

# AI - 519 O#1041872

COMPARTMENT: 1 PORT GAUGE HEIGHT: 14' - 01 5/8"  
 COMPUTED IN: BARRELS GAUGE TYPE: 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 (MMQ), THE TOTAL HEIGHT TO TOP OF VALVE IS:  
 NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
 STRAPPING TABLE ISSUED OCTOBER 23, 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   | 29.76  | 298.14 | 611.49 | 959.05   | 1,342.36 | 1,665.71 | 2,019.05 | 2,312.39 | 2,725.73 | 3,078.59 | 3,431.02 | 3,779.72 | 4,116.06 | 4,438.19 |
| 1/4 | 33.51  | 304.28 | 618.43 | 966.41   | 1,319.12 | 1,673.07 | 2,026.41 | 2,319.75 | 2,733.09 | 3,085.93 | 3,438.36 | 3,786.90 | 4,122.92 | 4,444.75 |
| 1/2 | 37.50  | 310.43 | 625.38 | 973.77   | 1,327.09 | 1,680.43 | 2,033.77 | 2,387.11 | 2,740.45 | 3,093.27 | 3,445.71 | 3,794.06 | 4,129.78 | 4,451.30 |
| 3/4 | 41.71  | 316.60 | 632.35 | 981.13   | 1,334.45 | 1,687.79 | 2,041.13 | 2,394.47 | 2,747.82 | 3,100.62 | 3,453.05 | 3,801.22 | 4,146.62 | 4,457.84 |
| 1   | 46.15  | 322.79 | 639.33 | 988.48   | 1,341.81 | 1,695.15 | 2,048.49 | 2,401.83 | 2,755.18 | 3,107.96 | 3,460.39 | 3,808.37 | 4,143.47 | 4,464.37 |
| 1/4 | 50.81  | 328.99 | 646.34 | 995.84   | 1,349.17 | 1,702.51 | 2,055.85 | 2,409.20 | 2,762.54 | 3,115.30 | 3,467.73 | 3,815.51 | 4,150.30 | 4,470.90 |
| 1/2 | 55.71  | 335.21 | 653.35 | 1,003.20 | 1,356.53 | 1,709.87 | 2,063.22 | 2,416.56 | 2,769.90 | 3,122.64 | 3,475.07 | 3,822.65 | 4,157.13 | 4,477.43 |
| 3/4 | 60.83  | 341.45 | 660.39 | 1,010.55 | 1,363.89 | 1,717.23 | 2,070.58 | 2,423.92 | 2,777.26 | 3,129.99 | 3,482.42 | 3,829.78 | 4,163.96 | 4,483.91 |
| 2   | 66.29  | 347.70 | 667.44 | 1,017.91 | 1,371.26 | 1,724.60 | 2,077.94 | 2,431.26 | 2,784.62 | 3,137.33 | 3,489.76 | 3,836.91 | 4,170.77 | 4,490.45 |
| 1/4 | 71.76  | 353.97 | 674.51 | 1,025.27 | 1,378.61 | 1,731.96 | 2,085.30 | 2,438.64 | 2,791.98 | 3,144.67 | 3,497.10 | 3,843.99 | 4,177.58 | 4,496.96 |
| 1/2 | 77.25  | 360.26 | 681.59 | 1,032.63 | 1,385.98 | 1,739.32 | 2,092.66 | 2,446.00 | 2,799.34 | 3,152.02 | 3,504.44 | 3,851.07 | 4,184.39 | 4,503.45 |
| 3/4 | 82.75  | 366.56 | 688.69 | 1,040.00 | 1,393.34 | 1,746.68 | 2,100.02 | 2,453.36 | 2,806.71 | 3,159.36 | 3,511.78 | 3,858.13 | 4,191.19 | 4,509.95 |
| 3   | 88.27  | 372.88 | 695.80 | 1,047.36 | 1,400.70 | 1,754.04 | 2,107.38 | 2,460.73 | 2,814.07 | 3,166.70 | 3,519.13 | 3,865.20 | 4,197.98 | 4,516.43 |
| 1/4 | 93.81  | 379.22 | 702.94 | 1,054.72 | 1,408.06 | 1,761.40 | 2,114.74 | 2,468.09 | 2,821.43 | 3,174.04 | 3,526.47 | 3,872.25 | 4,204.76 | 4,522.91 |
| 1/2 | 99.37  | 385.57 | 710.08 | 1,062.08 | 1,415.42 | 1,768.76 | 2,122.11 | 2,475.45 | 2,828.79 | 3,181.39 | 3,533.81 | 3,879.30 | 4,211.54 | 4,529.38 |
| 3/4 | 104.94 | 391.94 | 717.25 | 1,069.44 | 1,422.78 | 1,776.12 | 2,129.47 | 2,482.81 | 2,836.15 | 3,188.73 | 3,541.15 | 3,886.34 | 4,218.31 | 4,535.84 |
| 4   | 110.53 | 398.33 | 724.43 | 1,076.80 | 1,430.14 | 1,783.49 | 2,136.83 | 2,490.17 | 2,843.51 | 3,196.07 | 3,548.49 | 3,893.38 | 4,225.08 | 4,542.30 |
| 1/4 | 116.13 | 404.73 | 731.63 | 1,084.16 | 1,437.51 | 1,790.85 | 2,144.19 | 2,497.55 | 2,850.87 | 3,203.41 | 3,555.73 | 3,900.41 | 4,231.84 | 4,548.49 |
| 1/2 | 121.75 | 411.15 | 738.85 | 1,091.52 | 1,444.87 | 1,798.21 | 2,151.55 | 2,504.89 | 2,858.24 | 3,210.76 | 3,562.96 | 3,907.43 | 4,238.59 | 4,554.41 |
| 3/4 | 127.39 | 417.59 | 746.08 | 1,098.89 | 1,452.23 | 1,805.57 | 2,158.91 | 2,512.25 | 2,865.60 | 3,218.10 | 3,570.20 | 3,914.45 | 4,245.34 | 4,560.06 |
| 5   | 133.05 | 424.04 | 753.33 | 1,106.25 | 1,459.59 | 1,812.93 | 2,166.27 | 2,519.92 | 2,872.96 | 3,225.44 | 3,577.43 | 3,921.46 | 4,252.07 | 4,565.43 |
| 1/4 | 138.72 | 430.51 | 760.59 | 1,113.61 | 1,466.95 | 1,820.29 | 2,173.63 | 2,526.98 | 2,880.30 | 3,232.78 | 3,584.67 | 3,928.47 | 4,258.81 | 4,570.54 |
| 1/2 | 144.41 | 437.00 | 767.87 | 1,120.97 | 1,474.31 | 1,827.65 | 2,181.00 | 2,534.34 | 2,887.65 | 3,240.13 | 3,591.90 | 3,935.46 | 4,265.54 | 4,575.37 |
| 3/4 | 150.11 | 443.50 | 775.17 | 1,128.33 | 1,481.67 | 1,835.02 | 2,188.36 | 2,541.70 | 2,894.99 | 3,247.47 | 3,599.14 | 3,942.46 | 4,272.26 | 4,579.94 |
| 6   | 155.83 | 450.02 | 782.49 | 1,135.69 | 1,489.03 | 1,842.38 | 2,195.72 | 2,549.06 | 2,902.34 | 3,254.81 | 3,606.37 | 3,949.44 | 4,278.97 | 4,584.23 |
| 1/4 | 161.57 | 456.56 | 789.82 | 1,143.05 | 1,496.40 | 1,849.74 | 2,203.08 | 2,556.42 | 2,909.68 | 3,262.15 | 3,613.61 | 3,956.46 | 4,285.68 | 4,588.26 |
| 1/2 | 167.33 | 463.11 | 797.17 | 1,150.41 | 1,503.76 | 1,857.10 | 2,210.44 | 2,563.78 | 2,917.02 | 3,269.50 | 3,620.84 | 3,963.47 | 4,292.38 | 4,592.01 |
| 3/4 | 173.10 | 469.68 | 804.53 | 1,157.78 | 1,511.12 | 1,864.46 | 2,217.80 | 2,571.14 | 2,924.37 | 3,276.84 | 3,628.08 | 3,970.47 | 4,299.07 | 4,595.49 |
| 7   | 178.89 | 476.27 | 811.91 | 1,165.14 | 1,518.48 | 1,871.82 | 2,225.16 | 2,578.51 | 2,931.71 | 3,284.18 | 3,635.31 | 3,977.47 | 4,305.76 | 4,598.70 |
| 1/4 | 184.69 | 482.87 | 819.27 | 1,172.50 | 1,525.84 | 1,879.18 | 2,232.53 | 2,585.87 | 2,939.06 | 3,291.52 | 3,642.55 | 3,984.46 | 4,312.44 | 4,601.65 |
| 1/2 | 190.51 | 489.49 | 826.63 | 1,179.86 | 1,533.20 | 1,886.54 | 2,239.89 | 2,593.23 | 2,946.40 | 3,298.87 | 3,649.78 | 3,991.44 | 4,319.12 | 4,604.32 |
| 3/4 | 196.35 | 496.13 | 833.98 | 1,187.22 | 1,540.56 | 1,893.91 | 2,247.25 | 2,600.59 | 2,953.75 | 3,306.21 | 3,657.02 | 3,998.42 | 4,325.79 | 4,606.72 |
| 8   | 202.21 | 502.78 | 841.34 | 1,194.58 | 1,547.92 | 1,901.27 | 2,254.61 | 2,607.95 | 2,961.09 | 3,313.55 | 3,664.25 | 4,005.39 | 4,332.45 | 4,608.85 |
| 1/4 | 208.08 | 509.45 | 848.70 | 1,201.94 | 1,555.29 | 1,908.63 | 2,261.97 | 2,615.31 | 2,968.44 | 3,320.89 | 3,671.49 | 4,012.36 | 4,339.11 | 4,610.71 |
| 1/2 | 213.96 | 516.14 | 856.06 | 1,209.31 | 1,562.65 | 1,915.99 | 2,269.33 | 2,622.67 | 2,975.78 | 3,328.23 | 3,678.72 | 4,019.31 | 4,345.76 | 4,612.30 |
| 3/4 | 219.84 | 522.84 | 863.41 | 1,216.67 | 1,570.01 | 1,923.35 | 2,276.69 | 2,629.99 | 2,983.13 | 3,335.58 | 3,685.96 | 4,026.27 | 4,352.40 | 4,613.61 |
| 9   | 225.79 | 529.56 | 870.77 | 1,224.03 | 1,577.37 | 1,930.71 | 2,284.05 | 2,637.40 | 2,990.47 | 3,342.92 | 3,693.19 | 4,033.21 | 4,359.04 | 4,614.66 |
| 1/4 | 231.73 | 536.30 | 878.13 | 1,231.39 | 1,584.73 | 1,938.07 | 2,291.42 | 2,644.76 | 2,997.81 | 3,350.26 | 3,700.43 | 4,040.15 | 4,365.67 | 4,615.56 |
| 1/2 | 237.68 | 543.05 | 885.48 | 1,238.75 | 1,592.09 | 1,945.43 | 2,298.78 | 2,652.12 | 3,005.16 | 3,357.60 | 3,707.66 | 4,047.08 | 4,372.29 |          |
| 3/4 | 243.65 | 549.82 | 892.84 | 1,246.11 | 1,599.45 | 1,952.80 | 2,306.14 | 2,659.48 | 3,012.50 | 3,364.94 | 3,714.90 | 4,054.01 | 4,378.91 |          |
| 10  | 249.64 | 556.61 | 900.20 | 1,253.47 | 1,606.82 | 1,960.16 | 2,313.50 | 2,666.84 | 3,019.85 | 3,372.29 | 3,722.13 | 4,060.93 | 4,385.52 |          |
| 1/4 | 255.65 | 563.41 | 907.55 | 1,260.83 | 1,614.18 | 1,967.52 | 2,320.86 | 2,674.20 | 3,027.19 | 3,379.63 | 3,729.35 | 4,067.84 | 4,392.13 |          |
| 1/2 | 261.67 | 570.23 | 914.91 | 1,268.20 | 1,621.54 | 1,974.88 | 2,328.22 | 2,681.56 | 3,034.53 | 3,386.97 | 3,736.57 | 4,074.75 | 4,398.73 |          |
| 3/4 | 267.70 | 577.06 | 922.27 | 1,275.56 | 1,628.90 | 1,982.24 | 2,335.58 | 2,688.93 | 3,041.88 | 3,394.31 | 3,743.77 | 4,081.65 | 4,405.32 |          |
| 11  | 273.76 | 583.92 | 929.63 | 1,282.92 | 1,636.26 | 1,989.60 | 2,342.94 | 2,696.29 | 3,049.22 | 3,401.65 | 3,750.98 | 4,088.55 | 4,411.91 |          |
| 1/4 | 279.83 | 590.79 | 936.98 | 1,290.28 | 1,643.82 | 1,996.96 | 2,350.31 | 2,703.65 | 3,056.56 | 3,409.00 | 3,758.17 | 4,095.43 | 4,418.49 |          |
| 1/2 | 285.92 | 597.67 | 944.34 | 1,297.64 | 1,650.98 | 2,004.33 | 2,357.67 | 2,711.01 | 3,063.90 | 3,416.34 | 3,765.36 | 4,102.31 | 4,425.06 |          |
| 3/4 | 292.02 | 604.57 | 951.70 | 1,305.00 | 1,658.34 | 2,011.69 | 2,365.03 | 2,718.37 | 3,071.25 | 3,423.68 | 3,772.55 | 4,109.19 | 4,431.63 |          |

AI - 519

COMPARTMENT: 1 starboard GAUGE HEIGHT 13' - 11 3/4"  
COMPUTED IN: BARRELS GAUGE TYPE INMAGE

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 OCTOBER 23, 1996 BY CALLE 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   | 19.22  | 282.37 | 595.05 | 942.83   | 1,296.12 | 1,648.47 | 2,002.81 | 2,356.15 | 2,709.49 | 3,062.42 | 3,414.86 | 3,763.78 | 4,099.28 | 4,420.70 |
| 1/4 | 22.45  | 288.48 | 601.99 | 950.19   | 1,303.49 | 1,656.83 | 2,010.17 | 2,363.51 | 2,716.85 | 3,069.76 | 3,422.20 | 3,770.93 | 4,106.12 | 4,427.24 |
| 1/2 | 25.94  | 294.60 | 608.94 | 957.55   | 1,310.85 | 1,664.19 | 2,017.87 | 2,370.87 | 2,724.21 | 3,077.11 | 3,429.54 | 3,778.07 | 4,112.96 | 4,433.77 |
| 3/4 | 29.69  | 300.75 | 615.92 | 964.90   | 1,318.21 | 1,671.55 | 2,024.89 | 2,378.23 | 2,731.57 | 3,084.45 | 3,436.88 | 3,785.21 | 4,119.80 | 4,440.30 |
| 1   | 33.69  | 306.91 | 622.91 | 972.26   | 1,325.57 | 1,678.91 | 2,032.25 | 2,385.59 | 2,738.93 | 3,091.79 | 3,444.22 | 3,792.35 | 4,126.62 | 4,446.83 |
| 1/4 | 37.96  | 313.08 | 629.91 | 979.62   | 1,332.93 | 1,686.27 | 2,039.61 | 2,392.95 | 2,746.30 | 3,099.13 | 3,451.57 | 3,799.47 | 4,133.44 | 4,453.34 |
| 1/2 | 42.48  | 319.28 | 636.93 | 986.98   | 1,340.29 | 1,693.63 | 2,046.97 | 2,400.32 | 2,753.66 | 3,106.48 | 3,458.91 | 3,806.59 | 4,140.26 | 4,459.85 |
| 3/4 | 47.26  | 325.49 | 643.98 | 994.33   | 1,347.65 | 1,700.99 | 2,054.34 | 2,407.68 | 2,761.02 | 3,113.82 | 3,466.25 | 3,813.71 | 4,147.07 | 4,466.36 |
| 2   | 52.30  | 331.72 | 651.03 | 1,001.69 | 1,355.01 | 1,708.36 | 2,061.70 | 2,415.04 | 2,768.38 | 3,121.16 | 3,473.59 | 3,820.81 | 4,153.87 | 4,472.85 |
| 1/4 | 57.60  | 337.96 | 658.11 | 1,009.05 | 1,362.38 | 1,715.72 | 2,069.06 | 2,422.40 | 2,775.74 | 3,128.50 | 3,480.93 | 3,827.92 | 4,160.66 | 4,479.34 |
| 1/2 | 63.03  | 344.23 | 665.20 | 1,016.40 | 1,369.74 | 1,723.08 | 2,076.42 | 2,429.76 | 2,783.10 | 3,135.85 | 3,488.27 | 3,835.01 | 4,167.45 | 4,485.83 |
| 3/4 | 68.48  | 350.51 | 672.31 | 1,023.76 | 1,377.10 | 1,730.44 | 2,083.78 | 2,437.31 | 2,790.46 | 3,143.19 | 3,495.62 | 3,842.10 | 4,174.23 | 4,492.31 |
| 3   | 73.95  | 356.81 | 679.44 | 1,031.12 | 1,384.46 | 1,737.80 | 2,091.14 | 2,444.48 | 2,797.82 | 3,150.53 | 3,502.96 | 3,849.18 | 4,181.01 | 4,498.78 |
| 1/4 | 79.44  | 363.12 | 686.58 | 1,038.48 | 1,391.82 | 1,745.16 | 2,098.50 | 2,451.84 | 2,805.19 | 3,157.87 | 3,510.30 | 3,856.22 | 4,187.78 | 4,505.24 |
| 1/2 | 84.95  | 369.45 | 693.74 | 1,045.84 | 1,399.18 | 1,752.52 | 2,105.86 | 2,459.21 | 2,812.55 | 3,165.22 | 3,517.64 | 3,863.25 | 4,194.54 | 4,511.70 |
| 3/4 | 90.47  | 375.80 | 700.91 | 1,053.20 | 1,406.54 | 1,759.88 | 2,113.23 | 2,466.57 | 2,819.91 | 3,172.56 | 3,524.98 | 3,870.27 | 4,201.30 | 4,517.94 |
| 4   | 96.01  | 382.17 | 708.11 | 1,060.56 | 1,413.90 | 1,767.25 | 2,120.59 | 2,473.93 | 2,827.27 | 3,179.90 | 3,532.33 | 3,877.29 | 4,208.05 | 4,523.97 |
| 1/4 | 101.56 | 388.56 | 715.32 | 1,067.92 | 1,421.27 | 1,774.61 | 2,127.95 | 2,481.29 | 2,834.63 | 3,187.24 | 3,539.67 | 3,884.31 | 4,214.79 | 4,529.78 |
| 1/2 | 107.14 | 394.96 | 722.54 | 1,075.29 | 1,428.63 | 1,781.91 | 2,135.31 | 2,488.65 | 2,841.99 | 3,194.59 | 3,547.01 | 3,891.31 | 4,221.53 | 4,535.37 |
| 3/4 | 112.73 | 401.38 | 729.79 | 1,082.65 | 1,435.99 | 1,789.63 | 2,142.67 | 2,496.01 | 2,849.35 | 3,201.93 | 3,554.35 | 3,898.31 | 4,228.26 | 4,540.74 |
| 5   | 118.33 | 407.81 | 737.05 | 1,090.01 | 1,443.35 | 1,796.69 | 2,150.03 | 2,503.37 | 2,856.71 | 3,209.27 | 3,561.69 | 3,905.30 | 4,234.99 | 4,545.90 |
| 1/4 | 123.96 | 414.27 | 744.33 | 1,097.37 | 1,450.71 | 1,804.05 | 2,157.39 | 2,510.73 | 2,864.08 | 3,216.62 | 3,568.93 | 3,912.29 | 4,241.70 | 4,550.84 |
| 1/2 | 129.60 | 420.74 | 751.63 | 1,104.73 | 1,458.07 | 1,811.41 | 2,164.75 | 2,518.10 | 2,871.44 | 3,223.96 | 3,576.16 | 3,919.27 | 4,248.42 | 4,555.56 |
| 3/4 | 135.26 | 427.23 | 758.94 | 1,112.09 | 1,465.43 | 1,818.77 | 2,172.12 | 2,525.46 | 2,878.80 | 3,231.30 | 3,583.40 | 3,926.25 | 4,255.12 | 4,560.06 |
| 6   | 140.94 | 433.73 | 766.27 | 1,119.45 | 1,472.79 | 1,826.14 | 2,179.48 | 2,532.82 | 2,886.16 | 3,238.64 | 3,590.63 | 3,933.21 | 4,261.82 | 4,564.35 |
| 1/4 | 146.63 | 440.26 | 773.62 | 1,126.81 | 1,480.16 | 1,833.50 | 2,186.84 | 2,540.18 | 2,893.50 | 3,245.99 | 3,597.87 | 3,940.17 | 4,268.51 | 4,568.42 |
| 1/2 | 152.34 | 446.80 | 780.98 | 1,134.18 | 1,487.52 | 1,840.86 | 2,194.20 | 2,547.54 | 2,900.85 | 3,253.33 | 3,605.10 | 3,947.13 | 4,275.20 | 4,572.28 |
| 3/4 | 158.07 | 453.35 | 788.33 | 1,141.54 | 1,494.88 | 1,848.22 | 2,201.56 | 2,554.90 | 2,908.19 | 3,260.67 | 3,612.34 | 3,954.08 | 4,281.88 | 4,575.92 |
| 7   | 163.82 | 459.93 | 795.69 | 1,148.90 | 1,502.24 | 1,855.58 | 2,208.92 | 2,562.26 | 2,915.54 | 3,268.01 | 3,619.57 | 3,961.02 | 4,288.55 | 4,579.34 |
| 1/4 | 169.58 | 466.52 | 803.05 | 1,156.26 | 1,509.60 | 1,862.94 | 2,216.78 | 2,569.63 | 2,922.88 | 3,275.36 | 3,626.81 | 3,967.99 | 4,295.22 | 4,582.54 |
| 1/2 | 175.36 | 473.13 | 810.41 | 1,163.62 | 1,516.96 | 1,870.30 | 2,223.65 | 2,576.99 | 2,930.23 | 3,282.70 | 3,634.04 | 3,974.96 | 4,301.88 | 4,585.53 |
| 3/4 | 181.16 | 479.76 | 817.76 | 1,170.98 | 1,524.32 | 1,877.67 | 2,231.01 | 2,584.35 | 2,937.57 | 3,290.04 | 3,641.28 | 3,981.92 | 4,308.54 | 4,588.29 |
| 8   | 186.98 | 486.40 | 825.12 | 1,178.34 | 1,531.69 | 1,885.03 | 2,238.37 | 2,591.71 | 2,944.92 | 3,297.38 | 3,648.51 | 3,988.88 | 4,315.19 | 4,590.85 |
| 1/4 | 192.81 | 493.06 | 832.48 | 1,185.71 | 1,539.05 | 1,892.39 | 2,245.73 | 2,599.07 | 2,952.26 | 3,304.73 | 3,655.75 | 3,995.82 | 4,321.83 | 4,593.18 |
| 1/2 | 198.66 | 499.74 | 839.83 | 1,193.07 | 1,546.41 | 1,899.75 | 2,253.09 | 2,606.43 | 2,959.60 | 3,312.07 | 3,662.98 | 4,002.77 | 4,328.46 | 4,595.30 |
| 3/4 | 204.53 | 506.44 | 847.19 | 1,200.43 | 1,553.77 | 1,907.11 | 2,260.45 | 2,613.79 | 2,966.95 | 3,319.41 | 3,670.22 | 4,009.70 | 4,335.09 | 4,597.20 |
| 9   | 210.41 | 513.15 | 854.55 | 1,207.79 | 1,561.13 | 1,914.47 | 2,267.81 | 2,621.15 | 2,974.29 | 3,326.75 | 3,677.45 | 4,016.63 | 4,341.71 | 4,598.89 |
| 1/4 | 216.31 | 519.88 | 861.91 | 1,215.15 | 1,568.49 | 1,921.83 | 2,275.17 | 2,628.52 | 2,981.64 | 3,334.09 | 3,684.68 | 4,023.55 | 4,348.33 | 4,600.35 |
| 1/2 | 222.23 | 526.63 | 869.26 | 1,222.51 | 1,575.85 | 1,929.19 | 2,282.54 | 2,635.88 | 2,988.98 | 3,341.44 | 3,691.91 | 4,030.47 | 4,354.94 | 4,601.60 |
| 3/4 | 228.17 | 533.39 | 876.62 | 1,229.87 | 1,583.21 | 1,936.56 | 2,289.90 | 2,643.24 | 2,996.33 | 3,348.78 | 3,699.12 | 4,037.38 | 4,361.54 | 4,602.64 |
| 10  | 234.12 | 540.18 | 883.98 | 1,237.23 | 1,590.58 | 1,943.92 | 2,297.26 | 2,650.60 | 3,003.67 | 3,356.12 | 3,706.33 | 4,044.28 | 4,368.14 | 4,603.45 |
| 1/4 | 240.09 | 546.98 | 891.33 | 1,244.60 | 1,597.94 | 1,951.28 | 2,304.62 | 2,657.96 | 3,011.02 | 3,363.46 | 3,713.53 | 4,051.18 | 4,374.73 | 4,604.17 |
| 1/2 | 246.08 | 553.79 | 898.39 | 1,251.96 | 1,605.30 | 1,958.64 | 2,311.98 | 2,665.32 | 3,018.36 | 3,370.80 | 3,720.73 | 4,058.07 | 4,381.32 |          |
| 3/4 | 252.08 | 560.63 | 906.05 | 1,259.32 | 1,612.66 | 1,966.00 | 2,319.34 | 2,672.68 | 3,025.71 | 3,378.15 | 3,727.92 | 4,064.95 | 4,387.90 |          |
| 11  | 258.11 | 567.48 | 913.41 | 1,266.68 | 1,620.02 | 1,973.36 | 2,326.70 | 2,680.04 | 3,033.05 | 3,385.49 | 3,735.10 | 4,071.83 | 4,394.47 |          |
| 1/4 | 264.14 | 574.35 | 920.76 | 1,274.04 | 1,627.38 | 1,980.72 | 2,334.06 | 2,687.41 | 3,040.39 | 3,392.83 | 3,742.28 | 4,078.70 | 4,401.03 |          |
| 1/2 | 270.20 | 581.23 | 928.12 | 1,281.40 | 1,634.74 | 1,988.08 | 2,341.43 | 2,694.77 | 3,047.74 | 3,400.17 | 3,749.45 | 4,085.57 | 4,407.60 |          |
| 3/4 | 276.28 | 588.13 | 935.48 | 1,288.76 | 1,642.10 | 1,995.45 | 2,348.79 | 2,702.13 | 3,055.08 | 3,407.51 | 3,756.62 | 4,092.43 | 4,414.15 |          |



# AI - 519

COMPARTMENT: 2 PORT  
COMPUTED IN: BARRELS

GAUGE HEIGHT 14' - 01 1/8"  
GAUGE TYPE INMAGE

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 OCTOBER 23, 1996 BY CALIE 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   | 26.42  | 386.88 | 765.26   | 1,143.51 | 1,521.88 | 1,900.30 | 2,278.71 | 2,657.13 | 3,035.55 | 3,413.96 | 3,791.07 | 4,165.05 | 4,525.72 | 4,871.64 |
| 1/4 | 30.90  | 394.76 | 773.14   | 1,151.39 | 1,529.76 | 1,908.18 | 2,286.60 | 2,665.02 | 3,043.44 | 3,421.42 | 3,798.94 | 4,172.74 | 4,533.08 | 4,878.68 |
| 1/2 | 35.73  | 402.65 | 781.02   | 1,159.27 | 1,537.64 | 1,916.06 | 2,294.48 | 2,672.90 | 3,051.32 | 3,429.29 | 3,806.80 | 4,180.41 | 4,540.44 | 4,885.72 |
| 3/4 | 40.93  | 410.53 | 788.90   | 1,167.15 | 1,545.53 | 1,923.95 | 2,302.37 | 2,680.78 | 3,059.20 | 3,437.15 | 3,814.67 | 4,188.08 | 4,547.79 | 4,892.75 |
| 1   | 46.48  | 418.41 | 796.79   | 1,175.03 | 1,553.41 | 1,931.83 | 2,310.25 | 2,688.67 | 3,067.09 | 3,445.02 | 3,822.53 | 4,195.75 | 4,555.13 | 4,899.78 |
| 1/4 | 52.39  | 426.30 | 804.67   | 1,182.91 | 1,561.30 | 1,939.71 | 2,318.13 | 2,696.55 | 3,074.97 | 3,452.88 | 3,830.39 | 4,203.40 | 4,562.47 | 4,906.79 |
| 1/2 | 58.66  | 434.18 | 812.55   | 1,190.79 | 1,569.18 | 1,947.60 | 2,326.02 | 2,704.44 | 3,082.85 | 3,460.75 | 3,838.26 | 4,211.05 | 4,569.80 | 4,913.81 |
| 3/4 | 65.29  | 442.06 | 820.43   | 1,198.67 | 1,577.06 | 1,955.48 | 2,333.90 | 2,712.32 | 3,090.74 | 3,468.62 | 3,846.12 | 4,218.70 | 4,577.12 | 4,920.81 |
| 2   | 72.28  | 449.94 | 828.32   | 1,206.55 | 1,584.95 | 1,963.37 | 2,341.78 | 2,720.20 | 3,098.62 | 3,476.48 | 3,853.99 | 4,226.33 | 4,584.44 | 4,927.81 |
| 1/4 | 79.62  | 457.83 | 836.20   | 1,214.42 | 1,592.83 | 1,971.25 | 2,349.67 | 2,728.09 | 3,106.50 | 3,484.35 | 3,861.85 | 4,233.96 | 4,591.75 | 4,934.80 |
| 1/2 | 87.33  | 465.71 | 844.08   | 1,222.30 | 1,600.71 | 1,979.13 | 2,357.55 | 2,735.97 | 3,114.39 | 3,492.21 | 3,869.72 | 4,241.59 | 4,599.05 | 4,941.79 |
| 3/4 | 95.21  | 473.59 | 851.96   | 1,230.18 | 1,608.60 | 1,987.02 | 2,365.44 | 2,743.85 | 3,122.27 | 3,500.08 | 3,877.58 | 4,248.20 | 4,606.35 | 4,948.76 |
| 3   | 103.09 | 481.47 | 859.85   | 1,238.06 | 1,616.48 | 1,994.90 | 2,373.32 | 2,751.74 | 3,130.16 | 3,507.94 | 3,885.44 | 4,256.81 | 4,613.64 | 4,955.74 |
| 1/4 | 110.98 | 489.36 | 867.73   | 1,245.95 | 1,624.37 | 2,002.78 | 2,381.20 | 2,759.62 | 3,138.04 | 3,515.81 | 3,893.31 | 4,264.38 | 4,620.92 | 4,962.70 |
| 1/2 | 118.86 | 497.24 | 875.61   | 1,253.83 | 1,632.25 | 2,010.67 | 2,389.09 | 2,767.50 | 3,145.92 | 3,523.67 | 3,901.17 | 4,271.94 | 4,628.20 | 4,969.66 |
| 3/4 | 126.74 | 505.12 | 883.48   | 1,261.71 | 1,640.13 | 2,018.55 | 2,396.97 | 2,775.39 | 3,153.81 | 3,531.54 | 3,909.04 | 4,279.49 | 4,635.47 | 4,976.61 |
| 4   | 134.63 | 513.00 | 891.36   | 1,269.60 | 1,648.02 | 2,026.44 | 2,404.65 | 2,783.27 | 3,161.69 | 3,539.40 | 3,916.90 | 4,287.03 | 4,642.73 | 4,983.56 |
| 1/4 | 142.51 | 520.88 | 899.24   | 1,277.48 | 1,655.90 | 2,034.32 | 2,412.74 | 2,791.16 | 3,169.57 | 3,547.27 | 3,924.77 | 4,294.57 | 4,649.99 | 4,990.49 |
| 1/2 | 150.39 | 528.77 | 907.12   | 1,285.37 | 1,663.78 | 2,042.20 | 2,420.62 | 2,799.04 | 3,177.46 | 3,555.13 | 3,932.63 | 4,302.10 | 4,657.24 | 4,997.43 |
| 3/4 | 158.28 | 536.65 | 915.00   | 1,293.25 | 1,671.67 | 2,050.09 | 2,428.51 | 2,806.92 | 3,185.34 | 3,563.00 | 3,940.50 | 4,309.63 | 4,664.48 | 5,004.35 |
| 5   | 166.16 | 544.53 | 922.88   | 1,301.13 | 1,679.55 | 2,057.97 | 2,436.39 | 2,814.81 | 3,193.23 | 3,570.86 | 3,948.36 | 4,317.15 | 4,671.72 | 5,011.27 |
| 1/4 | 174.04 | 552.42 | 930.76   | 1,309.02 | 1,687.44 | 2,065.85 | 2,444.27 | 2,822.69 | 3,201.11 | 3,578.73 | 3,956.11 | 4,324.66 | 4,678.95 | 5,017.88 |
| 1/2 | 181.92 | 560.30 | 938.64   | 1,316.90 | 1,695.32 | 2,073.74 | 2,452.16 | 2,830.57 | 3,208.99 | 3,586.59 | 3,963.86 | 4,332.17 | 4,686.17 | 5,024.18 |
| 3/4 | 189.81 | 568.18 | 946.52   | 1,324.78 | 1,703.20 | 2,081.62 | 2,460.04 | 2,838.46 | 3,216.88 | 3,594.46 | 3,971.61 | 4,339.66 | 4,693.39 | 5,030.17 |
| 6   | 197.69 | 576.06 | 954.40   | 1,332.67 | 1,711.09 | 2,089.51 | 2,467.92 | 2,846.34 | 3,224.76 | 3,602.32 | 3,979.36 | 4,347.16 | 4,700.59 | 5,035.85 |
| 1/4 | 205.57 | 583.95 | 962.28   | 1,340.55 | 1,718.97 | 2,097.39 | 2,475.81 | 2,854.23 | 3,232.63 | 3,610.19 | 3,987.11 | 4,354.64 | 4,707.80 | 5,041.23 |
| 1/2 | 213.46 | 591.83 | 970.16   | 1,348.44 | 1,726.85 | 2,105.27 | 2,483.69 | 2,862.11 | 3,240.49 | 3,618.05 | 3,994.86 | 4,362.12 | 4,714.99 | 5,046.29 |
| 3/4 | 221.34 | 599.71 | 978.04   | 1,356.32 | 1,734.74 | 2,113.16 | 2,491.57 | 2,869.99 | 3,248.36 | 3,625.92 | 4,002.61 | 4,369.59 | 4,722.18 | 5,051.05 |
| 7   | 229.22 | 607.60 | 985.92   | 1,364.20 | 1,742.62 | 2,121.04 | 2,499.46 | 2,877.88 | 3,256.23 | 3,633.78 | 4,010.36 | 4,377.06 | 4,729.37 | 5,055.50 |
| 1/4 | 237.11 | 615.48 | 993.80   | 1,372.09 | 1,750.51 | 2,128.92 | 2,507.34 | 2,885.76 | 3,264.10 | 3,641.65 | 4,018.11 | 4,384.55 | 4,736.54 | 5,059.64 |
| 1/2 | 244.99 | 623.36 | 1,001.68 | 1,379.97 | 1,758.39 | 2,136.81 | 2,515.23 | 2,893.64 | 3,271.96 | 3,649.51 | 4,025.86 | 4,392.04 | 4,743.71 | 5,063.47 |
| 3/4 | 252.87 | 631.25 | 1,009.56 | 1,387.85 | 1,766.27 | 2,144.69 | 2,523.11 | 2,901.53 | 3,279.83 | 3,657.38 | 4,033.61 | 4,399.53 | 4,750.88 | 5,066.99 |
| 8   | 260.75 | 639.13 | 1,017.44 | 1,395.74 | 1,774.16 | 2,152.57 | 2,530.99 | 2,909.41 | 3,287.70 | 3,665.24 | 4,041.36 | 4,407.00 | 4,758.03 | 5,070.20 |
| 1/4 | 268.64 | 647.01 | 1,025.32 | 1,403.62 | 1,782.04 | 2,160.46 | 2,538.88 | 2,917.30 | 3,295.56 | 3,673.11 | 4,049.11 | 4,414.47 | 4,765.18 | 5,073.11 |
| 1/2 | 276.52 | 654.90 | 1,033.20 | 1,411.51 | 1,789.92 | 2,168.34 | 2,546.76 | 2,925.18 | 3,303.43 | 3,680.97 | 4,056.86 | 4,421.94 | 4,772.33 | 5,075.70 |
| 3/4 | 284.40 | 662.78 | 1,041.08 | 1,419.39 | 1,797.81 | 2,176.23 | 2,554.64 | 2,933.06 | 3,311.30 | 3,688.83 | 4,064.61 | 4,429.39 | 4,779.46 | 5,077.99 |
| 9   | 292.29 | 670.66 | 1,048.95 | 1,427.27 | 1,805.69 | 2,184.11 | 2,562.53 | 2,940.95 | 3,319.16 | 3,696.70 | 4,072.36 | 4,436.84 | 4,786.59 | 5,079.97 |
| 1/4 | 300.17 | 678.54 | 1,056.83 | 1,435.16 | 1,813.57 | 2,191.99 | 2,570.41 | 2,948.83 | 3,327.03 | 3,704.56 | 4,080.11 | 4,444.29 | 4,793.71 | 5,081.64 |
| 1/2 | 308.05 | 686.43 | 1,064.71 | 1,443.04 | 1,821.46 | 2,199.88 | 2,578.30 | 2,956.71 | 3,334.90 | 3,712.43 | 4,087.86 | 4,451.72 | 4,800.83 | 5,083.00 |
| 3/4 | 315.93 | 694.31 | 1,072.59 | 1,450.92 | 1,829.34 | 2,207.76 | 2,586.18 | 2,964.60 | 3,342.76 | 3,720.29 | 4,095.61 | 4,459.15 | 4,807.94 | 5,084.05 |
| 10  | 323.82 | 702.19 | 1,080.47 | 1,458.81 | 1,837.23 | 2,215.64 | 2,594.06 | 2,972.48 | 3,350.63 | 3,728.16 | 4,103.35 | 4,466.58 | 4,815.04 | 5,084.79 |
| 1/4 | 331.70 | 710.08 | 1,088.35 | 1,466.69 | 1,845.11 | 2,223.53 | 2,601.95 | 2,980.37 | 3,358.50 | 3,736.02 | 4,111.09 | 4,473.99 | 4,822.14 | 5,085.22 |
| 1/2 | 339.58 | 717.96 | 1,096.23 | 1,474.57 | 1,852.91 | 2,231.41 | 2,609.83 | 2,988.25 | 3,366.37 | 3,743.89 | 4,118.82 | 4,481.40 | 4,829.23 |          |
| 3/4 | 347.47 | 725.84 | 1,104.11 | 1,482.46 | 1,860.88 | 2,239.30 | 2,617.71 | 2,996.13 | 3,374.23 | 3,751.75 | 4,126.54 | 4,488.80 | 4,836.31 |          |
| 11  | 355.35 | 733.73 | 1,111.99 | 1,490.34 | 1,868.76 | 2,247.18 | 2,625.60 | 3,004.02 | 3,382.10 | 3,759.48 | 4,134.26 | 4,496.20 | 4,843.39 |          |
| 1/4 | 363.23 | 741.61 | 1,119.87 | 1,498.23 | 1,876.64 | 2,255.06 | 2,633.48 | 3,011.90 | 3,390.96 | 3,767.48 | 4,141.97 | 4,503.59 | 4,850.46 |          |
| 1/2 | 371.12 | 749.49 | 1,127.75 | 1,506.11 | 1,884.53 | 2,262.95 | 2,641.37 | 3,019.78 | 3,397.83 | 3,775.34 | 4,149.67 | 4,510.97 | 4,857.53 |          |
| 3/4 | 379.00 | 757.37 | 1,135.63 | 1,513.99 | 1,892.41 | 2,270.83 | 2,649.25 | 3,027.67 | 3,405.69 | 3,783.21 | 4,157.37 | 4,518.35 | 4,864.58 |          |

# AI - 519

COMPARTMENT: 2 STARBOARD GAUGE HEIGHT 14' - 00 1/2"  
COMPUTED IN BARRELS GAUGE TYPE 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 (MM), THE TOTAL HEIGHT TO TOP OF VALVE IS : 15' - 02 1/2"  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED OCTOBER 23, 1996 BY CALER 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     | 25.72  | 390.87 | 769.29   | 1,147.59 | 1,526.00 | 1,904.47 | 2,282.93 | 2,661.40 | 3,039.86 | 3,417.93 | 3,795.49 | 4,169.40 | 4,528.87 | 4,873.20 |
| 1/4   | 30.49  | 398.76 | 777.18   | 1,155.47 | 1,533.89 | 1,912.35 | 2,290.82 | 2,669.28 | 3,047.74 | 3,425.80 | 3,803.36 | 4,177.06 | 4,536.20 | 4,880.21 |
| 1/2   | 35.68  | 406.64 | 785.06   | 1,163.35 | 1,541.77 | 1,920.24 | 2,298.70 | 2,677.17 | 3,055.63 | 3,433.66 | 3,811.22 | 4,184.72 | 4,543.53 | 4,887.21 |
| 3/4   | 41.28  | 414.52 | 792.94   | 1,171.24 | 1,549.66 | 1,928.12 | 2,306.59 | 2,685.05 | 3,063.51 | 3,441.53 | 3,819.09 | 4,192.37 | 4,550.85 | 4,894.21 |
| 1     | 47.30  | 422.41 | 800.83   | 1,179.12 | 1,557.54 | 1,936.01 | 2,314.47 | 2,692.93 | 3,071.40 | 3,449.40 | 3,826.95 | 4,200.01 | 4,558.16 | 4,901.19 |
| 1 1/4 | 53.73  | 430.29 | 808.71   | 1,187.00 | 1,565.43 | 1,943.89 | 2,322.35 | 2,700.82 | 3,079.28 | 3,457.26 | 3,834.82 | 4,207.64 | 4,565.47 | 4,908.17 |
| 1 1/2 | 60.58  | 438.17 | 816.59   | 1,194.88 | 1,573.31 | 1,951.78 | 2,330.24 | 2,708.70 | 3,087.17 | 3,465.13 | 3,842.68 | 4,215.27 | 4,572.77 | 4,915.15 |
| 3/4   | 67.84  | 446.06 | 824.48   | 1,202.76 | 1,581.20 | 1,959.66 | 2,338.12 | 2,716.59 | 3,095.05 | 3,472.99 | 3,850.55 | 4,222.89 | 4,580.06 | 4,922.12 |
| 2     | 75.51  | 453.94 | 832.36   | 1,210.64 | 1,589.08 | 1,967.54 | 2,346.01 | 2,724.47 | 3,102.94 | 3,480.86 | 3,858.41 | 4,230.51 | 4,587.35 | 4,929.08 |
| 1 1/4 | 83.40  | 461.82 | 840.24   | 1,218.52 | 1,596.97 | 1,975.43 | 2,353.89 | 2,732.36 | 3,110.82 | 3,488.73 | 3,866.28 | 4,238.11 | 4,594.63 | 4,936.03 |
| 1 1/2 | 91.28  | 469.71 | 848.13   | 1,226.40 | 1,604.85 | 1,983.31 | 2,361.78 | 2,740.24 | 3,118.71 | 3,496.59 | 3,874.14 | 4,245.71 | 4,601.90 | 4,942.98 |
| 3/4   | 99.17  | 477.59 | 856.01   | 1,234.28 | 1,612.73 | 1,991.20 | 2,369.66 | 2,748.13 | 3,126.59 | 3,504.46 | 3,882.01 | 4,253.31 | 4,609.17 | 4,949.92 |
| 3     | 107.05 | 485.47 | 863.89   | 1,242.16 | 1,620.62 | 1,999.08 | 2,377.55 | 2,756.01 | 3,134.48 | 3,512.32 | 3,889.88 | 4,260.89 | 4,616.42 | 4,956.85 |
| 1 1/4 | 114.93 | 493.36 | 871.78   | 1,250.04 | 1,628.50 | 2,006.97 | 2,385.43 | 2,763.90 | 3,142.36 | 3,520.19 | 3,897.74 | 4,268.47 | 4,623.68 | 4,963.77 |
| 1 1/2 | 122.82 | 501.24 | 879.66   | 1,257.92 | 1,636.39 | 2,014.85 | 2,393.32 | 2,771.78 | 3,150.25 | 3,528.06 | 3,905.61 | 4,276.01 | 4,630.92 | 4,970.69 |
| 3/4   | 130.70 | 509.12 | 887.54   | 1,265.81 | 1,644.27 | 2,022.74 | 2,401.20 | 2,779.67 | 3,158.13 | 3,535.92 | 3,913.47 | 4,283.54 | 4,638.16 | 4,977.38 |
| 4     | 138.59 | 517.01 | 895.42   | 1,273.69 | 1,652.16 | 2,030.62 | 2,409.09 | 2,787.55 | 3,166.01 | 3,543.79 | 3,921.34 | 4,291.06 | 4,645.39 | 4,983.82 |
| 1 1/4 | 146.47 | 524.89 | 903.30   | 1,281.58 | 1,660.04 | 2,038.51 | 2,416.97 | 2,795.44 | 3,173.80 | 3,551.65 | 3,929.20 | 4,298.57 | 4,652.82 | 4,990.03 |
| 1 1/2 | 154.35 | 532.77 | 911.18   | 1,289.46 | 1,667.93 | 2,046.39 | 2,424.86 | 2,803.32 | 3,181.78 | 3,559.52 | 3,937.07 | 4,306.08 | 4,659.83 | 4,996.01 |
| 3/4   | 162.24 | 540.66 | 919.06   | 1,297.35 | 1,675.81 | 2,054.28 | 2,432.74 | 2,811.20 | 3,189.67 | 3,567.39 | 3,944.93 | 4,313.58 | 4,667.05 | 5,001.75 |
| 5     | 170.12 | 548.54 | 926.94   | 1,305.23 | 1,683.70 | 2,062.16 | 2,440.62 | 2,819.09 | 3,197.55 | 3,575.25 | 3,952.80 | 4,321.08 | 4,674.25 | 5,007.25 |
| 1 1/4 | 178.01 | 556.43 | 934.82   | 1,313.12 | 1,691.58 | 2,070.05 | 2,448.51 | 2,826.97 | 3,205.44 | 3,583.12 | 3,960.66 | 4,328.57 | 4,681.45 | 5,012.51 |
| 1 1/2 | 185.89 | 564.31 | 942.70   | 1,321.00 | 1,699.47 | 2,077.93 | 2,456.39 | 2,834.86 | 3,213.32 | 3,590.98 | 3,968.41 | 4,336.05 | 4,688.64 | 5,017.54 |
| 3/4   | 193.77 | 572.19 | 950.58   | 1,328.89 | 1,707.35 | 2,085.81 | 2,464.28 | 2,842.74 | 3,221.21 | 3,598.85 | 3,976.16 | 4,343.52 | 4,695.82 | 5,022.33 |
| 6     | 201.66 | 580.08 | 958.46   | 1,336.77 | 1,715.24 | 2,093.70 | 2,472.16 | 2,850.63 | 3,229.09 | 3,606.72 | 3,983.92 | 4,350.99 | 4,703.00 | 5,026.89 |
| 1 1/4 | 209.54 | 587.96 | 966.34   | 1,344.66 | 1,723.12 | 2,101.58 | 2,480.05 | 2,858.51 | 3,236.98 | 3,614.58 | 3,991.67 | 4,358.45 | 4,710.17 | 5,031.21 |
| 1 1/2 | 217.43 | 595.85 | 974.22   | 1,352.54 | 1,731.00 | 2,109.47 | 2,487.93 | 2,866.40 | 3,244.84 | 3,622.45 | 3,999.42 | 4,365.90 | 4,717.33 | 5,035.29 |
| 3/4   | 225.31 | 603.73 | 982.10   | 1,360.43 | 1,738.89 | 2,117.35 | 2,495.82 | 2,874.28 | 3,252.71 | 3,630.31 | 4,007.17 | 4,373.35 | 4,724.49 | 5,039.14 |
| 7     | 233.19 | 611.61 | 989.98   | 1,368.31 | 1,746.77 | 2,125.24 | 2,503.70 | 2,882.17 | 3,260.58 | 3,638.18 | 4,014.92 | 4,380.79 | 4,731.64 | 5,042.75 |
| 1 1/4 | 241.08 | 619.50 | 997.86   | 1,376.19 | 1,754.66 | 2,133.12 | 2,511.59 | 2,890.05 | 3,268.45 | 3,646.05 | 4,022.67 | 4,388.22 | 4,738.78 | 5,046.12 |
| 1 1/2 | 248.96 | 627.38 | 1,005.74 | 1,384.08 | 1,762.54 | 2,141.01 | 2,519.47 | 2,897.94 | 3,276.32 | 3,653.91 | 4,030.42 | 4,395.68 | 4,745.92 | 5,049.26 |
| 3/4   | 256.84 | 635.27 | 1,013.63 | 1,391.96 | 1,770.43 | 2,148.89 | 2,527.36 | 2,905.82 | 3,284.18 | 3,661.78 | 4,038.17 | 4,403.14 | 4,753.05 | 5,052.16 |
| 8     | 264.73 | 643.15 | 1,021.51 | 1,399.85 | 1,778.31 | 2,156.78 | 2,535.24 | 2,913.71 | 3,292.05 | 3,669.64 | 4,045.92 | 4,410.59 | 4,760.17 | 5,054.82 |
| 1 1/4 | 272.61 | 651.03 | 1,029.39 | 1,407.73 | 1,786.20 | 2,164.66 | 2,543.13 | 2,921.59 | 3,299.92 | 3,677.51 | 4,053.67 | 4,418.04 | 4,767.28 | 5,057.25 |
| 1 1/2 | 280.50 | 658.92 | 1,037.27 | 1,415.62 | 1,794.08 | 2,172.55 | 2,551.01 | 2,929.47 | 3,307.79 | 3,685.38 | 4,061.42 | 4,425.47 | 4,774.39 | 5,059.44 |
| 3/4   | 288.38 | 666.80 | 1,045.15 | 1,423.50 | 1,801.97 | 2,180.43 | 2,558.90 | 2,937.36 | 3,315.66 | 3,693.24 | 4,069.17 | 4,432.90 | 4,781.49 | 5,061.40 |
| 9     | 296.26 | 674.69 | 1,053.03 | 1,431.39 | 1,809.85 | 2,188.32 | 2,566.78 | 2,945.24 | 3,323.52 | 3,701.11 | 4,076.93 | 4,440.32 | 4,788.59 | 5,063.12 |
| 1 1/4 | 304.15 | 682.57 | 1,060.91 | 1,439.27 | 1,817.74 | 2,196.20 | 2,574.66 | 2,953.13 | 3,331.39 | 3,708.97 | 4,084.67 | 4,447.74 | 4,795.68 | 5,064.60 |
| 1 1/2 | 312.03 | 690.45 | 1,068.79 | 1,447.16 | 1,825.62 | 2,204.08 | 2,582.55 | 2,961.01 | 3,339.26 | 3,716.84 | 4,092.41 | 4,455.15 | 4,802.76 | 5,065.85 |
| 3/4   | 319.92 | 698.34 | 1,076.67 | 1,455.04 | 1,833.51 | 2,211.97 | 2,590.43 | 2,968.90 | 3,347.13 | 3,724.70 | 4,100.14 | 4,462.95 | 4,809.83 | 5,066.86 |
| 10    | 327.80 | 706.22 | 1,084.55 | 1,462.93 | 1,841.39 | 2,219.85 | 2,598.32 | 2,976.78 | 3,354.99 | 3,732.57 | 4,107.86 | 4,469.95 | 4,816.90 | 5,067.63 |
| 1 1/4 | 335.68 | 714.11 | 1,092.43 | 1,470.81 | 1,849.27 | 2,227.74 | 2,606.20 | 2,984.67 | 3,362.86 | 3,740.43 | 4,115.58 | 4,477.34 | 4,823.96 | 5,068.17 |
| 1 1/2 | 343.57 | 721.99 | 1,100.31 | 1,478.70 | 1,857.16 | 2,235.62 | 2,614.09 | 2,992.55 | 3,370.73 | 3,748.30 | 4,123.29 | 4,484.72 | 4,831.02 | 5,068.47 |
| 3/4   | 351.45 | 729.87 | 1,108.19 | 1,486.58 | 1,865.04 | 2,243.51 | 2,621.97 | 3,000.44 | 3,378.60 | 3,756.16 | 4,130.99 | 4,492.09 | 4,838.06 |          |
| 11    | 359.34 | 737.76 | 1,116.07 | 1,494.46 | 1,872.93 | 2,251.39 | 2,629.86 | 3,008.32 | 3,386.47 | 3,764.03 | 4,138.69 | 4,499.46 | 4,845.10 |          |
| 1 1/4 | 367.22 | 745.64 | 1,123.95 | 1,502.35 | 1,880.81 | 2,259.28 | 2,637.74 | 3,016.21 | 3,394.33 | 3,771.89 | 4,146.37 | 4,506.82 | 4,852.14 |          |
| 1 1/2 | 375.10 | 753.52 | 1,131.83 | 1,510.23 | 1,888.70 | 2,267.16 | 2,645.63 | 3,024.09 | 3,402.20 | 3,779.76 | 4,154.06 | 4,514.18 | 4,859.17 |          |
| 3/4   | 382.99 | 761.41 | 1,139.71 | 1,518.12 | 1,896.58 | 2,275.05 | 2,653.51 | 3,031.98 | 3,410.07 | 3,787.63 | 4,161.73 | 4,521.53 | 4,866.19 |          |



AI - 519

COMPARTMENT: 3 PORT  
COMPUTED IN: BARRELS  
GAUGE HEIGHT: 14' - 01 3/4"  
GAUGE TYPE: 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 (MMO), THE TOTAL HEIGHT TO TOP OF VALVE IS: 15' - 03 5/8"  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED OCTOBER 23, 1996 BY CALLED 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   | 24.84  | 365.06 | 715.07   | 1,061.32 | 1,410.26 | 1,760.58 | 2,110.91 | 2,461.24 | 2,811.56 | 3,161.89 | 3,486.27 | 3,760.61 | 4,026.38 | 4,280.82 |
| 1/4 | 29.49  | 372.36 | 722.34   | 1,068.51 | 1,417.56 | 1,767.88 | 2,118.21 | 2,468.54 | 2,818.86 | 3,169.19 | 3,492.00 | 3,766.26 | 4,031.79 | 4,286.00 |
| 1/2 | 34.54  | 379.66 | 729.61   | 1,075.70 | 1,424.86 | 1,775.18 | 2,125.51 | 2,475.84 | 2,826.16 | 3,176.49 | 3,497.73 | 3,771.91 | 4,037.20 | 4,291.18 |
| 3/4 | 40.01  | 386.95 | 736.89   | 1,082.89 | 1,432.15 | 1,782.48 | 2,132.81 | 2,483.13 | 2,833.46 | 3,183.79 | 3,503.45 | 3,777.55 | 4,042.61 | 4,296.35 |
| 1   | 45.88  | 394.25 | 744.16   | 1,090.09 | 1,439.45 | 1,789.78 | 2,140.11 | 2,490.43 | 2,840.76 | 3,191.09 | 3,509.18 | 3,783.19 | 4,048.01 | 4,301.51 |
| 1/4 | 52.15  | 401.54 | 751.43   | 1,097.28 | 1,446.75 | 1,797.08 | 2,147.40 | 2,497.73 | 2,848.06 | 3,198.38 | 3,514.90 | 3,788.82 | 4,053.41 | 4,306.68 |
| 1/2 | 58.84  | 408.83 | 758.70   | 1,104.47 | 1,454.05 | 1,804.38 | 2,154.70 | 2,505.03 | 2,855.36 | 3,205.68 | 3,520.63 | 3,794.45 | 4,058.80 | 4,311.83 |
| 3/4 | 65.93  | 416.12 | 765.97   | 1,111.66 | 1,461.35 | 1,811.67 | 2,162.00 | 2,512.33 | 2,862.65 | 3,212.98 | 3,526.36 | 3,800.07 | 4,064.19 | 4,316.98 |
| 2   | 73.23  | 423.40 | 773.25   | 1,118.85 | 1,468.65 | 1,818.97 | 2,169.30 | 2,519.63 | 2,869.95 | 3,220.28 | 3,532.08 | 3,805.69 | 4,069.57 | 4,322.13 |
| 1/4 | 80.52  | 430.69 | 780.52   | 1,126.04 | 1,475.94 | 1,826.27 | 2,176.60 | 2,526.92 | 2,877.25 | 3,227.58 | 3,537.81 | 3,811.30 | 4,074.95 | 4,327.27 |
| 1/2 | 87.82  | 437.98 | 787.79   | 1,133.24 | 1,483.24 | 1,833.57 | 2,183.90 | 2,534.22 | 2,884.55 | 3,234.88 | 3,543.53 | 3,816.91 | 4,080.32 | 4,332.41 |
| 3/4 | 95.11  | 445.27 | 795.06   | 1,140.43 | 1,490.54 | 1,840.87 | 2,191.19 | 2,541.52 | 2,891.85 | 3,242.17 | 3,549.26 | 3,822.51 | 4,085.69 | 4,337.54 |
| 3   | 102.41 | 452.55 | 802.33   | 1,147.62 | 1,497.84 | 1,848.17 | 2,198.49 | 2,548.82 | 2,899.15 | 3,249.47 | 3,554.99 | 3,828.11 | 4,091.05 | 4,342.66 |
| 1/4 | 109.71 | 459.84 | 809.60   | 1,154.81 | 1,505.14 | 1,855.47 | 2,205.79 | 2,556.12 | 2,906.44 | 3,256.77 | 3,560.71 | 3,833.70 | 4,096.41 | 4,347.79 |
| 1/2 | 117.00 | 467.13 | 816.80   | 1,162.11 | 1,512.44 | 1,862.76 | 2,213.09 | 2,563.42 | 2,913.74 | 3,264.07 | 3,566.44 | 3,839.29 | 4,101.76 | 4,352.90 |
| 3/4 | 124.30 | 474.42 | 823.99   | 1,169.41 | 1,519.74 | 1,870.06 | 2,220.39 | 2,570.72 | 2,921.04 | 3,271.37 | 3,572.16 | 3,844.88 | 4,107.11 | 4,357.85 |
| 4   | 131.59 | 481.70 | 831.18   | 1,176.71 | 1,527.03 | 1,877.36 | 2,227.69 | 2,578.01 | 2,928.34 | 3,278.67 | 3,577.89 | 3,850.45 | 4,112.45 | 4,362.62 |
| 1/4 | 138.89 | 488.99 | 838.37   | 1,184.01 | 1,534.33 | 1,884.66 | 2,234.99 | 2,585.31 | 2,935.64 | 3,285.92 | 3,583.62 | 3,856.03 | 4,117.79 | 4,367.22 |
| 1/2 | 146.18 | 496.28 | 845.56   | 1,191.30 | 1,541.63 | 1,891.96 | 2,242.28 | 2,592.61 | 2,942.94 | 3,293.12 | 3,589.34 | 3,861.60 | 4,123.12 | 4,371.65 |
| 3/4 | 153.48 | 503.56 | 852.75   | 1,198.60 | 1,548.93 | 1,899.26 | 2,249.58 | 2,599.91 | 2,950.24 | 3,300.27 | 3,595.07 | 3,867.16 | 4,128.45 | 4,375.91 |
| 5   | 160.78 | 510.85 | 859.95   | 1,205.90 | 1,556.23 | 1,906.55 | 2,256.88 | 2,607.21 | 2,957.53 | 3,307.37 | 3,600.79 | 3,872.72 | 4,133.77 | 4,380.00 |
| 1/4 | 168.07 | 518.14 | 867.14   | 1,213.20 | 1,563.53 | 1,913.85 | 2,264.18 | 2,614.51 | 2,964.83 | 3,314.42 | 3,606.52 | 3,878.27 | 4,139.09 | 4,383.91 |
| 1/2 | 175.37 | 525.43 | 874.33   | 1,220.50 | 1,570.82 | 1,921.15 | 2,271.48 | 2,621.80 | 2,972.13 | 3,321.43 | 3,612.25 | 3,883.82 | 4,144.40 | 4,387.65 |
| 3/4 | 182.66 | 532.73 | 881.52   | 1,227.80 | 1,578.12 | 1,928.45 | 2,278.78 | 2,629.10 | 2,979.43 | 3,328.38 | 3,617.97 | 3,889.37 | 4,149.71 | 4,391.22 |
| 6   | 189.96 | 540.03 | 888.71   | 1,235.10 | 1,585.42 | 1,935.75 | 2,286.07 | 2,636.40 | 2,986.73 | 3,335.29 | 3,623.70 | 3,894.91 | 4,155.01 | 4,394.62 |
| 1/4 | 197.26 | 547.32 | 895.91   | 1,242.39 | 1,592.72 | 1,943.05 | 2,293.37 | 2,643.70 | 2,994.03 | 3,342.14 | 3,629.42 | 3,900.44 | 4,160.31 | 4,397.85 |
| 1/2 | 204.55 | 554.62 | 903.10   | 1,249.69 | 1,600.02 | 1,950.35 | 2,300.67 | 2,651.00 | 3,001.32 | 3,348.95 | 3,635.15 | 3,905.97 | 4,165.61 | 4,400.90 |
| 3/4 | 211.85 | 561.92 | 910.29   | 1,256.99 | 1,607.32 | 1,957.64 | 2,307.97 | 2,658.30 | 3,008.62 | 3,355.71 | 3,640.88 | 3,911.49 | 4,170.89 | 4,403.78 |
| 7   | 219.14 | 569.21 | 917.48   | 1,264.29 | 1,614.62 | 1,964.94 | 2,315.27 | 2,665.60 | 3,015.92 | 3,362.42 | 3,646.60 | 3,917.01 | 4,176.18 | 4,406.50 |
| 1/4 | 226.44 | 576.51 | 924.67   | 1,271.59 | 1,621.91 | 1,972.24 | 2,322.57 | 2,672.89 | 3,023.22 | 3,369.08 | 3,652.33 | 3,922.53 | 4,181.46 | 4,409.03 |
| 1/2 | 233.74 | 583.81 | 931.87   | 1,278.89 | 1,629.21 | 1,979.54 | 2,329.87 | 2,680.19 | 3,030.52 | 3,375.69 | 3,658.05 | 3,928.04 | 4,186.73 | 4,411.40 |
| 3/4 | 241.03 | 591.10 | 939.06   | 1,286.18 | 1,636.51 | 1,986.84 | 2,337.16 | 2,687.49 | 3,037.82 | 3,382.25 | 3,663.78 | 3,933.54 | 4,192.00 | 4,413.60 |
| 8   | 248.33 | 598.40 | 946.25   | 1,293.48 | 1,643.81 | 1,994.14 | 2,344.46 | 2,694.79 | 3,045.12 | 3,388.76 | 3,669.51 | 3,939.04 | 4,197.26 | 4,415.62 |
| 1/4 | 255.62 | 605.70 | 953.44   | 1,300.78 | 1,651.11 | 2,001.43 | 2,351.76 | 2,702.09 | 3,052.41 | 3,395.22 | 3,675.23 | 3,944.54 | 4,202.52 | 4,417.47 |
| 1/2 | 262.92 | 612.99 | 960.63   | 1,308.08 | 1,658.41 | 2,008.73 | 2,359.06 | 2,709.39 | 3,059.71 | 3,401.64 | 3,680.90 | 3,950.03 | 4,207.78 | 4,419.15 |
| 3/4 | 270.22 | 620.29 | 967.82   | 1,315.38 | 1,665.70 | 2,016.03 | 2,366.36 | 2,716.68 | 3,067.01 | 3,408.00 | 3,686.68 | 3,955.51 | 4,213.03 | 4,420.66 |
| 9   | 277.51 | 627.59 | 975.02   | 1,322.68 | 1,673.00 | 2,023.33 | 2,373.66 | 2,723.98 | 3,074.31 | 3,414.32 | 3,692.40 | 3,960.99 | 4,218.27 | 4,422.00 |
| 1/4 | 284.81 | 634.88 | 982.21   | 1,329.98 | 1,680.30 | 2,030.63 | 2,380.95 | 2,731.28 | 3,081.61 | 3,420.58 | 3,698.11 | 3,966.47 | 4,223.51 | 4,423.16 |
| 1/2 | 292.11 | 642.18 | 989.40   | 1,337.27 | 1,687.60 | 2,037.93 | 2,388.25 | 2,738.58 | 3,088.91 | 3,426.80 | 3,703.81 | 3,971.94 | 4,228.75 | 4,424.16 |
| 3/4 | 299.40 | 649.48 | 996.59   | 1,344.57 | 1,694.90 | 2,045.23 | 2,395.55 | 2,745.88 | 3,096.21 | 3,432.97 | 3,709.51 | 3,977.41 | 4,233.98 | 4,424.98 |
| 10  | 306.70 | 656.77 | 1,003.78 | 1,351.87 | 1,702.20 | 2,052.52 | 2,402.85 | 2,753.18 | 3,103.50 | 3,439.09 | 3,715.21 | 3,982.87 | 4,239.20 | 4,425.63 |
| 1/4 | 314.00 | 664.07 | 1,010.98 | 1,359.17 | 1,709.50 | 2,059.82 | 2,410.15 | 2,760.48 | 3,110.80 | 3,445.16 | 3,720.90 | 3,988.32 | 4,244.42 | 4,426.10 |
| 1/2 | 321.29 | 671.37 | 1,018.17 | 1,366.47 | 1,716.79 | 2,067.12 | 2,417.45 | 2,767.77 | 3,118.10 | 3,451.18 | 3,726.59 | 3,993.77 | 4,249.64 |          |
| 3/4 | 328.58 | 678.66 | 1,025.36 | 1,373.77 | 1,724.09 | 2,074.42 | 2,424.75 | 2,775.07 | 3,125.40 | 3,457.15 | 3,732.97 | 3,999.22 | 4,254.85 |          |
| 11  | 335.88 | 685.96 | 1,032.55 | 1,381.06 | 1,731.39 | 2,081.72 | 2,432.04 | 2,782.37 | 3,132.70 | 3,463.07 | 3,739.25 | 4,004.66 | 4,260.05 |          |
| 1/4 | 343.18 | 693.26 | 1,039.74 | 1,388.36 | 1,738.69 | 2,089.02 | 2,439.34 | 2,789.67 | 3,140.00 | 3,468.95 | 3,743.62 | 4,010.10 | 4,265.25 |          |
| 1/2 | 350.47 | 700.53 | 1,046.93 | 1,395.66 | 1,745.99 | 2,096.31 | 2,446.64 | 2,796.97 | 3,147.29 | 3,474.77 | 3,749.29 | 4,015.53 | 4,270.45 |          |
| 3/4 | 357.77 | 707.80 | 1,054.13 | 1,402.96 | 1,753.29 | 2,103.61 | 2,453.94 | 2,804.27 | 3,154.59 | 3,480.55 | 3,754.95 | 4,020.95 | 4,275.64 |          |

# AI - 519

COMPARTMENT: 3 STARBOARD GAUGE HEIGHT 14' - 00 1/2"  
COMPUTED IN: BARRELS GAUGE TYPE INNAGE

THIS TABLE IS SCALED FROM THE BOTTOM STRIKE PLATE BELOW THE GAUGE HEIGHT TO TOP OF TANK AT THE CENTERLINE  
IF GAUGING FROM VAPOR LOCK VALVE (MMC), THE TOTAL HEIGHT TO TOP OF VALVE IS : 15' - 02 1/2"  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED OCTOBER 23, 1996 BY CALIB 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   | 25.78  | 363.86 | 716.09   | 1,068.20 | 1,420.42 | 1,772.70 | 2,124.97 | 2,477.25 | 2,829.52 | 3,181.38 | 3,510.74 | 3,783.44 | 4,045.98 | 4,297.89 |
| 1/4 | 30.15  | 371.20 | 723.43   | 1,075.54 | 1,427.76 | 1,780.04 | 2,132.31 | 2,484.59 | 2,836.86 | 3,188.70 | 3,516.48 | 3,789.04 | 4,051.34 | 4,303.02 |
| 1/2 | 34.86  | 378.54 | 730.77   | 1,082.87 | 1,435.10 | 1,787.38 | 2,139.65 | 2,491.92 | 2,844.20 | 3,196.02 | 3,522.23 | 3,794.63 | 4,056.70 | 4,308.14 |
| 3/4 | 39.93  | 385.88 | 738.11   | 1,090.20 | 1,442.44 | 1,794.72 | 2,146.99 | 2,499.26 | 2,851.54 | 3,203.34 | 3,527.98 | 3,800.22 | 4,062.05 | 4,313.27 |
| 1   | 45.35  | 393.22 | 745.44   | 1,097.54 | 1,449.78 | 1,802.05 | 2,154.33 | 2,506.60 | 2,858.88 | 3,210.67 | 3,533.72 | 3,805.80 | 4,067.40 | 4,318.38 |
| 1/4 | 51.11  | 400.55 | 752.78   | 1,104.87 | 1,457.12 | 1,809.39 | 2,161.67 | 2,513.94 | 2,866.22 | 3,217.99 | 3,539.47 | 3,811.37 | 4,072.74 | 4,323.49 |
| 1/2 | 57.23  | 407.89 | 760.12   | 1,112.21 | 1,464.46 | 1,816.73 | 2,169.01 | 2,521.28 | 2,873.55 | 3,225.31 | 3,545.22 | 3,816.95 | 4,078.08 | 4,328.60 |
| 3/4 | 63.69  | 415.23 | 767.46   | 1,119.54 | 1,471.80 | 1,824.07 | 2,176.35 | 2,528.62 | 2,880.89 | 3,232.63 | 3,550.97 | 3,822.51 | 4,083.41 | 4,333.70 |
| 2   | 70.50  | 422.57 | 774.79   | 1,126.88 | 1,479.14 | 1,831.41 | 2,183.68 | 2,535.96 | 2,888.23 | 3,239.95 | 3,556.71 | 3,828.08 | 4,088.74 | 4,338.80 |
| 1/4 | 77.67  | 429.90 | 782.13   | 1,134.21 | 1,486.48 | 1,838.75 | 2,191.02 | 2,543.30 | 2,895.57 | 3,247.27 | 3,562.46 | 3,833.63 | 4,094.06 | 4,343.89 |
| 1/2 | 85.01  | 437.24 | 789.47   | 1,141.55 | 1,493.81 | 1,846.09 | 2,198.36 | 2,550.64 | 2,902.91 | 3,254.59 | 3,568.21 | 3,839.19 | 4,099.38 | 4,348.97 |
| 3/4 | 92.34  | 444.58 | 796.81   | 1,148.88 | 1,501.15 | 1,853.43 | 2,205.70 | 2,557.98 | 2,910.25 | 3,261.91 | 3,573.96 | 3,844.74 | 4,104.70 | 4,354.06 |
| 3   | 99.68  | 451.92 | 804.15   | 1,156.22 | 1,508.49 | 1,860.77 | 2,213.04 | 2,565.31 | 2,917.59 | 3,269.23 | 3,579.70 | 3,850.28 | 4,110.01 | 4,359.13 |
| 1/4 | 107.02 | 459.25 | 811.48   | 1,163.56 | 1,515.83 | 1,868.11 | 2,220.38 | 2,572.65 | 2,924.93 | 3,276.55 | 3,585.45 | 3,865.78 | 4,115.31 | 4,364.20 |
| 1/2 | 114.36 | 466.59 | 818.82   | 1,170.90 | 1,523.17 | 1,875.44 | 2,227.72 | 2,579.99 | 2,932.27 | 3,283.87 | 3,591.20 | 3,861.27 | 4,120.61 | 4,369.27 |
| 3/4 | 121.70 | 473.93 | 826.15   | 1,178.24 | 1,530.51 | 1,882.78 | 2,235.06 | 2,587.33 | 2,939.61 | 3,291.19 | 3,596.94 | 3,866.76 | 4,125.90 | 4,374.33 |
| 4   | 129.04 | 481.27 | 833.49   | 1,185.57 | 1,537.85 | 1,890.12 | 2,242.40 | 2,594.67 | 2,946.94 | 3,298.51 | 3,602.69 | 3,872.25 | 4,131.19 | 4,379.39 |
| 1/4 | 136.37 | 488.61 | 840.82   | 1,192.91 | 1,545.19 | 1,897.46 | 2,249.74 | 2,602.01 | 2,954.28 | 3,305.83 | 3,608.44 | 3,877.73 | 4,136.48 | 4,384.44 |
| 1/2 | 143.71 | 495.94 | 848.15   | 1,200.25 | 1,552.53 | 1,904.80 | 2,257.07 | 2,609.35 | 2,961.62 | 3,313.15 | 3,614.19 | 3,883.21 | 4,141.76 | 4,389.49 |
| 3/4 | 151.05 | 503.28 | 855.49   | 1,207.59 | 1,559.87 | 1,912.14 | 2,264.41 | 2,616.69 | 2,968.96 | 3,320.47 | 3,619.93 | 3,888.68 | 4,147.03 | 4,394.53 |
| 5   | 158.39 | 510.62 | 862.82   | 1,214.93 | 1,567.20 | 1,919.48 | 2,271.75 | 2,624.03 | 2,976.30 | 3,327.79 | 3,625.68 | 3,894.14 | 4,152.30 | 4,399.57 |
| 1/4 | 165.73 | 517.96 | 870.16   | 1,222.27 | 1,574.54 | 1,926.82 | 2,279.09 | 2,631.32 | 2,983.64 | 3,335.11 | 3,631.32 | 3,899.61 | 4,157.57 | 4,404.60 |
| 1/2 | 173.07 | 525.30 | 877.49   | 1,229.61 | 1,581.88 | 1,934.16 | 2,286.43 | 2,638.70 | 2,990.98 | 3,342.43 | 3,636.96 | 3,905.06 | 4,162.83 | 4,409.40 |
| 3/4 | 180.40 | 532.63 | 884.83   | 1,236.95 | 1,589.22 | 1,941.50 | 2,293.77 | 2,646.04 | 2,998.32 | 3,349.69 | 3,642.60 | 3,910.51 | 4,168.08 | 4,413.97 |
| 6   | 187.74 | 539.97 | 892.16   | 1,244.29 | 1,596.56 | 1,948.83 | 2,301.11 | 2,653.38 | 3,005.66 | 3,356.88 | 3,648.24 | 3,915.96 | 4,173.33 | 4,418.30 |
| 1/4 | 195.08 | 547.31 | 899.50   | 1,251.63 | 1,603.90 | 1,956.17 | 2,308.45 | 2,660.72 | 3,012.98 | 3,364.02 | 3,653.88 | 3,921.40 | 4,178.58 | 4,422.39 |
| 1/2 | 202.42 | 554.65 | 906.83   | 1,258.97 | 1,611.24 | 1,963.51 | 2,315.79 | 2,668.06 | 3,020.30 | 3,371.08 | 3,659.52 | 3,928.84 | 4,183.82 | 4,426.25 |
| 3/4 | 209.76 | 561.99 | 914.17   | 1,266.30 | 1,618.58 | 1,970.85 | 2,323.13 | 2,675.40 | 3,027.62 | 3,378.09 | 3,665.16 | 3,932.27 | 4,188.05 | 4,429.88 |
| 7   | 217.10 | 569.33 | 921.50   | 1,273.64 | 1,625.92 | 1,978.19 | 2,330.47 | 2,682.74 | 3,034.95 | 3,385.03 | 3,670.80 | 3,937.70 | 4,194.29 | 4,433.27 |
| 1/4 | 224.43 | 576.66 | 928.84   | 1,280.98 | 1,633.26 | 1,985.53 | 2,337.80 | 2,690.08 | 3,042.27 | 3,391.91 | 3,676.45 | 3,943.16 | 4,199.51 | 4,436.43 |
| 1/2 | 231.77 | 584.00 | 936.17   | 1,288.32 | 1,640.60 | 1,992.87 | 2,345.14 | 2,697.42 | 3,049.59 | 3,398.73 | 3,682.09 | 3,948.61 | 4,204.73 | 4,439.35 |
| 3/4 | 239.11 | 591.34 | 943.51   | 1,295.66 | 1,647.93 | 2,000.21 | 2,352.48 | 2,704.76 | 3,056.91 | 3,405.48 | 3,687.73 | 3,954.07 | 4,209.95 | 4,442.04 |
| 8   | 246.45 | 598.68 | 950.84   | 1,303.00 | 1,655.27 | 2,007.55 | 2,359.82 | 2,712.10 | 3,064.24 | 3,412.18 | 3,693.37 | 3,959.51 | 4,215.16 | 4,444.49 |
| 1/4 | 253.79 | 606.02 | 958.18   | 1,310.34 | 1,662.61 | 2,014.89 | 2,367.16 | 2,719.43 | 3,071.56 | 3,418.80 | 3,699.01 | 3,964.95 | 4,220.37 | 4,446.71 |
| 1/2 | 261.13 | 613.36 | 965.51   | 1,317.68 | 1,669.95 | 2,022.23 | 2,374.50 | 2,726.77 | 3,078.88 | 3,425.37 | 3,704.65 | 3,970.39 | 4,225.57 | 4,448.70 |
| 3/4 | 268.46 | 620.69 | 972.85   | 1,325.02 | 1,677.90 | 2,029.56 | 2,381.84 | 2,734.11 | 3,086.20 | 3,431.87 | 3,710.29 | 3,975.82 | 4,230.77 | 4,450.45 |
| 9   | 275.80 | 628.03 | 980.18   | 1,332.36 | 1,684.93 | 2,036.90 | 2,389.18 | 2,741.45 | 3,093.52 | 3,438.31 | 3,715.93 | 3,981.24 | 4,235.96 | 4,451.97 |
| 1/4 | 283.14 | 635.37 | 987.52   | 1,339.69 | 1,691.97 | 2,044.24 | 2,396.52 | 2,748.79 | 3,100.85 | 3,444.69 | 3,721.57 | 3,986.66 | 4,241.14 | 4,453.25 |
| 1/2 | 290.48 | 642.71 | 994.85   | 1,347.03 | 1,699.31 | 2,051.58 | 2,403.86 | 2,756.13 | 3,108.17 | 3,451.00 | 3,727.21 | 3,992.08 | 4,246.33 | 4,454.30 |
| 3/4 | 297.82 | 650.05 | 1,002.19 | 1,354.37 | 1,706.65 | 2,058.92 | 2,411.19 | 2,763.47 | 3,115.49 | 3,457.25 | 3,732.85 | 3,997.49 | 4,251.50 | 4,455.11 |
| 10  | 305.16 | 657.39 | 1,009.52 | 1,361.71 | 1,713.99 | 2,066.26 | 2,418.53 | 2,770.81 | 3,122.81 | 3,463.44 | 3,738.49 | 4,002.90 | 4,256.84 | 4,456.69 |
| 1/4 | 312.49 | 664.73 | 1,016.86 | 1,369.05 | 1,721.32 | 2,073.60 | 2,425.87 | 2,778.15 | 3,130.14 | 3,469.56 | 3,744.13 | 4,008.30 | 4,261.84 | 4,457.32 |
| 1/2 | 319.83 | 672.06 | 1,024.19 | 1,376.39 | 1,728.66 | 2,080.94 | 2,433.21 | 2,785.49 | 3,137.46 | 3,475.62 | 3,749.76 | 4,013.70 | 4,267.01 | 4,457.32 |
| 3/4 | 327.17 | 679.40 | 1,031.53 | 1,383.00 | 1,736.00 | 2,088.28 | 2,440.55 | 2,792.82 | 3,144.78 | 3,481.62 | 3,755.38 | 4,018.09 | 4,272.32 | 4,457.32 |
| 11  | 334.51 | 686.74 | 1,038.86 | 1,391.07 | 1,743.34 | 2,095.62 | 2,447.89 | 2,800.16 | 3,152.10 | 3,487.56 | 3,761.00 | 4,024.48 | 4,277.32 | 4,457.32 |
| 1/4 | 341.85 | 694.08 | 1,046.20 | 1,398.41 | 1,750.68 | 2,102.95 | 2,455.23 | 2,807.50 | 3,159.42 | 3,493.43 | 3,766.62 | 4,029.86 | 4,282.47 | 4,457.32 |
| 1/2 | 349.19 | 701.42 | 1,053.53 | 1,405.75 | 1,758.02 | 2,110.29 | 2,462.57 | 2,814.84 | 3,166.74 | 3,499.24 | 3,772.23 | 4,035.24 | 4,287.61 | 4,457.32 |
| 3/4 | 356.52 | 708.75 | 1,060.87 | 1,413.08 | 1,765.36 | 2,117.63 | 2,469.91 | 2,822.18 | 3,174.06 | 3,504.99 | 3,777.84 | 4,040.61 | 4,292.75 | 4,457.32 |