575.13 | 3,952.67 | 4,321.36 | 4,675.15 | 5,011.07 |
| 1/2 | 178.00 | 556.41 | 934.79   | 1,313.07 | 1,691.52 | 2,069.98 | 2,448.43 | 2,826.88 | 3,205.33 | 3,583.00 | 3,960.53 | 4,328.86 | 4,682.36 | 5,016.70 |
| 3/4 | 185.88 | 564.29 | 942.67   | 1,320.96 | 1,699.41 | 2,077.86 | 2,456.31 | 2,834.76 | 3,213.21 | 3,590.86 | 3,968.28 | 4,336.35 | 4,689.57 | 5,022.07 |
| 6   | 193.77 | 572.17 | 950.55   | 1,328.84 | 1,707.29 | 2,085.74 | 2,464.20 | 2,842.65 | 3,221.10 | 3,598.73 | 3,976.03 | 4,343.84 | 4,696.76 | 5,027.19 |
| 1/4 | 201.65 | 580.06 | 958.43   | 1,336.73 | 1,715.18 | 2,093.63 | 2,472.08 | 2,850.53 | 3,228.98 | 3,606.60 | 3,983.78 | 4,351.32 | 4,703.95 | 5,032.04 |
| 1/2 | 209.53 | 587.94 | 966.31   | 1,344.61 | 1,723.06 | 2,101.51 | 2,479.97 | 2,858.42 | 3,236.87 | 3,614.46 | 3,991.53 | 4,358.79 | 4,711.14 | 5,036.64 |
| 3/4 | 217.42 | 595.83 | 974.19   | 1,352.50 | 1,730.95 | 2,109.40 | 2,487.85 | 2,866.30 | 3,244.74 | 3,622.33 | 3,999.28 | 4,366.26 | 4,718.31 | 5,040.98 |
| 7   | 225.30 | 603.71 | 982.07   | 1,360.38 | 1,738.83 | 2,117.28 | 2,495.73 | 2,874.19 | 3,252.60 | 3,630.19 | 4,007.03 | 4,373.72 | 4,725.48 | 5,045.06 |
| 1/4 | 233.19 | 611.59 | 989.95   | 1,368.26 | 1,746.72 | 2,125.17 | 2,503.62 | 2,882.07 | 3,260.47 | 3,638.06 | 4,014.78 | 4,381.17 | 4,732.65 | 5,048.88 |
| 1/2 | 241.07 | 619.48 | 997.83   | 1,376.15 | 1,754.60 | 2,133.05 | 2,511.50 | 2,889.95 | 3,268.34 | 3,645.92 | 4,022.53 | 4,388.62 | 4,739.80 | 5,052.44 |
| 3/4 | 248.95 | 627.36 | 1,005.71 | 1,384.03 | 1,762.48 | 2,140.94 | 2,519.39 | 2,897.84 | 3,276.21 | 3,653.79 | 4,030.28 | 4,396.09 | 4,746.95 | 5,055.75 |
| 8   | 256.84 | 635.24 | 1,013.59 | 1,391.92 | 1,770.37 | 2,148.82 | 2,527.27 | 2,905.72 | 3,284.07 | 3,661.66 | 4,038.03 | 4,403.56 | 4,754.09 | 5,058.80 |
| 1/4 | 264.72 | 643.13 | 1,021.47 | 1,399.80 | 1,778.25 | 2,156.70 | 2,535.16 | 2,913.61 | 3,291.94 | 3,669.52 | 4,045.79 | 4,411.03 | 4,761.23 | 5,061.59 |
| 1/2 | 272.60 | 651.01 | 1,029.35 | 1,407.67 | 1,786.14 | 2,164.59 | 2,543.04 | 2,921.49 | 3,299.81 | 3,677.39 | 4,053.54 | 4,418.48 | 4,768.36 | 5,064.12 |
| 3/4 | 280.49 | 658.90 | 1,037.23 | 1,415.57 | 1,794.02 | 2,172.47 | 2,550.92 | 2,929.38 | 3,307.68 | 3,685.25 | 4,061.29 | 4,425.93 | 4,775.48 | 5,066.40 |
| 9   | 288.37 | 666.78 | 1,045.11 | 1,423.45 | 1,801.91 | 2,180.36 | 2,558.81 | 2,937.26 | 3,315.54 | 3,693.12 | 4,069.04 | 4,433.38 | 4,782.59 | 5,068.42 |
| 1/4 | 296.25 | 674.66 | 1,052.99 | 1,431.34 | 1,809.79 | 2,188.24 | 2,566.69 | 2,945.14 | 3,323.41 | 3,700.98 | 4,076.79 | 4,440.81 | 4,789.70 | 5,070.18 |
| 1/2 | 304.14 | 682.55 | 1,060.87 | 1,439.22 | 1,817.68 | 2,196.13 | 2,574.58 | 2,953.03 | 3,331.28 | 3,708.65 | 4,084.54 | 4,448.24 | 4,796.80 | 5,071.68 |
| 3/4 | 312.02 | 690.43 | 1,068.75 | 1,447.11 | 1,825.56 | 2,204.01 | 2,582.46 | 2,960.91 | 3,339.15 | 3,716.71 | 4,092.29 | 4,455.66 | 4,803.90 | 5,072.92 |
| 10  | 319.91 | 698.31 | 1,076.63 | 1,454.99 | 1,833.44 | 2,211.90 | 2,590.35 | 2,968.80 | 3,347.01 | 3,724.58 | 4,100.03 | 4,463.08 | 4,810.98 | 5,073.91 |
| 1/4 | 327.79 | 706.20 | 1,084.51 | 1,462.88 | 1,841.33 | 2,219.78 | 2,598.23 | 2,976.68 | 3,354.88 | 3,732.44 | 4,107.77 | 4,470.49 | 4,818.06 | 5,074.63 |
| 1/2 | 335.67 | 714.08 | 1,092.39 | 1,470.76 | 1,849.21 | 2,227.66 | 2,606.12 | 2,984.57 | 3,362.75 | 3,740.31 | 4,115.50 | 4,477.89 | 4,825.14 | 5,075.10 |
| 3/4 | 343.56 | 721.97 | 1,100.27 | 1,478.65 | 1,857.10 | 2,235.55 | 2,614.00 | 2,992.45 | 3,370.62 | 3,748.17 | 4,123.22 | 4,485.29 | 4,832.20 |          |
| 11  | 351.44 | 729.85 | 1,108.15 | 1,486.53 | 1,864.98 | 2,243.43 | 2,621.88 | 3,000.34 | 3,378.49 | 3,756.04 | 4,130.94 | 4,492.67 | 4,839.26 |          |
| 1/4 | 359.32 | 737.73 | 1,116.03 | 1,494.41 | 1,872.87 | 2,251.32 | 2,629.77 | 3,008.22 | 3,386.35 | 3,763.90 | 4,138.65 | 4,500.05 | 4,846.32 |          |
| 1/2 | 367.21 | 745.62 | 1,123.91 | 1,502.30 | 1,880.75 | 2,259.20 | 2,637.65 | 3,016.10 | 3,394.22 | 3,771.77 | 4,146.35 | 4,507.43 | 4,853.36 |          |
| 3/4 | 375.09 | 753.50 | 1,131.79 | 1,510.18 | 1,888.63 | 2,267.09 | 2,645.54 | 3,023.99 | 3,402.09 | 3,779.63 | 4,154.04 | 4,514.80 | 4,860.40 |          |

# A1 - 514

COMPARTMENT: **2 STARBOARD** GAUGE HEIGHT **14' - 01 1/4"**  
 COMPUTED IN: **BARRELS** GAUGE TYPE **INNAE**

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT THE CENTERLINE  
 IF GAUGING FROM VAPOR LOCK VALVE (MMC), THE TOTAL HEIGHT TO TOP OF VALVE IS : **15' - 03 1/8"**  
 NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
 STRAPPING TABLE ISSUED AUGUST 26, 1996 BY CALEB BRETT

| 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    |
|-----|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0   | 24.54  | 388.09 | 767.65   | 1,147.08 | 1,526.63 | 1,906.23 | 2,285.83 | 2,665.43 | 3,045.03 | 3,424.24 | 3,802.93 | 4,178.14 | 4,559.48 | 4,935.03 |
| 1/4 | 29.09  | 386.00 | 775.55   | 1,154.99 | 1,534.54 | 1,914.14 | 2,293.74 | 2,673.34 | 3,052.94 | 3,432.13 | 3,810.82 | 4,185.84 | 4,566.85 | 4,942.03 |
| 1/2 | 34.03  | 403.90 | 783.46   | 1,162.89 | 1,542.45 | 1,922.05 | 2,301.65 | 2,681.25 | 3,060.85 | 3,440.02 | 3,818.71 | 4,193.53 | 4,564.22 | 4,939.91 |
| 3/4 | 39.36  | 411.81 | 791.37   | 1,170.80 | 1,550.35 | 1,929.95 | 2,309.55 | 2,689.15 | 3,068.75 | 3,447.91 | 3,826.60 | 4,201.22 | 4,561.58 | 4,936.94 |
| 1   | 45.10  | 419.72 | 799.27   | 1,178.70 | 1,558.26 | 1,937.86 | 2,317.46 | 2,697.06 | 3,076.66 | 3,455.80 | 3,834.49 | 4,208.90 | 4,568.94 | 4,913.97 |
| 1/4 | 51.23  | 427.63 | 807.18   | 1,186.60 | 1,566.17 | 1,945.77 | 2,325.37 | 2,704.97 | 3,084.57 | 3,463.69 | 3,842.38 | 4,216.57 | 4,576.28 | 4,921.00 |
| 1/2 | 57.75  | 435.53 | 815.09   | 1,194.51 | 1,574.08 | 1,953.68 | 2,333.28 | 2,712.88 | 3,092.48 | 3,471.58 | 3,850.27 | 4,224.23 | 4,583.62 | 4,928.02 |
| 3/4 | 64.67  | 443.44 | 823.00   | 1,202.41 | 1,581.98 | 1,961.58 | 2,341.19 | 2,720.79 | 3,100.39 | 3,479.47 | 3,858.16 | 4,231.89 | 4,590.96 | 4,935.03 |
| 2   | 71.98  | 451.35 | 830.90   | 1,210.32 | 1,589.90 | 1,969.50 | 2,349.10 | 2,728.70 | 3,108.30 | 3,487.36 | 3,866.04 | 4,239.55 | 4,598.28 | 4,942.03 |
| 1/4 | 79.69  | 459.25 | 838.81   | 1,218.22 | 1,597.80 | 1,977.40 | 2,357.00 | 2,736.60 | 3,116.20 | 3,495.24 | 3,873.93 | 4,247.19 | 4,605.60 | 4,949.03 |
| 1/2 | 87.60  | 467.16 | 846.72   | 1,226.12 | 1,605.71 | 1,985.31 | 2,364.91 | 2,744.51 | 3,124.11 | 3,503.13 | 3,881.82 | 4,254.83 | 4,612.92 | 4,956.02 |
| 3/4 | 95.51  | 475.07 | 854.62   | 1,234.03 | 1,613.62 | 1,993.22 | 2,372.82 | 2,752.42 | 3,132.02 | 3,511.02 | 3,889.71 | 4,262.46 | 4,620.22 | 4,963.00 |
| 3   | 103.42 | 482.98 | 862.53   | 1,241.93 | 1,621.53 | 2,001.13 | 2,380.73 | 2,760.33 | 3,139.93 | 3,518.91 | 3,897.60 | 4,270.09 | 4,627.52 | 4,969.98 |
| 1/4 | 111.32 | 490.88 | 870.44   | 1,249.84 | 1,629.44 | 2,009.04 | 2,388.64 | 2,768.24 | 3,147.84 | 3,526.80 | 3,905.49 | 4,277.71 | 4,634.82 | 4,976.95 |
| 1/2 | 119.23 | 498.79 | 878.34   | 1,257.75 | 1,637.35 | 2,016.95 | 2,396.55 | 2,776.15 | 3,155.75 | 3,534.69 | 3,913.38 | 4,285.28 | 4,642.10 | 4,983.91 |
| 3/4 | 127.14 | 506.70 | 886.25   | 1,265.66 | 1,645.25 | 2,024.85 | 2,404.45 | 2,784.05 | 3,163.65 | 3,542.58 | 3,921.27 | 4,292.85 | 4,649.38 | 4,990.86 |
| 4   | 135.05 | 514.60 | 894.15   | 1,273.56 | 1,653.16 | 2,032.76 | 2,412.36 | 2,791.96 | 3,171.56 | 3,550.47 | 3,929.16 | 4,300.41 | 4,656.66 | 4,997.81 |
| 1/4 | 142.95 | 522.51 | 902.05   | 1,281.47 | 1,661.07 | 2,040.67 | 2,420.27 | 2,799.87 | 3,179.47 | 3,558.36 | 3,937.05 | 4,307.96 | 4,663.92 | 5,004.76 |
| 1/2 | 150.86 | 530.42 | 909.96   | 1,289.38 | 1,668.98 | 2,048.58 | 2,428.18 | 2,807.78 | 3,187.38 | 3,566.25 | 3,944.93 | 4,315.51 | 4,671.18 | 5,011.43 |
| 3/4 | 158.77 | 538.33 | 917.86   | 1,297.29 | 1,676.89 | 2,056.49 | 2,436.09 | 2,815.69 | 3,195.29 | 3,574.14 | 3,952.82 | 4,323.05 | 4,678.43 | 5,017.83 |
| 5   | 166.68 | 546.23 | 925.77   | 1,305.20 | 1,684.80 | 2,064.40 | 2,444.00 | 2,823.60 | 3,203.20 | 3,582.03 | 3,960.71 | 4,330.58 | 4,685.68 | 5,023.97 |
| 1/4 | 174.58 | 554.14 | 933.67   | 1,313.10 | 1,692.70 | 2,072.30 | 2,451.90 | 2,831.50 | 3,211.10 | 3,589.92 | 3,968.60 | 4,338.11 | 4,692.92 | 5,029.84 |
| 1/2 | 182.49 | 562.05 | 941.58   | 1,321.01 | 1,700.61 | 2,080.21 | 2,459.81 | 2,839.41 | 3,219.01 | 3,597.38 | 3,976.38 | 4,345.63 | 4,700.15 | 5,035.44 |
| 3/4 | 190.40 | 569.95 | 949.48   | 1,328.92 | 1,708.52 | 2,088.12 | 2,467.72 | 2,847.32 | 3,226.92 | 3,605.70 | 3,984.15 | 4,353.14 | 4,707.38 | 5,040.77 |
| 6   | 198.31 | 577.86 | 957.38   | 1,336.83 | 1,716.43 | 2,096.03 | 2,475.63 | 2,855.23 | 3,234.83 | 3,613.59 | 3,991.93 | 4,360.65 | 4,714.59 | 5,045.83 |
| 1/4 | 206.21 | 585.77 | 965.29   | 1,344.74 | 1,724.34 | 2,103.94 | 2,483.54 | 2,863.14 | 3,242.74 | 3,621.48 | 3,999.70 | 4,368.15 | 4,721.81 | 5,050.62 |
| 1/2 | 214.12 | 593.68 | 973.19   | 1,352.65 | 1,732.25 | 2,111.85 | 2,491.45 | 2,871.05 | 3,250.63 | 3,629.37 | 4,007.47 | 4,375.64 | 4,729.01 | 5,055.15 |
| 3/4 | 222.03 | 601.59 | 981.10   | 1,360.55 | 1,740.15 | 2,119.75 | 2,499.35 | 2,878.95 | 3,258.52 | 3,637.26 | 4,015.25 | 4,383.12 | 4,736.21 | 5,059.40 |
| 7   | 229.94 | 609.49 | 989.00   | 1,368.46 | 1,748.06 | 2,127.66 | 2,507.26 | 2,886.86 | 3,266.41 | 3,645.15 | 4,023.02 | 4,390.60 | 4,743.40 | 5,063.39 |
| 1/4 | 237.84 | 617.40 | 996.90   | 1,376.37 | 1,755.97 | 2,135.57 | 2,515.17 | 2,894.77 | 3,274.30 | 3,653.04 | 4,030.80 | 4,398.08 | 4,750.59 | 5,067.11 |
| 1/2 | 245.75 | 625.31 | 1,004.81 | 1,384.28 | 1,763.88 | 2,143.48 | 2,523.08 | 2,902.68 | 3,282.20 | 3,660.93 | 4,038.67 | 4,405.58 | 4,757.76 | 5,070.56 |
| 3/4 | 253.66 | 633.22 | 1,012.71 | 1,392.19 | 1,771.79 | 2,151.39 | 2,530.99 | 2,910.59 | 3,290.09 | 3,668.82 | 4,046.35 | 4,413.08 | 4,764.93 | 5,073.74 |
| 8   | 261.57 | 641.12 | 1,020.62 | 1,400.10 | 1,779.70 | 2,159.30 | 2,538.90 | 2,918.50 | 3,297.98 | 3,676.71 | 4,054.12 | 4,420.57 | 4,772.10 | 5,076.65 |
| 1/4 | 269.47 | 649.03 | 1,028.52 | 1,408.00 | 1,787.60 | 2,167.20 | 2,546.80 | 2,926.40 | 3,305.87 | 3,684.60 | 4,061.89 | 4,428.05 | 4,779.60 | 5,079.30 |
| 1/2 | 277.38 | 656.94 | 1,036.42 | 1,415.91 | 1,795.51 | 2,175.11 | 2,554.71 | 2,934.31 | 3,313.76 | 3,692.49 | 4,069.67 | 4,435.52 | 4,786.41 | 5,081.67 |
| 3/4 | 285.29 | 664.85 | 1,044.33 | 1,423.82 | 1,803.42 | 2,183.02 | 2,562.62 | 2,942.22 | 3,321.65 | 3,700.38 | 4,077.44 | 4,442.99 | 4,793.55 | 5,083.78 |
| 9   | 293.20 | 672.75 | 1,052.23 | 1,431.73 | 1,811.33 | 2,190.93 | 2,570.53 | 2,950.13 | 3,329.54 | 3,708.26 | 4,085.22 | 4,450.46 | 4,800.69 | 5,085.62 |
| 1/4 | 301.11 | 680.66 | 1,060.14 | 1,439.64 | 1,819.24 | 2,198.84 | 2,578.44 | 2,958.04 | 3,337.44 | 3,716.15 | 4,092.99 | 4,457.91 | 4,807.82 | 5,087.19 |
| 1/2 | 309.01 | 688.57 | 1,068.04 | 1,447.55 | 1,827.15 | 2,206.75 | 2,586.35 | 2,965.95 | 3,345.33 | 3,724.04 | 4,100.77 | 4,465.36 | 4,814.94 | 5,088.49 |
| 3/4 | 316.92 | 696.48 | 1,075.95 | 1,455.45 | 1,835.05 | 2,214.65 | 2,594.25 | 2,973.85 | 3,353.22 | 3,731.93 | 4,108.53 | 4,472.80 | 4,822.06 | 5,089.52 |
| 10  | 324.83 | 704.39 | 1,083.85 | 1,463.36 | 1,842.96 | 2,222.56 | 2,602.16 | 2,981.76 | 3,361.11 | 3,739.82 | 4,116.29 | 4,480.24 | 4,829.17 | 5,090.28 |
| 1/4 | 332.74 | 712.29 | 1,091.75 | 1,471.27 | 1,850.87 | 2,230.47 | 2,610.07 | 2,989.67 | 3,369.00 | 3,747.71 | 4,124.05 | 4,487.67 | 4,836.27 | 5,090.78 |
| 1/2 | 340.64 | 720.20 | 1,099.66 | 1,479.18 | 1,858.78 | 2,238.38 | 2,617.98 | 2,997.58 | 3,376.88 | 3,755.60 | 4,131.80 | 4,495.09 | 4,843.37 | 5,091.00 |
| 3/4 | 348.55 | 728.11 | 1,107.56 | 1,487.09 | 1,866.69 | 2,246.29 | 2,625.89 | 3,005.49 | 3,384.79 | 3,763.49 | 4,139.54 | 4,502.50 | 4,850.46 |          |
| 11  | 356.46 | 736.02 | 1,115.47 | 1,495.00 | 1,874.60 | 2,254.20 | 2,633.80 | 3,013.40 | 3,392.68 | 3,771.38 | 4,147.27 | 4,509.91 | 4,857.54 |          |
| 1/4 | 364.37 | 743.92 | 1,123.37 | 1,502.90 | 1,882.50 | 2,262.10 | 2,641.70 | 3,021.30 | 3,400.57 | 3,779.27 | 4,155.00 | 4,517.31 | 4,864.62 |          |
| 1/2 | 372.27 | 751.83 | 1,131.27 | 1,510.81 | 1,890.41 | 2,270.01 | 2,649.61 | 3,029.21 | 3,408.46 | 3,787.15 | 4,162.72 | 4,524.71 | 4,871.69 |          |
| 3/4 | 380.18 | 759.74 | 1,139.18 | 1,518.72 | 1,898.32 | 2,277.92 | 2,657.52 | 3,037.12 | 3,416.35 | 3,795.04 | 4,170.43 | 4,532.10 | 4,878.75 |          |



# AI - 514

COMPARTMENT: 3 PORT  
COMPUTED IN: BARRELS

GAUGE HEIGHT  
GAUGE TYPE  
INNAGE

14' - 01 1/4"

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT THE CENTERLINE  
IF GAUGING FROM VAPOR LOOK VALVE (NMV), THE TOTAL HEIGHT TO TOP OF VALVE IS:  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED AUGUST 26, 1996 BY CALLED BRETT

15' - 02 5/8"

| 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    |
|-----|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0   | 21.73  | 356.08 | 707.88   | 1,059.56 | 1,411.34 | 1,763.18 | 2,115.02 | 2,466.86 | 2,818.70 | 3,170.15 | 3,498.30 | 3,770.64 | 4,032.34 | 4,283.42 |
| 1/4 | 25.75  | 363.41 | 715.21   | 1,066.88 | 1,418.67 | 1,770.51 | 2,122.35 | 2,474.19 | 2,826.03 | 3,177.46 | 3,504.04 | 3,776.22 | 4,037.69 | 4,288.54 |
| 1/2 | 30.11  | 370.74 | 722.54   | 1,074.21 | 1,426.00 | 1,777.84 | 2,129.68 | 2,481.52 | 2,833.36 | 3,184.77 | 3,509.78 | 3,781.80 | 4,043.03 | 4,293.64 |
| 3/4 | 34.82  | 378.07 | 729.87   | 1,081.54 | 1,433.33 | 1,785.17 | 2,137.01 | 2,488.85 | 2,840.69 | 3,192.08 | 3,515.52 | 3,787.37 | 4,048.36 | 4,298.75 |
| 1   | 39.88  | 385.40 | 737.20   | 1,088.66 | 1,440.66 | 1,792.50 | 2,144.34 | 2,496.18 | 2,848.02 | 3,199.39 | 3,521.26 | 3,792.93 | 4,053.69 | 4,303.85 |
| 1/4 | 45.29  | 392.73 | 744.52   | 1,096.19 | 1,447.99 | 1,799.83 | 2,151.65 | 2,503.51 | 2,855.35 | 3,206.71 | 3,527.00 | 3,798.49 | 4,059.02 | 4,308.94 |
| 1/2 | 51.05  | 400.06 | 751.85   | 1,103.51 | 1,455.32 | 1,807.16 | 2,159.00 | 2,510.84 | 2,862.68 | 3,214.02 | 3,532.74 | 3,804.04 | 4,064.34 | 4,314.03 |
| 3/4 | 57.16  | 407.39 | 758.18   | 1,110.84 | 1,462.65 | 1,814.49 | 2,166.33 | 2,518.17 | 2,870.01 | 3,221.33 | 3,538.47 | 3,809.59 | 4,069.66 | 4,319.11 |
| 2   | 63.61  | 414.72 | 766.51   | 1,118.16 | 1,469.98 | 1,821.82 | 2,173.66 | 2,525.50 | 2,877.34 | 3,228.64 | 3,544.21 | 3,815.14 | 4,074.97 | 4,324.19 |
| 1/4 | 70.42  | 422.05 | 773.84   | 1,125.49 | 1,477.31 | 1,829.15 | 2,180.99 | 2,532.83 | 2,884.67 | 3,235.95 | 3,549.95 | 3,820.68 | 4,080.27 | 4,329.27 |
| 1/2 | 77.57  | 429.37 | 781.17   | 1,132.82 | 1,484.64 | 1,836.48 | 2,188.32 | 2,540.16 | 2,892.00 | 3,243.26 | 3,555.69 | 3,826.22 | 4,085.57 | 4,334.33 |
| 3/4 | 84.90  | 436.70 | 788.50   | 1,140.14 | 1,491.97 | 1,843.81 | 2,195.65 | 2,547.49 | 2,899.33 | 3,250.57 | 3,561.43 | 3,831.75 | 4,090.87 | 4,339.40 |
| 3   | 92.23  | 444.03 | 795.83   | 1,147.47 | 1,499.30 | 1,851.14 | 2,202.98 | 2,554.82 | 2,906.66 | 3,257.88 | 3,567.17 | 3,837.27 | 4,096.16 | 4,344.46 |
| 1/4 | 99.56  | 451.36 | 803.15   | 1,154.79 | 1,506.63 | 1,858.47 | 2,210.31 | 2,562.15 | 2,913.99 | 3,265.20 | 3,572.91 | 3,842.79 | 4,101.45 | 4,349.51 |
| 1/2 | 106.89 | 458.69 | 810.46   | 1,162.12 | 1,513.96 | 1,865.80 | 2,217.64 | 2,569.48 | 2,921.32 | 3,272.51 | 3,578.65 | 3,848.27 | 4,106.73 | 4,354.56 |
| 3/4 | 114.22 | 466.02 | 817.81   | 1,169.45 | 1,521.29 | 1,873.13 | 2,224.97 | 2,576.81 | 2,928.65 | 3,279.82 | 3,584.39 | 3,853.74 | 4,112.01 | 4,359.61 |
| 4   | 121.55 | 473.35 | 825.13   | 1,176.78 | 1,528.62 | 1,880.46 | 2,232.30 | 2,584.14 | 2,935.98 | 3,287.13 | 3,590.13 | 3,859.21 | 4,117.28 | 4,364.65 |
| 1/4 | 128.88 | 480.68 | 832.46   | 1,184.11 | 1,535.95 | 1,887.79 | 2,239.63 | 2,591.47 | 2,943.31 | 3,294.44 | 3,596.87 | 3,864.67 | 4,122.55 | 4,369.68 |
| 1/2 | 136.21 | 488.00 | 839.78   | 1,191.44 | 1,543.28 | 1,895.12 | 2,246.96 | 2,598.80 | 2,950.64 | 3,301.75 | 3,601.61 | 3,870.13 | 4,127.81 | 4,374.71 |
| 3/4 | 143.54 | 495.33 | 847.11   | 1,198.77 | 1,550.61 | 1,902.45 | 2,254.29 | 2,606.13 | 2,957.97 | 3,308.06 | 3,607.35 | 3,875.59 | 4,133.07 | 4,379.74 |
| 5   | 150.87 | 502.66 | 854.44   | 1,206.10 | 1,557.94 | 1,909.78 | 2,261.62 | 2,613.46 | 2,965.30 | 3,316.38 | 3,613.09 | 3,881.04 | 4,138.32 | 4,384.56 |
| 1/4 | 158.20 | 509.99 | 861.76   | 1,213.43 | 1,565.27 | 1,917.11 | 2,268.95 | 2,620.79 | 2,972.63 | 3,323.69 | 3,618.83 | 3,886.48 | 4,143.57 | 4,389.18 |
| 1/2 | 165.52 | 517.32 | 869.09   | 1,220.76 | 1,572.60 | 1,924.44 | 2,276.28 | 2,628.12 | 2,979.96 | 3,330.94 | 3,624.46 | 3,891.92 | 4,148.81 | 4,393.59 |
| 3/4 | 172.85 | 524.65 | 876.41   | 1,228.09 | 1,579.93 | 1,931.77 | 2,283.61 | 2,635.45 | 2,987.29 | 3,338.13 | 3,630.09 | 3,897.35 | 4,154.05 | 4,397.80 |
| 6   | 180.18 | 531.98 | 883.74   | 1,235.42 | 1,587.26 | 1,939.10 | 2,290.94 | 2,642.78 | 2,994.62 | 3,345.26 | 3,635.72 | 3,902.78 | 4,159.28 | 4,401.80 |
| 1/4 | 187.51 | 539.31 | 891.06   | 1,242.75 | 1,594.59 | 1,946.43 | 2,298.27 | 2,650.11 | 3,001.95 | 3,352.33 | 3,641.36 | 3,908.21 | 4,164.51 | 4,405.60 |
| 1/2 | 194.84 | 546.64 | 898.39   | 1,250.08 | 1,601.92 | 1,953.76 | 2,305.60 | 2,657.44 | 3,009.26 | 3,359.34 | 3,646.99 | 3,913.63 | 4,169.73 | 4,409.19 |
| 3/4 | 202.17 | 553.97 | 905.72   | 1,257.41 | 1,609.25 | 1,961.09 | 2,312.93 | 2,664.77 | 3,016.58 | 3,366.29 | 3,652.62 | 3,919.04 | 4,174.95 | 4,412.58 |
| 7   | 209.50 | 561.30 | 913.04   | 1,264.74 | 1,616.58 | 1,968.42 | 2,320.26 | 2,672.10 | 3,023.89 | 3,373.17 | 3,658.26 | 3,924.45 | 4,180.17 | 4,415.76 |
| 1/4 | 216.83 | 568.62 | 920.37   | 1,272.07 | 1,623.91 | 1,975.75 | 2,327.59 | 2,679.43 | 3,031.20 | 3,380.00 | 3,663.89 | 3,929.86 | 4,185.37 | 4,418.74 |
| 1/2 | 224.16 | 575.95 | 927.69   | 1,279.40 | 1,631.24 | 1,983.08 | 2,334.92 | 2,686.76 | 3,038.52 | 3,386.77 | 3,669.52 | 3,935.29 | 4,190.58 | 4,421.52 |
| 3/4 | 231.49 | 583.28 | 935.02   | 1,286.73 | 1,638.57 | 1,990.41 | 2,342.25 | 2,694.09 | 3,045.83 | 3,393.48 | 3,675.15 | 3,940.73 | 4,195.78 | 4,424.09 |
| 8   | 238.82 | 590.61 | 942.34   | 1,294.06 | 1,645.90 | 1,997.74 | 2,349.58 | 2,701.42 | 3,053.14 | 3,400.12 | 3,680.79 | 3,946.15 | 4,200.97 | 4,426.45 |
| 1/4 | 246.15 | 597.94 | 949.67   | 1,301.39 | 1,653.23 | 2,005.07 | 2,356.91 | 2,708.75 | 3,060.46 | 3,406.71 | 3,686.42 | 3,951.58 | 4,206.16 | 4,428.61 |
| 1/2 | 253.48 | 605.27 | 957.00   | 1,308.72 | 1,660.56 | 2,012.40 | 2,364.24 | 2,716.08 | 3,067.77 | 3,413.23 | 3,692.05 | 3,957.00 | 4,211.35 | 4,430.57 |
| 3/4 | 260.80 | 612.60 | 964.32   | 1,316.05 | 1,667.89 | 2,019.73 | 2,371.57 | 2,723.41 | 3,075.08 | 3,419.70 | 3,697.68 | 3,962.41 | 4,216.53 | 4,432.32 |
| 9   | 268.13 | 619.93 | 971.65   | 1,323.38 | 1,675.22 | 2,027.06 | 2,378.90 | 2,730.74 | 3,082.40 | 3,426.10 | 3,703.32 | 3,967.82 | 4,221.70 | 4,433.87 |
| 1/4 | 275.46 | 627.26 | 978.97   | 1,330.71 | 1,682.55 | 2,034.39 | 2,386.23 | 2,738.07 | 3,089.71 | 3,432.45 | 3,708.95 | 3,973.62 | 4,226.87 | 4,435.21 |
| 1/2 | 282.79 | 634.59 | 986.30   | 1,338.04 | 1,689.88 | 2,041.72 | 2,393.56 | 2,745.40 | 3,097.02 | 3,438.73 | 3,714.58 | 3,979.43 | 4,232.03 | 4,436.35 |
| 3/4 | 290.12 | 641.92 | 993.63   | 1,345.37 | 1,697.21 | 2,049.05 | 2,400.89 | 2,752.73 | 3,104.34 | 3,444.95 | 3,720.21 | 3,984.01 | 4,237.19 | 4,437.28 |
| 10  | 297.45 | 649.25 | 1,000.95 | 1,352.70 | 1,704.54 | 2,056.38 | 2,408.22 | 2,760.06 | 3,111.65 | 3,451.11 | 3,725.83 | 3,989.40 | 4,242.35 | 4,438.01 |
| 1/4 | 304.78 | 656.58 | 1,008.28 | 1,360.03 | 1,711.87 | 2,063.71 | 2,415.55 | 2,767.39 | 3,118.96 | 3,457.22 | 3,731.45 | 3,994.79 | 4,247.50 | 4,438.53 |
| 1/2 | 312.11 | 663.91 | 1,015.60 | 1,367.36 | 1,719.20 | 2,071.04 | 2,422.88 | 2,774.72 | 3,126.28 | 3,463.26 | 3,737.07 | 4,000.17 | 4,252.65 | 4,438.97 |
| 3/4 | 319.44 | 671.24 | 1,022.93 | 1,374.69 | 1,726.53 | 2,078.37 | 2,430.21 | 2,782.05 | 3,133.59 | 3,469.24 | 3,742.67 | 4,005.54 | 4,257.79 |          |
| 11  | 326.77 | 678.56 | 1,030.25 | 1,382.02 | 1,733.86 | 2,085.70 | 2,437.54 | 2,789.38 | 3,140.90 | 3,475.16 | 3,748.28 | 4,010.91 | 4,262.92 |          |
| 1/4 | 334.10 | 685.89 | 1,037.58 | 1,389.35 | 1,741.19 | 2,093.03 | 2,444.87 | 2,796.71 | 3,148.22 | 3,481.02 | 3,753.86 | 4,016.28 | 4,268.05 |          |
| 1/2 | 341.43 | 693.22 | 1,044.91 | 1,396.68 | 1,748.52 | 2,100.36 | 2,452.20 | 2,804.04 | 3,155.53 | 3,486.82 | 3,759.47 | 4,021.64 | 4,273.18 |          |
| 3/4 | 348.76 | 700.55 | 1,052.23 | 1,404.01 | 1,755.85 | 2,107.69 | 2,459.53 | 2,811.37 | 3,162.64 | 3,492.56 | 3,765.06 | 4,026.99 | 4,278.30 |          |

AI - 514

O#1041867

COMPARTMENT: 3 STARBOARD  
COMPUTED IN: BARRELSGAUGE HEIGHT  
GAUGE TYPE  
INNAGE

14' - 01 1/4"

15' - 03 1/4"

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HATCH TO TOP OF TANK AT THE CENTERLINE  
IF GAUGING FROM VAPOR LOCK VALVE (MMO), THE TOTAL HEIGHT TO TOP OF VALVE IS:  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED AUGUST 26, 1996 BY CALEB BRETT

| 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    |
|-----|--------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0   | 19.96  | 357.15 | 710.00   | 1,062.73 | 1,415.57 | 1,768.46 | 2,121.35 | 2,474.25 | 2,827.14 | 3,179.66 | 3,536.00 | 3,781.14 | 4,043.11 | 4,294.38 |
| 1/4 | 24.03  | 364.50 | 717.35   | 1,070.08 | 1,422.92 | 1,775.81 | 2,128.71 | 2,481.60 | 2,834.49 | 3,186.99 | 3,513.76 | 3,786.73 | 4,048.46 | 4,299.49 |
| 1/2 | 28.48  | 371.85 | 724.70   | 1,077.43 | 1,430.27 | 1,783.16 | 2,136.06 | 2,488.95 | 2,841.84 | 3,194.33 | 3,519.51 | 3,792.31 | 4,053.81 | 4,304.60 |
| 3/4 | 33.31  | 379.20 | 732.05   | 1,084.78 | 1,437.62 | 1,790.52 | 2,143.41 | 2,496.30 | 2,849.20 | 3,201.66 | 3,525.27 | 3,797.88 | 4,059.15 | 4,309.71 |
| 1   | 38.53  | 386.55 | 739.40   | 1,092.12 | 1,444.98 | 1,797.87 | 2,150.76 | 2,503.65 | 2,856.55 | 3,208.99 | 3,531.03 | 3,803.45 | 4,064.48 | 4,314.81 |
| 1/4 | 44.14  | 393.91 | 746.75   | 1,099.47 | 1,452.33 | 1,805.22 | 2,158.11 | 2,511.01 | 2,863.90 | 3,216.33 | 3,538.78 | 3,809.02 | 4,069.81 | 4,319.91 |
| 1/2 | 50.14  | 401.26 | 754.10   | 1,106.82 | 1,459.68 | 1,812.57 | 2,165.47 | 2,518.36 | 2,871.25 | 3,223.66 | 3,542.54 | 3,814.58 | 4,075.14 | 4,325.00 |
| 3/4 | 56.52  | 408.61 | 761.45   | 1,114.17 | 1,467.03 | 1,819.92 | 2,172.82 | 2,525.71 | 2,878.60 | 3,230.99 | 3,548.29 | 3,820.14 | 4,080.46 | 4,330.09 |
| 2   | 63.30  | 415.96 | 768.81   | 1,121.52 | 1,474.38 | 1,827.28 | 2,180.17 | 2,533.06 | 2,885.96 | 3,238.33 | 3,554.05 | 3,825.69 | 4,085.77 | 4,335.17 |
| 1/4 | 70.45  | 423.31 | 776.16   | 1,128.86 | 1,481.74 | 1,834.63 | 2,187.52 | 2,540.41 | 2,893.31 | 3,245.66 | 3,559.81 | 3,831.23 | 4,091.08 | 4,340.24 |
| 1/2 | 77.80  | 430.66 | 783.51   | 1,136.21 | 1,489.09 | 1,841.98 | 2,194.87 | 2,547.77 | 2,900.66 | 3,252.99 | 3,565.56 | 3,836.78 | 4,096.39 | 4,345.32 |
| 3/4 | 85.16  | 438.01 | 790.86   | 1,143.56 | 1,496.44 | 1,849.33 | 2,202.23 | 2,555.12 | 2,908.01 | 3,260.33 | 3,571.32 | 3,842.31 | 4,101.69 | 4,350.38 |
| 3   | 92.51  | 445.36 | 798.21   | 1,150.91 | 1,503.79 | 1,856.68 | 2,209.58 | 2,562.47 | 2,915.36 | 3,267.66 | 3,577.07 | 3,847.84 | 4,106.99 | 4,355.45 |
| 1/4 | 99.86  | 452.71 | 805.56   | 1,158.25 | 1,511.14 | 1,864.04 | 2,216.93 | 2,569.82 | 2,922.72 | 3,274.99 | 3,582.83 | 3,853.37 | 4,112.28 | 4,360.50 |
| 1/2 | 107.21 | 460.06 | 812.91   | 1,165.60 | 1,518.50 | 1,871.39 | 2,224.28 | 2,577.17 | 2,930.07 | 3,282.33 | 3,588.59 | 3,858.89 | 4,117.56 | 4,365.56 |
| 3/4 | 114.56 | 467.41 | 820.26   | 1,172.95 | 1,525.85 | 1,878.74 | 2,231.63 | 2,584.53 | 2,937.42 | 3,289.66 | 3,594.34 | 3,864.37 | 4,122.85 | 4,370.60 |
| 4   | 121.91 | 474.76 | 827.61   | 1,180.31 | 1,533.20 | 1,886.09 | 2,238.99 | 2,591.88 | 2,944.77 | 3,296.99 | 3,600.10 | 3,869.85 | 4,128.12 | 4,375.65 |
| 1/4 | 129.26 | 482.11 | 834.95   | 1,187.66 | 1,540.55 | 1,893.44 | 2,246.34 | 2,599.23 | 2,952.12 | 3,304.33 | 3,605.85 | 3,875.32 | 4,133.39 | 4,380.51 |
| 1/2 | 136.61 | 489.46 | 842.30   | 1,195.01 | 1,547.90 | 1,900.80 | 2,253.69 | 2,606.58 | 2,959.48 | 3,311.66 | 3,611.61 | 3,880.78 | 4,138.66 | 4,385.20 |
| 3/4 | 143.97 | 496.82 | 849.65   | 1,202.36 | 1,555.25 | 1,908.15 | 2,261.04 | 2,613.93 | 2,966.83 | 3,318.99 | 3,617.37 | 3,886.24 | 4,143.92 | 4,389.71 |
| 5   | 151.32 | 504.17 | 857.00   | 1,209.71 | 1,562.61 | 1,915.50 | 2,268.39 | 2,621.29 | 2,974.18 | 3,326.27 | 3,623.12 | 3,891.69 | 4,149.18 | 4,394.04 |
| 1/4 | 158.67 | 511.52 | 864.34   | 1,217.07 | 1,569.96 | 1,922.85 | 2,275.74 | 2,628.64 | 2,981.53 | 3,333.50 | 3,628.88 | 3,897.14 | 4,154.43 | 4,398.20 |
| 1/2 | 166.02 | 518.87 | 871.69   | 1,224.42 | 1,577.31 | 1,930.20 | 2,283.10 | 2,635.99 | 2,988.88 | 3,340.67 | 3,634.64 | 3,902.59 | 4,159.68 | 4,402.18 |
| 3/4 | 173.37 | 526.22 | 879.04   | 1,231.77 | 1,584.66 | 1,937.56 | 2,290.45 | 2,643.34 | 2,996.23 | 3,347.78 | 3,640.28 | 3,908.03 | 4,164.92 | 4,405.98 |
| 6   | 180.72 | 533.57 | 886.39   | 1,239.12 | 1,592.01 | 1,944.91 | 2,297.80 | 2,650.69 | 3,003.59 | 3,354.84 | 3,645.93 | 3,913.46 | 4,170.16 | 4,409.61 |
| 1/4 | 188.07 | 540.92 | 893.74   | 1,246.47 | 1,599.37 | 1,952.26 | 2,305.15 | 2,658.05 | 3,010.94 | 3,361.85 | 3,651.58 | 3,918.89 | 4,175.39 | 4,413.06 |
| 1/2 | 195.42 | 548.27 | 901.08   | 1,253.83 | 1,606.72 | 1,959.61 | 2,312.50 | 2,665.40 | 3,018.29 | 3,368.80 | 3,657.23 | 3,924.32 | 4,180.62 | 4,416.33 |
| 3/4 | 202.77 | 555.62 | 908.43   | 1,261.18 | 1,614.07 | 1,966.96 | 2,319.86 | 2,672.75 | 3,025.63 | 3,375.70 | 3,662.88 | 3,929.74 | 4,185.84 | 4,419.42 |
| 7   | 210.13 | 562.98 | 915.78   | 1,268.53 | 1,621.42 | 1,974.32 | 2,327.21 | 2,680.10 | 3,032.96 | 3,382.55 | 3,668.53 | 3,935.16 | 4,191.05 | 4,422.34 |
| 1/4 | 217.48 | 570.33 | 923.13   | 1,275.88 | 1,628.77 | 1,981.67 | 2,334.56 | 2,687.45 | 3,040.30 | 3,389.34 | 3,674.18 | 3,940.57 | 4,196.27 | 4,425.08 |
| 1/2 | 224.83 | 577.68 | 930.47   | 1,283.23 | 1,636.13 | 1,989.02 | 2,341.91 | 2,694.81 | 3,047.63 | 3,396.07 | 3,679.83 | 3,945.97 | 4,201.47 | 4,427.64 |
| 3/4 | 232.18 | 585.03 | 937.82   | 1,290.58 | 1,643.48 | 1,996.37 | 2,349.26 | 2,702.16 | 3,054.97 | 3,402.75 | 3,685.48 | 3,951.41 | 4,206.68 | 4,430.03 |
| 8   | 239.53 | 592.38 | 945.17   | 1,297.94 | 1,650.83 | 2,003.72 | 2,356.62 | 2,709.51 | 3,062.30 | 3,409.38 | 3,691.13 | 3,956.84 | 4,211.88 | 4,432.23 |
| 1/4 | 246.88 | 599.73 | 952.52   | 1,305.29 | 1,658.18 | 2,011.07 | 2,363.97 | 2,716.86 | 3,069.64 | 3,415.95 | 3,696.78 | 3,962.27 | 4,217.07 | 4,434.27 |
| 1/2 | 254.23 | 607.08 | 959.87   | 1,312.64 | 1,665.53 | 2,018.43 | 2,371.21 | 2,724.21 | 3,076.97 | 3,422.47 | 3,702.43 | 3,967.70 | 4,222.26 | 4,436.12 |
| 3/4 | 261.58 | 614.43 | 967.21   | 1,319.99 | 1,672.89 | 2,025.78 | 2,378.67 | 2,731.56 | 3,084.31 | 3,428.93 | 3,708.08 | 3,973.11 | 4,227.44 | 4,437.80 |
| 9   | 268.94 | 621.79 | 974.56   | 1,327.34 | 1,680.24 | 2,033.13 | 2,386.02 | 2,738.92 | 3,091.64 | 3,435.34 | 3,713.73 | 3,978.53 | 4,232.62 | 4,439.30 |
| 1/4 | 276.29 | 629.14 | 981.91   | 1,334.70 | 1,687.59 | 2,040.48 | 2,393.38 | 2,746.27 | 3,098.98 | 3,441.69 | 3,719.37 | 3,983.93 | 4,237.79 | 4,440.62 |
| 1/2 | 283.64 | 636.49 | 989.26   | 1,342.05 | 1,694.94 | 2,047.83 | 2,400.73 | 2,753.62 | 3,106.31 | 3,447.99 | 3,725.01 | 3,989.34 | 4,242.96 | 4,441.76 |
| 3/4 | 290.99 | 643.84 | 996.60   | 1,349.40 | 1,702.29 | 2,055.19 | 2,408.08 | 2,760.97 | 3,113.65 | 3,454.24 | 3,730.65 | 3,994.74 | 4,248.12 | 4,442.73 |
| 10  | 298.34 | 651.19 | 1,003.95 | 1,356.75 | 1,709.65 | 2,062.54 | 2,415.43 | 2,768.32 | 3,120.98 | 3,460.43 | 3,736.28 | 4,000.13 | 4,253.28 | 4,443.52 |
| 1/4 | 306.69 | 658.54 | 1,011.30 | 1,364.10 | 1,717.00 | 2,069.89 | 2,422.78 | 2,775.68 | 3,128.32 | 3,466.57 | 3,741.90 | 4,005.52 | 4,258.43 | 4,444.14 |
| 1/2 | 313.04 | 665.89 | 1,018.65 | 1,371.46 | 1,724.35 | 2,077.24 | 2,430.14 | 2,783.03 | 3,135.65 | 3,472.65 | 3,747.52 | 4,010.91 | 4,263.58 | 4,444.57 |
| 3/4 | 320.39 | 673.24 | 1,025.99 | 1,378.81 | 1,731.70 | 2,084.59 | 2,437.49 | 2,790.38 | 3,142.99 | 3,478.68 | 3,753.14 | 4,016.29 | 4,268.73 | 4,444.83 |
| 11  | 327.75 | 680.60 | 1,033.34 | 1,386.16 | 1,739.05 | 2,091.95 | 2,444.84 | 2,797.73 | 3,150.32 | 3,484.65 | 3,758.75 | 4,021.66 | 4,273.87 | 4,445.14 |
| 1/4 | 335.10 | 687.95 | 1,040.69 | 1,393.51 | 1,746.41 | 2,099.30 | 2,452.19 | 2,805.08 | 3,157.66 | 3,490.57 | 3,764.35 | 4,027.03 | 4,279.00 | 4,445.45 |
| 1/2 | 342.45 | 695.30 | 1,048.04 | 1,400.86 | 1,753.76 | 2,106.65 | 2,459.54 | 2,812.44 | 3,164.99 | 3,496.43 | 3,769.95 | 4,032.40 | 4,284.13 | 4,445.76 |
| 3/4 | 349.80 | 702.65 | 1,055.39 | 1,408.22 | 1,761.11 | 2,114.00 | 2,466.90 | 2,819.79 | 3,172.33 | 3,502.24 | 3,775.55 | 4,037.76 | 4,289.25 | 4,446.07 |