

## AI - 511

COMPARTMENT: 1 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 (MMO), THE TOTAL HEIGHT TO TOP OF VALVE IS: 15' - 02 1/4"  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED JULY 28, 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   | 18.78  | 286.81 | 605.09 | 956.16   | 1,309.33 | 1,662.54 | 2,015.76 | 2,368.98 | 2,722.20 | 3,075.03 | 3,427.34 | 3,776.33 | 4,112.14 | 4,434.03 |
| 1/4 | 22.23  | 293.00 | 612.18 | 963.51   | 1,316.68 | 1,669.90 | 2,023.12 | 2,376.34 | 2,729.56 | 3,082.37 | 3,434.68 | 3,783.49 | 4,118.99 | 4,440.58 |
| 1/2 | 25.99  | 299.20 | 619.29 | 970.87   | 1,324.04 | 1,677.26 | 2,030.48 | 2,383.70 | 2,736.92 | 3,089.71 | 3,442.02 | 3,790.64 | 4,125.84 | 4,447.13 |
| 3/4 | 30.04  | 305.43 | 626.42 | 978.22   | 1,331.40 | 1,684.62 | 2,037.84 | 2,391.06 | 2,744.28 | 3,097.05 | 3,449.36 | 3,797.78 | 4,132.68 | 4,453.67 |
| 1   | 34.39  | 311.67 | 633.57 | 985.58   | 1,338.76 | 1,691.98 | 2,045.20 | 2,398.42 | 2,751.64 | 3,104.39 | 3,456.70 | 3,804.92 | 4,139.52 | 4,460.21 |
| 1/4 | 39.04  | 317.93 | 640.74 | 992.93   | 1,346.12 | 1,699.34 | 2,052.56 | 2,405.78 | 2,759.00 | 3,111.73 | 3,464.04 | 3,812.05 | 4,146.35 | 4,466.73 |
| 1/2 | 44.00  | 324.21 | 647.93 | 1,000.29 | 1,353.48 | 1,706.70 | 2,059.92 | 2,413.14 | 2,766.35 | 3,119.07 | 3,471.38 | 3,819.18 | 4,153.17 | 4,473.26 |
| 3/4 | 49.39  | 330.51 | 655.14 | 1,007.64 | 1,360.84 | 1,714.06 | 2,067.27 | 2,420.49 | 2,773.71 | 3,126.41 | 3,478.72 | 3,826.30 | 4,159.98 | 4,479.77 |
| 2   | 54.80  | 336.83 | 662.36 | 1,015.00 | 1,368.20 | 1,721.41 | 2,074.63 | 2,427.85 | 2,781.07 | 3,133.75 | 3,486.06 | 3,833.41 | 4,166.79 | 4,486.28 |
| 1/4 | 60.24  | 343.17 | 669.60 | 1,022.35 | 1,375.55 | 1,728.77 | 2,081.99 | 2,435.21 | 2,788.43 | 3,141.09 | 3,493.40 | 3,840.51 | 4,173.60 | 4,492.78 |
| 1/2 | 65.69  | 349.53 | 676.87 | 1,029.71 | 1,382.91 | 1,736.13 | 2,089.35 | 2,442.57 | 2,795.79 | 3,148.43 | 3,500.74 | 3,847.61 | 4,180.40 | 4,499.28 |
| 3/4 | 71.16  | 355.90 | 684.15 | 1,037.06 | 1,390.27 | 1,743.49 | 2,096.71 | 2,449.83 | 2,803.15 | 3,155.77 | 3,508.08 | 3,854.71 | 4,187.19 | 4,505.77 |
| 3   | 76.64  | 362.30 | 691.45 | 1,044.41 | 1,397.63 | 1,750.85 | 2,104.07 | 2,457.29 | 2,810.51 | 3,163.11 | 3,515.42 | 3,861.80 | 4,193.97 | 4,512.25 |
| 1/4 | 82.15  | 368.71 | 698.77 | 1,051.77 | 1,404.99 | 1,758.91 | 2,111.43 | 2,464.65 | 2,817.87 | 3,170.45 | 3,522.76 | 3,868.88 | 4,200.75 | 4,518.73 |
| 1/2 | 87.68  | 375.14 | 706.11 | 1,059.13 | 1,412.35 | 1,765.57 | 2,118.79 | 2,472.01 | 2,825.22 | 3,177.79 | 3,530.10 | 3,875.91 | 4,207.52 | 4,525.20 |
| 3/4 | 93.22  | 381.59 | 713.46 | 1,066.49 | 1,419.71 | 1,772.93 | 2,126.14 | 2,479.36 | 2,832.58 | 3,185.13 | 3,537.43 | 3,882.94 | 4,214.29 | 4,531.67 |
| 4   | 98.79  | 388.06 | 720.82 | 1,073.85 | 1,427.07 | 1,780.28 | 2,133.50 | 2,486.72 | 2,839.94 | 3,192.47 | 3,544.77 | 3,889.97 | 4,221.05 | 4,538.13 |
| 1/4 | 104.37 | 394.55 | 728.17 | 1,081.20 | 1,434.42 | 1,787.64 | 2,140.86 | 2,494.08 | 2,847.30 | 3,199.81 | 3,552.11 | 3,896.99 | 4,227.80 | 4,544.58 |
| 1/2 | 109.97 | 401.06 | 735.52 | 1,088.56 | 1,441.78 | 1,795.00 | 2,148.22 | 2,501.44 | 2,854.66 | 3,207.15 | 3,559.45 | 3,904.00 | 4,234.55 | 4,550.78 |
| 3/4 | 115.59 | 407.59 | 742.88 | 1,095.92 | 1,449.14 | 1,802.36 | 2,155.58 | 2,508.80 | 2,862.02 | 3,214.49 | 3,566.79 | 3,911.00 | 4,241.29 | 4,556.72 |
| 5   | 121.23 | 414.13 | 750.23 | 1,103.28 | 1,456.50 | 1,809.72 | 2,162.94 | 2,516.16 | 2,869.38 | 3,221.83 | 3,574.13 | 3,918.00 | 4,248.02 | 4,562.41 |
| 1/4 | 126.89 | 420.70 | 757.59 | 1,110.64 | 1,463.86 | 1,817.08 | 2,170.30 | 2,523.52 | 2,876.74 | 3,229.17 | 3,581.47 | 3,925.00 | 4,254.75 | 4,567.85 |
| 1/2 | 132.57 | 427.28 | 764.94 | 1,118.00 | 1,471.22 | 1,824.44 | 2,177.66 | 2,530.88 | 2,884.09 | 3,236.51 | 3,588.70 | 3,931.98 | 4,261.47 | 4,573.03 |
| 3/4 | 138.26 | 433.88 | 772.30 | 1,125.36 | 1,478.58 | 1,831.80 | 2,185.01 | 2,538.23 | 2,891.45 | 3,243.85 | 3,595.84 | 3,938.96 | 4,268.19 | 4,577.96 |
| 6   | 143.98 | 440.50 | 779.65 | 1,132.72 | 1,485.93 | 1,839.15 | 2,192.37 | 2,545.59 | 2,898.81 | 3,251.19 | 3,603.17 | 3,945.94 | 4,274.90 | 4,582.63 |
| 1/4 | 149.71 | 447.15 | 787.01 | 1,140.07 | 1,493.29 | 1,846.51 | 2,199.73 | 2,552.95 | 2,906.17 | 3,258.53 | 3,610.40 | 3,952.90 | 4,281.60 | 4,587.05 |
| 1/2 | 155.47 | 453.80 | 794.36 | 1,147.43 | 1,500.65 | 1,853.87 | 2,207.09 | 2,560.31 | 2,913.51 | 3,265.87 | 3,617.63 | 3,959.87 | 4,288.30 | 4,591.22 |
| 3/4 | 161.24 | 460.48 | 801.72 | 1,154.79 | 1,508.01 | 1,861.23 | 2,214.45 | 2,567.67 | 2,920.85 | 3,273.21 | 3,624.87 | 3,966.82 | 4,294.99 | 4,595.13 |
| 7   | 167.03 | 467.18 | 809.07 | 1,162.15 | 1,515.37 | 1,868.59 | 2,221.81 | 2,575.03 | 2,928.20 | 3,280.55 | 3,632.10 | 3,973.77 | 4,301.67 | 4,598.79 |
| 1/4 | 172.84 | 473.90 | 816.42 | 1,169.51 | 1,522.73 | 1,875.95 | 2,229.17 | 2,582.39 | 2,935.54 | 3,287.89 | 3,639.33 | 3,980.71 | 4,308.35 | 4,602.19 |
| 1/2 | 178.67 | 480.63 | 823.78 | 1,176.87 | 1,530.09 | 1,883.31 | 2,236.53 | 2,589.75 | 2,942.88 | 3,295.23 | 3,646.56 | 3,987.69 | 4,315.02 | 4,605.34 |
| 3/4 | 184.51 | 487.38 | 831.13 | 1,184.23 | 1,537.45 | 1,890.67 | 2,243.88 | 2,597.10 | 2,950.22 | 3,302.57 | 3,653.80 | 3,994.65 | 4,321.68 | 4,608.24 |
| 8   | 190.38 | 494.16 | 838.49 | 1,191.59 | 1,544.80 | 1,898.02 | 2,251.24 | 2,604.46 | 2,957.56 | 3,309.91 | 3,661.03 | 4,001.62 | 4,328.34 | 4,610.88 |
| 1/4 | 196.27 | 500.95 | 845.84 | 1,198.94 | 1,552.16 | 1,905.38 | 2,258.60 | 2,611.82 | 2,964.91 | 3,317.25 | 3,668.26 | 4,008.57 | 4,335.00 | 4,613.27 |
| 1/2 | 202.17 | 507.76 | 853.20 | 1,206.30 | 1,559.52 | 1,912.74 | 2,265.96 | 2,619.18 | 2,972.25 | 3,324.59 | 3,675.49 | 4,015.52 | 4,341.64 | 4,615.40 |
| 3/4 | 208.09 | 514.59 | 860.55 | 1,213.66 | 1,566.88 | 1,920.10 | 2,273.32 | 2,626.54 | 2,979.59 | 3,331.93 | 3,682.73 | 4,022.46 | 4,348.28 | 4,617.28 |
| 9   | 214.00 | 521.44 | 867.91 | 1,221.02 | 1,574.24 | 1,927.46 | 2,280.68 | 2,633.90 | 2,986.93 | 3,339.27 | 3,689.96 | 4,029.40 | 4,354.91 | 4,618.91 |
| 1/4 | 220.00 | 528.30 | 875.26 | 1,228.38 | 1,581.60 | 1,934.82 | 2,288.04 | 2,641.26 | 2,994.27 | 3,346.61 | 3,697.19 | 4,036.33 | 4,361.54 | 4,620.28 |
| 1/2 | 225.97 | 535.19 | 882.62 | 1,235.74 | 1,588.96 | 1,942.18 | 2,295.40 | 2,648.61 | 3,001.62 | 3,353.95 | 3,704.42 | 4,043.25 | 4,368.16 | 4,621.40 |
| 3/4 | 231.99 | 542.10 | 889.97 | 1,243.10 | 1,596.32 | 1,949.54 | 2,302.75 | 2,656.41 | 3,008.96 | 3,361.29 | 3,711.64 | 4,050.17 | 4,374.78 | 4,622.26 |
| 10  | 237.99 | 549.02 | 897.32 | 1,250.46 | 1,603.67 | 1,956.89 | 2,310.11 | 2,663.33 | 3,016.30 | 3,368.63 | 3,718.85 | 4,057.08 | 4,381.39 | 4,622.87 |
| 1/4 | 244.03 | 555.96 | 904.68 | 1,257.81 | 1,611.03 | 1,964.25 | 2,317.47 | 2,670.69 | 3,023.64 | 3,375.97 | 3,726.06 | 4,063.98 | 4,387.99 | 4,623.23 |
| 1/2 | 250.08 | 562.92 | 912.03 | 1,265.17 | 1,618.39 | 1,971.61 | 2,324.83 | 2,678.05 | 3,030.98 | 3,383.31 | 3,733.26 | 4,070.88 | 4,394.58 | 4,623.45 |
| 3/4 | 256.16 | 569.90 | 919.39 | 1,272.53 | 1,625.75 | 1,978.97 | 2,332.19 | 2,685.41 | 3,038.33 | 3,390.65 | 3,740.45 | 4,077.77 | 4,401.17 |          |
| 11  | 262.25 | 576.90 | 926.74 | 1,279.89 | 1,633.11 | 1,986.33 | 2,339.55 | 2,692.77 | 3,045.67 | 3,397.99 | 3,747.64 | 4,084.66 | 4,407.76 |          |
| 1/4 | 268.36 | 583.92 | 934.10 | 1,287.25 | 1,640.43 | 1,993.69 | 2,346.91 | 2,700.13 | 3,053.01 | 3,405.33 | 3,754.80 | 4,091.54 | 4,414.33 |          |
| 1/2 | 274.49 | 590.96 | 941.45 | 1,294.61 | 1,647.83 | 2,001.05 | 2,354.27 | 2,707.48 | 3,060.35 | 3,412.66 | 3,762.00 | 4,098.41 | 4,420.90 |          |
| 3/4 | 280.64 | 598.01 | 948.81 | 1,301.97 | 1,655.19 | 2,008.41 | 2,361.62 | 2,714.84 | 3,067.69 | 3,420.00 | 3,769.17 | 4,105.28 | 4,427.47 |          |

# AI - 511

COMPARTMENT: **1 Starboard**  
COMPUTED IN: BARRELS

GAUGE HEIGHT  
GAUGE TYPE

**14' - 00 1/2"**  
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 JULY 28, 1996 BY CALEB BRETT

**15' - 02 3/8"**

| 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   | 20 98  | 292 95 | 612 59 | 965 14   | 1 319 73 | 1 674 38 | 2 029 02 | 2 383 67 | 2 738 32 | 3 092 57 | 3 446 31 | 3 796 57 | 4 133 19 | 4 455 89 |
| 1/4 | 24 85  | 299 16 | 619 71 | 972 52   | 1 327 12 | 1 681 77 | 2 036 41 | 2 391 06 | 2 745 70 | 3 099 94 | 3 453 68 | 3 803 74 | 4 140 06 | 4 462 46 |
| 1/2 | 29 05  | 305 39 | 626 86 | 979 91   | 1 334 51 | 1 689 15 | 2 043 80 | 2 398 45 | 2 753 09 | 3 107 31 | 3 461 05 | 3 810 91 | 4 146 92 | 4 469 02 |
| 3/4 | 33 59  | 311 64 | 634 02 | 987 29   | 1 341 90 | 1 696 54 | 2 051 19 | 2 405 84 | 2 760 48 | 3 114 68 | 3 468 42 | 3 818 07 | 4 153 78 | 4 475 58 |
| 1   | 38 47  | 317 91 | 641 20 | 994 68   | 1 349 28 | 1 703 93 | 2 058 58 | 2 413 22 | 2 767 87 | 3 122 05 | 3 475 79 | 3 825 22 | 4 160 63 | 4 482 13 |
| 1/4 | 43 85  | 324 20 | 648 40 | 1 002 06 | 1 356 67 | 1 711 32 | 2 065 97 | 2 420 61 | 2 775 26 | 3 129 42 | 3 483 16 | 3 832 37 | 4 167 48 | 4 488 67 |
| 1/2 | 49 24  | 330 50 | 655 63 | 1 009 44 | 1 364 06 | 1 718 71 | 2 073 35 | 2 428 00 | 2 782 65 | 3 136 79 | 3 490 53 | 3 839 51 | 4 174 32 | 4 495 21 |
| 3/4 | 54 65  | 336 83 | 662 87 | 1 016 83 | 1 371 45 | 1 726 10 | 2 080 74 | 2 435 39 | 2 790 04 | 3 144 16 | 3 497 90 | 3 846 65 | 4 181 15 | 4 501 74 |
| 2   | 60 08  | 343 17 | 670 12 | 1 024 21 | 1 378 84 | 1 733 48 | 2 088 13 | 2 442 78 | 2 797 42 | 3 151 53 | 3 505 27 | 3 853 78 | 4 187 98 | 4 508 27 |
| 1/4 | 65 53  | 349 54 | 677 40 | 1 031 60 | 1 386 23 | 1 740 87 | 2 095 52 | 2 450 17 | 2 804 81 | 3 158 90 | 3 512 63 | 3 860 90 | 4 194 80 | 4 514 79 |
| 1/2 | 71 00  | 355 92 | 684 70 | 1 038 98 | 1 393 62 | 1 748 26 | 2 102 91 | 2 457 55 | 2 812 20 | 3 166 27 | 3 520 00 | 3 868 02 | 4 201 61 | 4 521 30 |
| 3/4 | 76 49  | 362 32 | 692 01 | 1 046 37 | 1 401 00 | 1 755 65 | 2 110 30 | 2 464 94 | 2 819 59 | 3 173 64 | 3 527 37 | 3 875 13 | 4 208 42 | 4 527 81 |
| 3   | 82 00  | 368 74 | 699 35 | 1 053 75 | 1 408 39 | 1 763 04 | 2 117 68 | 2 472 33 | 2 826 98 | 3 181 01 | 3 534 74 | 3 882 23 | 4 215 22 | 4 534 31 |
| 1/4 | 87 52  | 375 18 | 706 70 | 1 061 13 | 1 415 78 | 1 770 43 | 2 125 07 | 2 479 72 | 2 834 37 | 3 188 38 | 3 542 11 | 3 889 33 | 4 222 02 | 4 540 81 |
| 1/2 | 93 07  | 381 64 | 714 07 | 1 068 52 | 1 423 17 | 1 777 82 | 2 132 46 | 2 487 11 | 2 841 75 | 3 195 75 | 3 549 48 | 3 896 39 | 4 228 81 | 4 547 29 |
| 3/4 | 98 63  | 388 12 | 721 46 | 1 075 91 | 1 430 56 | 1 785 20 | 2 139 85 | 2 494 50 | 2 849 14 | 3 203 12 | 3 556 85 | 3 903 43 | 4 235 59 | 4 553 55 |
| 4   | 104 22 | 394 61 | 728 84 | 1 083 30 | 1 437 95 | 1 792 59 | 2 147 24 | 2 501 89 | 2 856 53 | 3 210 49 | 3 564 22 | 3 910 48 | 4 242 37 | 4 559 57 |
| 1/4 | 109 82 | 401 13 | 736 23 | 1 090 69 | 1 445 33 | 1 799 98 | 2 154 63 | 2 509 27 | 2 863 92 | 3 217 86 | 3 571 59 | 3 917 51 | 4 249 14 | 4 565 35 |
| 1/2 | 115 44 | 407 67 | 743 61 | 1 098 08 | 1 452 72 | 1 807 37 | 2 162 02 | 2 516 66 | 2 871 31 | 3 225 23 | 3 578 96 | 3 924 54 | 4 255 90 | 4 570 90 |
| 3/4 | 121 08 | 414 22 | 750 99 | 1 105 46 | 1 460 11 | 1 814 76 | 2 169 40 | 2 524 05 | 2 878 70 | 3 232 60 | 3 586 33 | 3 931 56 | 4 262 66 | 4 576 22 |
| 5   | 126 74 | 420 79 | 758 38 | 1 112 85 | 1 467 50 | 1 822 15 | 2 176 79 | 2 531 44 | 2 886 09 | 3 239 97 | 3 593 69 | 3 938 58 | 4 269 41 | 4 581 30 |
| 1/4 | 132 42 | 427 38 | 765 76 | 1 120 24 | 1 474 89 | 1 829 53 | 2 184 18 | 2 538 83 | 2 893 47 | 3 247 34 | 3 601 06 | 3 945 59 | 4 276 15 | 4 586 14 |
| 1/2 | 138 12 | 434 00 | 773 15 | 1 127 63 | 1 482 28 | 1 836 92 | 2 191 57 | 2 546 22 | 2 900 86 | 3 254 71 | 3 608 33 | 3 952 59 | 4 282 89 | 4 590 76 |
| 3/4 | 143 84 | 440 63 | 780 53 | 1 135 02 | 1 489 67 | 1 844 31 | 2 198 96 | 2 553 60 | 2 908 25 | 3 262 08 | 3 615 59 | 3 959 59 | 4 289 62 | 4 596 13 |
| 6   | 149 57 | 447 28 | 787 92 | 1 142 41 | 1 497 05 | 1 851 70 | 2 206 35 | 2 560 99 | 2 915 64 | 3 269 45 | 3 622 85 | 3 966 58 | 4 296 35 | 4 599 28 |
| 1/4 | 155 33 | 453 95 | 795 30 | 1 149 80 | 1 504 44 | 1 859 09 | 2 213 74 | 2 568 38 | 2 923 03 | 3 276 82 | 3 630 11 | 3 973 56 | 4 303 07 | 4 603 19 |
| 1/2 | 161 10 | 460 63 | 802 68 | 1 157 18 | 1 511 83 | 1 866 48 | 2 221 12 | 2 575 77 | 2 930 40 | 3 284 19 | 3 637 37 | 3 980 54 | 4 309 76 | 4 606 86 |
| 3/4 | 166 89 | 467 34 | 810 07 | 1 164 57 | 1 519 22 | 1 873 87 | 2 228 51 | 2 583 16 | 2 937 77 | 3 291 56 | 3 644 64 | 3 987 51 | 4 316 40 | 4 610 30 |
| 7   | 172 71 | 474 07 | 817 45 | 1 171 96 | 1 526 61 | 1 881 25 | 2 236 90 | 2 590 55 | 2 945 14 | 3 298 93 | 3 651 90 | 3 994 48 | 4 323 19 | 4 613 51 |
| 1/4 | 178 54 | 480 81 | 824 84 | 1 179 35 | 1 534 00 | 1 888 64 | 2 243 29 | 2 597 94 | 2 952 51 | 3 306 30 | 3 659 16 | 4 001 44 | 4 329 89 | 4 616 48 |
| 1/2 | 184 39 | 487 58 | 832 22 | 1 186 74 | 1 541 38 | 1 896 03 | 2 250 68 | 2 605 32 | 2 959 89 | 3 313 67 | 3 666 42 | 4 008 43 | 4 336 57 | 4 619 21 |
| 3/4 | 190 26 | 494 38 | 839 61 | 1 194 13 | 1 548 77 | 1 903 42 | 2 258 07 | 2 612 71 | 2 967 26 | 3 321 03 | 3 673 68 | 4 015 42 | 4 343 26 | 4 621 71 |
| 8   | 196 14 | 501 16 | 846 99 | 1 201 52 | 1 556 16 | 1 910 81 | 2 265 45 | 2 620 10 | 2 974 63 | 3 328 40 | 3 680 95 | 4 022 39 | 4 349 93 | 4 623 98 |
| 1/4 | 202 05 | 507 98 | 854 37 | 1 208 90 | 1 563 55 | 1 918 20 | 2 272 84 | 2 627 49 | 2 982 00 | 3 335 77 | 3 688 21 | 4 029 37 | 4 356 60 | 4 626 01 |
| 1/2 | 207 98 | 514 82 | 861 76 | 1 216 29 | 1 570 94 | 1 925 58 | 2 280 23 | 2 634 88 | 2 989 37 | 3 343 14 | 3 695 47 | 4 036 33 | 4 363 26 | 4 627 81 |
| 3/4 | 213 92 | 521 68 | 869 14 | 1 223 68 | 1 578 33 | 1 932 97 | 2 287 62 | 2 642 27 | 2 996 74 | 3 350 51 | 3 702 73 | 4 043 29 | 4 369 92 | 4 629 38 |
| 9   | 219 89 | 528 56 | 876 53 | 1 231 07 | 1 585 72 | 1 940 36 | 2 295 01 | 2 649 65 | 3 004 12 | 3 357 88 | 3 709 99 | 4 050 24 | 4 376 57 | 4 630 70 |
| 1/4 | 225 87 | 535 46 | 883 91 | 1 238 46 | 1 593 10 | 1 947 75 | 2 302 40 | 2 657 04 | 3 011 49 | 3 365 25 | 3 717 24 | 4 057 19 | 4 383 21 | 4 631 80 |
| 1/2 | 231 87 | 542 38 | 891 30 | 1 245 85 | 1 600 49 | 1 955 14 | 2 309 79 | 2 664 43 | 3 018 86 | 3 372 62 | 3 724 48 | 4 064 13 | 4 389 85 | 4 632 66 |
| 3/4 | 237 89 | 549 31 | 898 68 | 1 253 23 | 1 607 88 | 1 962 53 | 2 317 17 | 2 671 82 | 3 026 23 | 3 379 99 | 3 731 72 | 4 071 06 | 4 396 48 | 4 633 28 |
| 10  | 243 94 | 556 27 | 906 06 | 1 260 62 | 1 615 27 | 1 969 92 | 2 324 56 | 2 679 21 | 3 033 60 | 3 387 36 | 3 738 95 | 4 077 99 | 4 403 11 | 4 633 68 |
| 1/4 | 249 99 | 563 24 | 913 45 | 1 268 01 | 1 622 66 | 1 977 30 | 2 331 94 | 2 686 60 | 3 040 97 | 3 394 73 | 3 746 17 | 4 084 91 | 4 409 73 | 4 633 83 |
| 1/2 | 256 07 | 570 23 | 920 83 | 1 275 40 | 1 630 05 | 1 984 69 | 2 339 34 | 2 693 99 | 3 048 35 | 3 402 10 | 3 753 39 | 4 091 83 | 4 416 34 | 4 633 88 |
| 3/4 | 262 17 | 577 24 | 928 22 | 1 282 79 | 1 637 43 | 1 992 08 | 2 346 73 | 2 701 37 | 3 055 72 | 3 409 47 | 3 760 60 | 4 098 74 | 4 422 94 | 4 633 88 |
| 11  | 268 29 | 584 28 | 935 60 | 1 290 18 | 1 644 82 | 1 999 47 | 2 354 12 | 2 708 76 | 3 063 09 | 3 416 84 | 3 767 81 | 4 105 64 | 4 429 54 | 4 633 88 |
| 1/4 | 274 42 | 591 33 | 942 99 | 1 297 57 | 1 652 21 | 2 006 86 | 2 361 50 | 2 716 15 | 3 070 46 | 3 424 20 | 3 775 01 | 4 112 54 | 4 436 14 | 4 633 88 |
| 1/2 | 280 58 | 598 39 | 950 37 | 1 304 95 | 1 659 60 | 2 014 25 | 2 368 89 | 2 723 54 | 3 077 83 | 3 431 57 | 3 782 20 | 4 119 43 | 4 442 73 | 4 633 88 |
| 3/4 | 286 75 | 605 48 | 957 75 | 1 312 34 | 1 666 99 | 2 021 63 | 2 376 28 | 2 730 93 | 3 085 20 | 3 438 94 | 3 789 39 | 4 126 31 | 4 449 31 | 4 633 88 |

# AI - 511

COMPARTMENT: 2 PORT  
COMPUTED IN: BARRELS

GAUGE HEIGHT  
GAUGE TYPE

14' - 01 5/8"  
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 :  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED JULY 28, 1996 BY CALIB BRET

| 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   | 10.76  | 371.30 | 749.86   | 1,128.31 | 1,506.84 | 1,885.44 | 2,264.04 | 2,642.64 | 3,021.25 | 3,399.55 | 3,777.25 | 4,152.10 | 4,521.76 | 4,896.40 |
| 1/4 | 14.42  | 379.19 | 757.74   | 1,136.20 | 1,514.73 | 1,893.33 | 2,271.93 | 2,650.53 | 3,029.13 | 3,407.42 | 3,785.12 | 4,159.78 | 4,520.12 | 4,885.44 |
| 1/2 | 18.65  | 387.07 | 765.63   | 1,144.08 | 1,522.61 | 1,901.22 | 2,279.82 | 2,658.42 | 3,037.02 | 3,415.29 | 3,792.99 | 4,167.46 | 4,527.47 | 4,872.46 |
| 3/4 | 23.44  | 394.96 | 773.52   | 1,151.96 | 1,530.50 | 1,909.10 | 2,287.71 | 2,666.31 | 3,044.91 | 3,423.16 | 3,800.85 | 4,175.13 | 4,534.82 | 4,879.49 |
| 1   | 28.79  | 402.85 | 781.40   | 1,159.85 | 1,538.39 | 1,916.99 | 2,295.59 | 2,674.19 | 3,052.80 | 3,431.02 | 3,808.72 | 4,182.80 | 4,542.16 | 4,886.50 |
| 1/4 | 34.70  | 410.73 | 789.29   | 1,167.73 | 1,546.28 | 1,924.88 | 2,303.48 | 2,682.08 | 3,060.68 | 3,438.89 | 3,816.59 | 4,190.46 | 4,549.49 | 4,893.51 |
| 1/2 | 41.18  | 418.62 | 797.18   | 1,175.61 | 1,554.16 | 1,932.77 | 2,311.37 | 2,689.97 | 3,068.57 | 3,446.76 | 3,824.46 | 4,198.11 | 4,556.82 | 4,900.51 |
| 3/4 | 48.22  | 426.51 | 805.06   | 1,183.50 | 1,562.05 | 1,940.65 | 2,319.26 | 2,697.86 | 3,076.46 | 3,454.63 | 3,832.33 | 4,205.75 | 4,564.14 | 4,907.51 |
| 2   | 55.83  | 434.39 | 812.95   | 1,191.38 | 1,569.94 | 1,948.54 | 2,327.14 | 2,705.74 | 3,084.35 | 3,462.50 | 3,840.19 | 4,213.39 | 4,571.45 | 4,914.50 |
| 1/4 | 63.71  | 442.28 | 820.84   | 1,199.26 | 1,577.83 | 1,956.43 | 2,335.03 | 2,713.63 | 3,092.23 | 3,470.37 | 3,848.06 | 4,221.02 | 4,578.75 | 4,921.48 |
| 1/2 | 71.60  | 450.17 | 828.72   | 1,207.15 | 1,585.71 | 1,964.32 | 2,342.92 | 2,721.52 | 3,100.12 | 3,478.24 | 3,855.93 | 4,228.65 | 4,586.05 | 4,928.46 |
| 3/4 | 79.49  | 458.05 | 836.61   | 1,215.03 | 1,593.60 | 1,972.20 | 2,350.81 | 2,729.41 | 3,108.01 | 3,486.11 | 3,863.80 | 4,236.27 | 4,593.35 | 4,935.43 |
| 3   | 87.37  | 465.94 | 844.49   | 1,222.91 | 1,601.49 | 1,980.09 | 2,358.69 | 2,737.29 | 3,115.90 | 3,493.98 | 3,871.67 | 4,243.88 | 4,600.63 | 4,942.39 |
| 1/4 | 95.26  | 473.83 | 852.38   | 1,230.80 | 1,609.38 | 1,987.98 | 2,366.58 | 2,745.18 | 3,123.78 | 3,501.84 | 3,879.54 | 4,251.48 | 4,607.91 | 4,949.34 |
| 1/2 | 103.15 | 481.71 | 860.27   | 1,238.68 | 1,617.26 | 1,995.87 | 2,374.47 | 2,753.07 | 3,131.67 | 3,509.71 | 3,887.40 | 4,259.08 | 4,615.18 | 4,956.29 |
| 3/4 | 111.03 | 489.60 | 868.15   | 1,246.56 | 1,625.15 | 2,003.75 | 2,382.36 | 2,760.96 | 3,139.56 | 3,517.58 | 3,895.27 | 4,266.67 | 4,622.45 | 4,963.23 |
| 4   | 118.92 | 497.48 | 876.04   | 1,254.45 | 1,633.04 | 2,011.64 | 2,390.24 | 2,768.84 | 3,147.45 | 3,525.45 | 3,903.14 | 4,274.25 | 4,629.71 | 4,970.17 |
| 1/4 | 126.81 | 505.37 | 883.93   | 1,262.33 | 1,640.93 | 2,019.53 | 2,398.13 | 2,776.73 | 3,155.33 | 3,533.32 | 3,911.01 | 4,281.83 | 4,636.96 | 4,977.10 |
| 1/2 | 134.69 | 513.26 | 891.81   | 1,270.21 | 1,648.81 | 2,027.42 | 2,406.02 | 2,784.62 | 3,163.22 | 3,541.19 | 3,918.88 | 4,289.40 | 4,644.20 | 4,984.02 |
| 3/4 | 142.58 | 521.14 | 899.70   | 1,278.10 | 1,656.70 | 2,035.30 | 2,413.91 | 2,792.51 | 3,171.11 | 3,549.06 | 3,926.74 | 4,296.93 | 4,651.44 | 4,990.71 |
| 5   | 150.47 | 529.03 | 907.58   | 1,285.99 | 1,664.59 | 2,043.19 | 2,421.79 | 2,800.40 | 3,179.00 | 3,556.93 | 3,934.61 | 4,304.45 | 4,658.67 | 4,997.16 |
| 1/4 | 158.36 | 536.92 | 915.46   | 1,293.88 | 1,672.48 | 2,051.08 | 2,429.68 | 2,808.28 | 3,186.88 | 3,564.80 | 3,942.48 | 4,311.96 | 4,665.90 | 5,003.37 |
| 1/2 | 166.24 | 544.80 | 923.35   | 1,301.76 | 1,680.37 | 2,058.97 | 2,437.57 | 2,816.17 | 3,194.77 | 3,572.66 | 3,950.35 | 4,319.46 | 4,673.12 | 5,009.35 |
| 3/4 | 174.13 | 552.69 | 931.23   | 1,309.65 | 1,688.25 | 2,066.85 | 2,445.46 | 2,824.06 | 3,202.66 | 3,580.53 | 3,958.22 | 4,326.96 | 4,680.33 | 5,015.10 |
| 6   | 182.02 | 560.57 | 939.11   | 1,317.54 | 1,696.14 | 2,074.74 | 2,453.34 | 2,831.95 | 3,210.55 | 3,588.40 | 3,966.09 | 4,334.45 | 4,687.53 | 5,020.61 |
| 1/4 | 189.90 | 568.46 | 947.00   | 1,325.43 | 1,704.03 | 2,082.63 | 2,461.23 | 2,839.83 | 3,218.43 | 3,596.27 | 3,973.95 | 4,341.94 | 4,694.73 | 5,025.88 |
| 1/2 | 197.79 | 576.35 | 954.88   | 1,333.31 | 1,711.92 | 2,090.52 | 2,469.12 | 2,847.72 | 3,226.32 | 3,604.14 | 3,981.82 | 4,349.42 | 4,701.92 | 5,030.92 |
| 3/4 | 205.68 | 584.23 | 962.76   | 1,341.20 | 1,719.80 | 2,098.40 | 2,477.01 | 2,855.61 | 3,234.21 | 3,612.01 | 3,989.58 | 4,356.89 | 4,709.10 | 5,035.72 |
| 7   | 213.56 | 592.12 | 970.65   | 1,349.09 | 1,727.69 | 2,106.29 | 2,484.89 | 2,863.50 | 3,242.10 | 3,619.88 | 3,997.33 | 4,364.35 | 4,716.28 | 5,040.29 |
| 1/4 | 221.45 | 600.01 | 978.53   | 1,356.98 | 1,735.58 | 2,114.18 | 2,492.78 | 2,871.38 | 3,249.98 | 3,627.75 | 4,005.08 | 4,371.81 | 4,723.45 | 5,044.63 |
| 1/2 | 229.34 | 607.89 | 986.41   | 1,364.86 | 1,743.47 | 2,122.07 | 2,500.67 | 2,879.27 | 3,257.87 | 3,635.62 | 4,012.84 | 4,379.28 | 4,730.61 | 5,048.72 |
| 3/4 | 237.22 | 615.78 | 994.30   | 1,372.75 | 1,751.35 | 2,129.95 | 2,508.56 | 2,887.16 | 3,265.74 | 3,643.48 | 4,020.59 | 4,386.71 | 4,737.77 | 5,052.59 |
| 8   | 245.11 | 623.67 | 1,002.18 | 1,380.64 | 1,759.24 | 2,137.84 | 2,516.44 | 2,895.05 | 3,273.61 | 3,651.35 | 4,028.34 | 4,394.15 | 4,744.92 | 5,056.22 |
| 1/4 | 253.00 | 631.55 | 1,010.06 | 1,388.53 | 1,767.13 | 2,145.73 | 2,524.33 | 2,902.93 | 3,281.48 | 3,659.22 | 4,036.10 | 4,401.58 | 4,752.06 | 5,059.61 |
| 1/2 | 260.88 | 639.44 | 1,017.95 | 1,396.41 | 1,775.02 | 2,153.62 | 2,532.22 | 2,910.82 | 3,289.36 | 3,667.09 | 4,043.85 | 4,409.00 | 4,759.20 | 5,062.76 |
| 3/4 | 268.77 | 647.33 | 1,025.83 | 1,404.30 | 1,782.90 | 2,161.50 | 2,540.11 | 2,918.71 | 3,297.23 | 3,674.96 | 4,051.60 | 4,416.46 | 4,766.33 | 5,065.69 |
| 9   | 276.66 | 655.22 | 1,033.71 | 1,412.19 | 1,790.79 | 2,169.39 | 2,547.99 | 2,926.60 | 3,305.10 | 3,682.83 | 4,059.36 | 4,423.90 | 4,773.45 | 5,068.37 |
| 1/4 | 284.54 | 663.10 | 1,041.60 | 1,420.08 | 1,798.68 | 2,177.28 | 2,555.88 | 2,934.48 | 3,312.97 | 3,690.70 | 4,067.11 | 4,431.35 | 4,780.57 | 5,070.82 |
| 1/2 | 292.43 | 670.99 | 1,049.48 | 1,427.96 | 1,806.57 | 2,185.17 | 2,563.77 | 2,942.37 | 3,320.84 | 3,698.57 | 4,074.86 | 4,438.78 | 4,787.68 | 5,073.04 |
| 3/4 | 300.32 | 678.88 | 1,057.36 | 1,435.85 | 1,814.45 | 2,193.05 | 2,571.66 | 2,950.26 | 3,328.71 | 3,706.43 | 4,082.62 | 4,446.21 | 4,794.78 | 5,075.02 |
| 10  | 308.20 | 686.76 | 1,065.25 | 1,443.74 | 1,822.34 | 2,200.94 | 2,579.54 | 2,958.15 | 3,336.58 | 3,714.30 | 4,090.37 | 4,453.63 | 4,801.88 | 5,076.77 |
| 1/4 | 316.09 | 694.65 | 1,073.13 | 1,451.63 | 1,830.23 | 2,208.83 | 2,587.43 | 2,966.03 | 3,344.45 | 3,722.17 | 4,098.11 | 4,461.05 | 4,808.97 | 5,078.28 |
| 1/2 | 323.98 | 702.54 | 1,081.01 | 1,459.51 | 1,838.12 | 2,216.72 | 2,595.32 | 2,973.92 | 3,352.32 | 3,730.04 | 4,105.84 | 4,468.45 | 4,816.05 | 5,079.55 |
| 3/4 | 331.86 | 710.42 | 1,088.90 | 1,467.40 | 1,846.00 | 2,224.60 | 2,603.21 | 2,981.81 | 3,360.19 | 3,737.91 | 4,113.56 | 4,475.85 | 4,823.12 |          |
| 11  | 339.75 | 718.31 | 1,096.78 | 1,475.29 | 1,853.89 | 2,232.49 | 2,611.09 | 2,989.70 | 3,368.06 | 3,745.78 | 4,121.28 | 4,483.25 | 4,830.19 |          |
| 1/4 | 347.64 | 726.20 | 1,104.66 | 1,483.18 | 1,861.78 | 2,240.38 | 2,618.98 | 2,997.58 | 3,375.93 | 3,753.64 | 4,129.00 | 4,490.64 | 4,837.26 |          |
| 1/2 | 355.53 | 734.08 | 1,112.55 | 1,491.06 | 1,869.67 | 2,248.27 | 2,626.87 | 3,005.47 | 3,383.80 | 3,761.51 | 4,136.70 | 4,498.02 | 4,844.31 |          |
| 3/4 | 363.41 | 741.97 | 1,120.43 | 1,498.95 | 1,877.55 | 2,256.16 | 2,634.76 | 3,013.36 | 3,391.67 | 3,769.38 | 4,144.40 | 4,505.39 | 4,851.36 |          |

# AI - 511

COMPARTMENT: 2 STARBOARD  
COMPUTED IN: BARRELS

GAUGE HEIGHT  
GAUGE TYPE

14' - 00 3/4"  
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 (MMCI) THE TOTAL HEIGHT TO TOP OF VALVE IS:  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED JULY 28, 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   | 39.93  | 415.85 | 795.48   | 1,174.98 | 1,554.61 | 1,934.29 | 2,313.96 | 2,693.64 | 3,073.31 | 3,452.56 | 3,831.33 | 4,206.12 | 4,586.34 | 4,911.29 |
| 1/4 | 46.21  | 423.76 | 803.39   | 1,182.89 | 1,562.52 | 1,942.20 | 2,321.87 | 2,701.55 | 3,081.22 | 3,460.45 | 3,839.22 | 4,213.80 | 4,573.69 | 4,918.31 |
| 1/2 | 52.96  | 431.67 | 811.30   | 1,190.80 | 1,570.43 | 1,950.11 | 2,329.78 | 2,709.46 | 3,089.13 | 3,468.34 | 3,847.11 | 4,221.47 | 4,581.03 | 4,925.32 |
| 3/4 | 60.17  | 439.58 | 819.20   | 1,198.70 | 1,578.34 | 1,958.02 | 2,337.69 | 2,717.37 | 3,097.04 | 3,476.23 | 3,855.00 | 4,229.14 | 4,588.37 | 4,932.32 |
| 1   | 67.85  | 447.48 | 827.11   | 1,206.61 | 1,586.25 | 1,965.93 | 2,345.60 | 2,725.28 | 3,104.95 | 3,484.12 | 3,862.89 | 4,236.80 | 4,595.70 | 4,939.32 |
| 1/4 | 75.75  | 455.39 | 835.02   | 1,214.51 | 1,594.16 | 1,973.84 | 2,353.51 | 2,733.19 | 3,112.86 | 3,492.01 | 3,870.78 | 4,244.45 | 4,603.02 | 4,946.31 |
| 1/2 | 83.66  | 463.30 | 842.93   | 1,222.42 | 1,602.07 | 1,981.75 | 2,361.42 | 2,741.10 | 3,120.77 | 3,499.90 | 3,878.67 | 4,252.09 | 4,610.33 | 4,953.30 |
| 3/4 | 91.57  | 471.21 | 850.84   | 1,230.32 | 1,609.98 | 1,989.66 | 2,369.33 | 2,749.01 | 3,128.68 | 3,507.80 | 3,886.56 | 4,259.73 | 4,617.64 | 4,960.28 |
| 2   | 99.48  | 479.12 | 858.75   | 1,238.23 | 1,617.89 | 1,997.57 | 2,377.24 | 2,756.92 | 3,136.59 | 3,515.69 | 3,894.45 | 4,267.36 | 4,624.94 | 4,967.25 |
| 1/4 | 107.39 | 487.03 | 866.66   | 1,246.14 | 1,625.80 | 2,005.48 | 2,385.15 | 2,764.83 | 3,144.50 | 3,523.58 | 3,902.34 | 4,274.99 | 4,632.23 | 4,974.21 |
| 1/2 | 115.30 | 494.94 | 874.56   | 1,254.04 | 1,633.71 | 2,013.39 | 2,393.06 | 2,772.74 | 3,152.41 | 3,531.47 | 3,910.23 | 4,282.60 | 4,639.52 | 4,981.17 |
| 3/4 | 123.21 | 502.84 | 882.47   | 1,261.95 | 1,641.62 | 2,021.30 | 2,400.97 | 2,780.65 | 3,160.32 | 3,539.36 | 3,918.12 | 4,290.21 | 4,646.80 | 4,988.12 |
| 3   | 131.12 | 510.75 | 890.38   | 1,269.86 | 1,649.53 | 2,029.21 | 2,408.88 | 2,788.56 | 3,168.23 | 3,547.25 | 3,926.01 | 4,297.78 | 4,654.07 | 4,995.06 |
| 1/4 | 138.03 | 518.66 | 898.28   | 1,277.77 | 1,657.44 | 2,037.12 | 2,416.79 | 2,796.47 | 3,176.14 | 3,555.14 | 3,933.90 | 4,305.34 | 4,661.33 | 5,001.76 |
| 1/2 | 146.94 | 526.57 | 906.19   | 1,285.68 | 1,665.35 | 2,045.03 | 2,424.70 | 2,804.38 | 3,184.05 | 3,563.03 | 3,941.79 | 4,312.89 | 4,668.59 | 5,008.21 |
| 3/4 | 154.85 | 534.48 | 914.10   | 1,293.59 | 1,673.26 | 2,052.94 | 2,432.61 | 2,812.29 | 3,191.96 | 3,570.93 | 3,949.68 | 4,320.44 | 4,675.84 | 5,014.41 |
| 4   | 162.76 | 542.39 | 922.00   | 1,301.50 | 1,681.17 | 2,060.85 | 2,440.52 | 2,820.20 | 3,199.87 | 3,578.82 | 3,957.57 | 4,327.97 | 4,683.09 | 5,020.36 |
| 1/4 | 170.66 | 550.30 | 929.91   | 1,309.41 | 1,689.08 | 2,068.76 | 2,448.43 | 2,828.11 | 3,207.78 | 3,586.71 | 3,965.46 | 4,335.50 | 4,690.33 | 5,026.07 |
| 1/2 | 178.57 | 558.20 | 937.81   | 1,317.32 | 1,696.99 | 2,076.67 | 2,456.34 | 2,836.01 | 3,215.69 | 3,594.60 | 3,973.36 | 4,343.03 | 4,697.56 | 5,031.53 |
| 3/4 | 186.48 | 566.11 | 945.72   | 1,325.23 | 1,704.90 | 2,084.58 | 2,464.25 | 2,843.92 | 3,223.60 | 3,602.49 | 3,981.25 | 4,350.55 | 4,704.78 | 5,036.74 |
| 5   | 194.39 | 574.02 | 953.62   | 1,333.14 | 1,712.81 | 2,092.49 | 2,472.16 | 2,851.83 | 3,231.51 | 3,610.38 | 3,989.02 | 4,358.08 | 4,712.00 | 5,041.71 |
| 1/4 | 202.30 | 581.93 | 961.53   | 1,341.05 | 1,720.72 | 2,100.40 | 2,480.07 | 2,859.74 | 3,239.42 | 3,618.27 | 3,996.80 | 4,365.56 | 4,719.21 | 5,046.43 |
| 1/2 | 210.21 | 589.84 | 969.44   | 1,348.96 | 1,728.63 | 2,108.31 | 2,487.98 | 2,867.65 | 3,247.33 | 3,626.16 | 4,004.57 | 4,373.06 | 4,726.41 | 5,050.90 |
| 3/4 | 218.12 | 597.75 | 977.34   | 1,356.87 | 1,736.54 | 2,116.22 | 2,495.89 | 2,875.56 | 3,255.24 | 3,634.06 | 4,012.35 | 4,380.55 | 4,734.61 | 5,055.12 |
| 6   | 226.03 | 605.66 | 985.25   | 1,364.78 | 1,744.45 | 2,124.12 | 2,503.80 | 2,883.47 | 3,263.13 | 3,641.95 | 4,020.13 | 4,388.03 | 4,740.80 | 5,059.10 |
| 1/4 | 233.94 | 613.57 | 993.15   | 1,372.69 | 1,752.36 | 2,132.03 | 2,511.71 | 2,891.38 | 3,271.03 | 3,649.84 | 4,027.90 | 4,395.51 | 4,747.98 | 5,062.83 |
| 1/2 | 241.85 | 621.48 | 1,001.06 | 1,380.60 | 1,760.27 | 2,139.94 | 2,519.62 | 2,899.29 | 3,278.92 | 3,657.73 | 4,035.68 | 4,402.98 | 4,755.16 | 5,066.31 |
| 3/4 | 249.76 | 629.39 | 1,008.96 | 1,388.51 | 1,768.18 | 2,147.85 | 2,527.53 | 2,907.20 | 3,286.81 | 3,665.62 | 4,043.45 | 4,410.44 | 4,762.33 | 5,069.54 |
| 7   | 257.67 | 637.30 | 1,016.87 | 1,396.42 | 1,776.09 | 2,155.76 | 2,535.44 | 2,915.11 | 3,294.70 | 3,673.51 | 4,051.23 | 4,417.93 | 4,769.49 | 5,072.53 |
| 1/4 | 265.57 | 645.21 | 1,024.78 | 1,404.33 | 1,784.00 | 2,163.67 | 2,543.35 | 2,923.02 | 3,302.60 | 3,681.40 | 4,059.01 | 4,425.42 | 4,776.64 | 5,075.27 |
| 1/2 | 273.48 | 653.11 | 1,032.68 | 1,412.24 | 1,791.91 | 2,171.58 | 2,551.26 | 2,930.93 | 3,310.49 | 3,689.29 | 4,066.78 | 4,432.90 | 4,783.79 | 5,077.77 |
| 3/4 | 281.39 | 661.02 | 1,040.59 | 1,420.14 | 1,799.82 | 2,179.49 | 2,559.17 | 2,938.84 | 3,318.38 | 3,697.19 | 4,074.56 | 4,440.37 | 4,790.93 | 5,080.01 |
| 8   | 289.30 | 668.93 | 1,048.49 | 1,428.05 | 1,807.73 | 2,187.40 | 2,567.08 | 2,946.75 | 3,326.28 | 3,705.08 | 4,082.33 | 4,447.83 | 4,798.07 | 5,082.01 |
| 1/4 | 297.21 | 676.84 | 1,056.40 | 1,435.96 | 1,815.64 | 2,195.31 | 2,574.99 | 2,954.66 | 3,334.17 | 3,712.97 | 4,090.11 | 4,455.29 | 4,805.19 | 5,083.76 |
| 1/2 | 305.12 | 684.75 | 1,064.30 | 1,443.87 | 1,823.55 | 2,203.22 | 2,582.90 | 2,962.57 | 3,342.06 | 3,720.86 | 4,097.89 | 4,462.74 | 4,812.31 | 5,085.27 |
| 3/4 | 313.03 | 692.66 | 1,072.21 | 1,451.78 | 1,831.46 | 2,211.13 | 2,590.81 | 2,970.48 | 3,349.96 | 3,728.75 | 4,105.66 | 4,470.19 | 4,819.43 | 5,086.53 |
| 9   | 320.94 | 700.57 | 1,080.12 | 1,459.69 | 1,839.37 | 2,219.04 | 2,598.72 | 2,978.39 | 3,357.85 | 3,736.64 | 4,113.43 | 4,477.63 | 4,826.53 | 5,087.54 |
| 1/4 | 328.85 | 708.48 | 1,088.02 | 1,467.60 | 1,847.28 | 2,226.95 | 2,606.63 | 2,986.30 | 3,365.74 | 3,744.53 | 4,121.19 | 4,485.06 | 4,833.63 | 5,088.30 |
| 1/2 | 336.76 | 716.39 | 1,095.93 | 1,475.51 | 1,855.19 | 2,234.86 | 2,614.54 | 2,994.21 | 3,373.64 | 3,752.42 | 4,128.95 | 4,492.48 | 4,840.73 | 5,088.81 |
| 3/4 | 344.67 | 724.30 | 1,103.83 | 1,483.42 | 1,863.10 | 2,242.77 | 2,622.45 | 3,002.12 | 3,381.53 | 3,760.31 | 4,136.70 | 4,499.90 | 4,847.81 | 5,089.08 |
| 10  | 352.57 | 732.21 | 1,111.74 | 1,491.33 | 1,871.01 | 2,250.68 | 2,630.36 | 3,010.03 | 3,389.42 | 3,768.20 | 4,144.44 | 4,507.31 | 4,854.89 | 5,089.24 |
| 1/4 | 360.48 | 740.12 | 1,119.64 | 1,499.24 | 1,878.92 | 2,258.59 | 2,638.27 | 3,017.94 | 3,397.31 | 3,776.09 | 4,152.17 | 4,514.71 | 4,861.97 | 5,089.24 |
| 1/2 | 368.39 | 748.03 | 1,127.55 | 1,507.15 | 1,886.83 | 2,266.50 | 2,646.18 | 3,025.85 | 3,405.21 | 3,783.98 | 4,159.90 | 4,522.11 | 4,869.03 | 5,089.24 |
| 3/4 | 376.30 | 755.93 | 1,135.46 | 1,515.06 | 1,894.74 | 2,274.41 | 2,654.09 | 3,033.76 | 3,413.10 | 3,791.87 | 4,167.62 | 4,529.50 | 4,876.09 | 5,089.24 |
| 11  | 384.21 | 763.84 | 1,143.36 | 1,522.97 | 1,902.65 | 2,282.32 | 2,662.00 | 3,041.67 | 3,420.99 | 3,799.76 | 4,175.33 | 4,536.88 | 4,883.14 | 5,089.24 |
| 1/4 | 392.12 | 771.75 | 1,151.27 | 1,530.88 | 1,910.56 | 2,290.23 | 2,669.91 | 3,049.58 | 3,428.88 | 3,807.65 | 4,183.04 | 4,544.26 | 4,889.19 | 5,089.24 |
| 1/2 | 400.03 | 779.66 | 1,159.17 | 1,538.79 | 1,918.47 | 2,298.14 | 2,677.82 | 3,057.49 | 3,436.77 | 3,815.54 | 4,190.74 | 4,551.63 | 4,897.23 | 5,089.24 |
| 3/4 | 407.94 | 787.57 | 1,167.08 | 1,546.70 | 1,926.38 | 2,306.05 | 2,685.73 | 3,065.40 | 3,444.67 | 3,823.43 | 4,198.43 | 4,559.99 | 4,904.26 | 5,089.24 |

# AI - 511

COMPARTMENT: 3 PORT  
COMPUTED IN: BARRELS

GAUGE HEIGHT 14' - 00 7/8"  
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 (NMC), THE TOTAL HEIGHT TO TOP OF VALVE IS:  
NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED JULY 28, 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   | 25.29  | 367.57 | 719.84   | 1,072.00 | 1,424.26 | 1,776.57 | 2,128.88 | 2,481.20 | 2,833.51 | 3,185.43 | 3,535.06 | 3,797.77 | 4,059.34 | 4,309.93 |
| 1/4 | 29.97  | 374.91 | 727.18   | 1,079.33 | 1,431.60 | 1,783.91 | 2,136.22 | 2,488.54 | 2,840.85 | 3,192.76 | 3,539.80 | 3,893.35 | 4,064.68 | 4,315.03 |
| 1/2 | 35.07  | 382.26 | 734.52   | 1,086.67 | 1,438.94 | 1,791.25 | 2,143.56 | 2,495.88 | 2,848.19 | 3,200.08 | 3,536.55 | 3,890.93 | 4,070.01 | 4,320.12 |
| 3/4 | 40.58  | 389.59 | 741.86   | 1,094.00 | 1,446.28 | 1,798.59 | 2,150.90 | 2,503.22 | 2,855.53 | 3,207.40 | 3,542.30 | 3,814.50 | 4,075.34 | 4,325.21 |
| 1   | 46.49  | 396.93 | 749.20   | 1,101.34 | 1,453.62 | 1,805.93 | 2,158.24 | 2,510.56 | 2,862.87 | 3,214.72 | 3,548.05 | 3,820.06 | 4,080.66 | 4,330.29 |
| 1/4 | 52.81  | 404.27 | 756.54   | 1,108.67 | 1,460.95 | 1,813.27 | 2,165.58 | 2,517.90 | 2,870.21 | 3,222.04 | 3,553.80 | 3,825.62 | 4,085.98 | 4,335.37 |
| 1/2 | 59.53  | 411.61 | 763.88   | 1,116.01 | 1,468.29 | 1,820.61 | 2,172.92 | 2,525.24 | 2,877.55 | 3,229.36 | 3,559.55 | 3,831.18 | 4,091.29 | 4,340.45 |
| 3/4 | 66.67  | 418.95 | 771.22   | 1,123.35 | 1,475.63 | 1,827.95 | 2,180.26 | 2,532.58 | 2,884.89 | 3,236.68 | 3,565.30 | 3,836.73 | 4,096.60 | 4,345.51 |
| 2   | 74.01  | 426.29 | 778.55   | 1,130.68 | 1,482.97 | 1,835.29 | 2,187.60 | 2,539.92 | 2,892.23 | 3,244.00 | 3,571.05 | 3,842.27 | 4,101.91 | 4,350.58 |
| 1/4 | 81.35  | 433.62 | 785.89   | 1,138.02 | 1,490.31 | 1,842.63 | 2,194.94 | 2,547.26 | 2,899.57 | 3,251.32 | 3,576.80 | 3,847.81 | 4,107.21 | 4,355.64 |
| 1/2 | 88.69  | 440.96 | 793.23   | 1,145.35 | 1,497.65 | 1,849.97 | 2,202.28 | 2,554.60 | 2,906.91 | 3,258.65 | 3,582.54 | 3,853.34 | 4,112.50 | 4,360.69 |
| 3/4 | 96.03  | 448.30 | 800.57   | 1,152.69 | 1,504.99 | 1,857.31 | 2,209.62 | 2,561.94 | 2,914.25 | 3,265.97 | 3,588.29 | 3,858.87 | 4,117.79 | 4,365.74 |
| 3   | 103.37 | 455.64 | 807.91   | 1,160.02 | 1,512.33 | 1,864.65 | 2,216.96 | 2,569.28 | 2,921.59 | 3,273.29 | 3,594.04 | 3,864.40 | 4,123.07 | 4,370.78 |
| 1/4 | 110.70 | 462.98 | 815.25   | 1,167.36 | 1,519.67 | 1,871.99 | 2,224.30 | 2,576.62 | 2,928.83 | 3,280.61 | 3,599.79 | 3,869.92 | 4,128.35 | 4,375.82 |
| 1/2 | 118.04 | 470.32 | 822.58   | 1,174.70 | 1,527.01 | 1,879.33 | 2,231.64 | 2,583.96 | 2,936.27 | 3,287.93 | 3,605.54 | 3,875.40 | 4,133.62 | 4,380.84 |
| 3/4 | 125.38 | 477.66 | 829.92   | 1,182.04 | 1,534.35 | 1,886.67 | 2,238.98 | 2,591.30 | 2,943.61 | 3,295.25 | 3,611.29 | 3,880.87 | 4,138.89 | 4,385.69 |
| 4   | 132.72 | 484.99 | 837.25   | 1,189.38 | 1,541.69 | 1,894.01 | 2,246.32 | 2,598.64 | 2,950.95 | 3,302.57 | 3,617.04 | 3,886.34 | 4,144.15 | 4,390.35 |
| 1/4 | 140.06 | 492.33 | 844.59   | 1,196.72 | 1,549.03 | 1,901.35 | 2,253.66 | 2,605.98 | 2,958.29 | 3,309.89 | 3,622.79 | 3,891.80 | 4,149.41 | 4,394.84 |
| 1/2 | 147.40 | 499.67 | 851.93   | 1,204.06 | 1,556.37 | 1,908.69 | 2,261.00 | 2,613.32 | 2,965.63 | 3,317.22 | 3,628.54 | 3,897.25 | 4,154.66 | 4,399.16 |
| 3/4 | 154.74 | 507.01 | 859.26   | 1,211.40 | 1,563.71 | 1,916.03 | 2,266.34 | 2,620.66 | 2,972.97 | 3,324.54 | 3,634.28 | 3,902.71 | 4,159.91 | 4,403.29 |
| 5   | 162.08 | 514.35 | 866.60   | 1,218.74 | 1,571.05 | 1,923.37 | 2,273.68 | 2,628.00 | 2,980.31 | 3,331.86 | 3,640.03 | 3,908.15 | 4,165.16 | 4,407.25 |
| 1/4 | 169.42 | 521.69 | 873.93   | 1,226.08 | 1,578.39 | 1,930.71 | 2,283.02 | 2,635.33 | 2,987.65 | 3,339.18 | 3,645.78 | 3,913.59 | 4,170.39 | 4,411.03 |
| 1/2 | 176.76 | 529.03 | 881.27   | 1,233.42 | 1,585.73 | 1,938.05 | 2,290.36 | 2,642.67 | 2,994.99 | 3,346.50 | 3,651.42 | 3,919.03 | 4,175.63 | 4,414.63 |
| 3/4 | 184.10 | 536.37 | 888.60   | 1,240.76 | 1,593.07 | 1,945.39 | 2,297.70 | 2,650.01 | 2,999.33 | 3,353.82 | 3,657.07 | 3,924.46 | 4,180.86 | 4,418.05 |
| 6   | 191.43 | 543.70 | 895.94   | 1,248.10 | 1,600.41 | 1,952.73 | 2,305.04 | 2,657.35 | 3,009.67 | 3,361.14 | 3,662.71 | 3,929.89 | 4,186.08 | 4,421.30 |
| 1/4 | 198.77 | 551.04 | 903.28   | 1,255.44 | 1,607.75 | 1,960.07 | 2,312.38 | 2,664.69 | 3,017.01 | 3,368.46 | 3,668.35 | 3,935.31 | 4,191.30 | 4,424.37 |
| 1/2 | 206.11 | 558.38 | 910.61   | 1,262.78 | 1,615.09 | 1,967.41 | 2,319.72 | 2,672.03 | 3,024.33 | 3,375.79 | 3,673.99 | 3,940.73 | 4,196.51 | 4,427.26 |
| 3/4 | 213.45 | 565.72 | 917.95   | 1,270.12 | 1,622.43 | 1,974.75 | 2,327.06 | 2,679.37 | 3,031.65 | 3,383.11 | 3,679.64 | 3,946.14 | 4,201.72 | 4,429.98 |
| 7   | 220.79 | 573.06 | 925.28   | 1,277.46 | 1,629.77 | 1,982.09 | 2,334.40 | 2,686.71 | 3,038.98 | 3,390.43 | 3,685.28 | 3,951.55 | 4,206.92 | 4,432.51 |
| 1/4 | 228.13 | 580.40 | 932.62   | 1,284.80 | 1,637.11 | 1,989.43 | 2,341.74 | 2,694.05 | 3,046.30 | 3,397.75 | 3,690.92 | 3,956.95 | 4,212.12 | 4,434.87 |
| 1/2 | 235.47 | 587.74 | 939.95   | 1,292.14 | 1,644.45 | 1,996.77 | 2,349.08 | 2,701.39 | 3,053.62 | 3,405.07 | 3,696.56 | 3,962.38 | 4,217.31 | 4,437.06 |
| 3/4 | 242.81 | 595.08 | 947.29   | 1,299.48 | 1,651.79 | 2,004.11 | 2,356.42 | 2,708.73 | 3,060.95 | 3,412.39 | 3,702.20 | 3,967.81 | 4,222.50 | 4,439.06 |
| 8   | 250.15 | 602.42 | 954.63   | 1,306.82 | 1,659.13 | 2,011.45 | 2,363.76 | 2,716.07 | 3,068.27 | 3,419.71 | 3,707.85 | 3,973.24 | 4,227.68 | 4,440.89 |
| 1/4 | 257.49 | 609.76 | 961.96   | 1,314.16 | 1,666.47 | 2,018.79 | 2,371.10 | 2,723.41 | 3,075.59 | 3,427.03 | 3,713.49 | 3,978.65 | 4,232.86 | 4,442.54 |
| 1/2 | 264.83 | 617.10 | 969.30   | 1,321.50 | 1,673.81 | 2,026.13 | 2,378.44 | 2,730.75 | 3,082.92 | 3,434.28 | 3,719.13 | 3,984.07 | 4,238.03 | 4,444.01 |
| 3/4 | 272.17 | 624.44 | 976.63   | 1,328.84 | 1,681.15 | 2,033.47 | 2,385.78 | 2,738.09 | 3,090.24 | 3,441.38 | 3,724.77 | 3,989.88 | 4,243.20 | 4,445.31 |
| 9   | 279.50 | 631.78 | 983.97   | 1,336.18 | 1,688.49 | 2,040.81 | 2,393.12 | 2,745.43 | 3,097.56 | 3,448.41 | 3,730.42 | 3,994.88 | 4,248.36 | 4,446.43 |
| 1/4 | 286.84 | 639.11 | 991.30   | 1,343.52 | 1,695.83 | 2,048.14 | 2,400.46 | 2,752.77 | 3,104.89 | 3,455.33 | 3,736.06 | 4,000.28 | 4,253.52 | 4,447.37 |
| 1/2 | 294.18 | 646.45 | 998.64   | 1,350.86 | 1,703.17 | 2,055.48 | 2,407.80 | 2,760.11 | 3,112.21 | 3,462.16 | 3,741.69 | 4,005.67 | 4,258.67 | 4,448.13 |
| 3/4 | 301.52 | 653.79 | 1,005.97 | 1,358.20 | 1,710.51 | 2,062.82 | 2,415.14 | 2,767.45 | 3,119.53 | 3,468.89 | 3,747.32 | 4,011.06 | 4,263.82 | 4,448.71 |
| 10  | 308.86 | 661.13 | 1,013.31 | 1,365.54 | 1,717.85 | 2,070.16 | 2,422.48 | 2,774.79 | 3,126.85 | 3,475.53 | 3,752.95 | 4,016.45 | 4,268.96 | 4,449.12 |
| 1/4 | 316.20 | 668.47 | 1,020.65 | 1,372.88 | 1,725.19 | 2,077.50 | 2,429.82 | 2,782.13 | 3,134.18 | 3,482.06 | 3,758.57 | 4,021.83 | 4,274.10 | 4,449.35 |
| 1/2 | 323.54 | 675.81 | 1,027.98 | 1,380.22 | 1,732.53 | 2,084.84 | 2,437.16 | 2,789.47 | 3,141.50 | 3,488.50 | 3,764.18 | 4,027.20 | 4,279.23 | 4,449.53 |
| 3/4 | 330.88 | 683.15 | 1,035.32 | 1,387.56 | 1,739.87 | 2,092.18 | 2,444.50 | 2,796.81 | 3,148.82 | 3,494.84 | 3,769.79 | 4,032.57 | 4,284.36 |          |
| 11  | 338.22 | 690.49 | 1,042.65 | 1,394.90 | 1,747.21 | 2,099.52 | 2,451.84 | 2,804.15 | 3,156.15 | 3,501.08 | 3,775.40 | 4,037.93 | 4,289.48 |          |
| 1/4 | 345.56 | 697.83 | 1,049.99 | 1,402.24 | 1,754.55 | 2,106.86 | 2,459.18 | 2,811.49 | 3,163.47 | 3,507.22 | 3,781.00 | 4,043.29 | 4,294.60 |          |
| 1/2 | 352.90 | 705.17 | 1,057.32 | 1,409.58 | 1,761.89 | 2,114.20 | 2,466.52 | 2,818.83 | 3,170.79 | 3,513.26 | 3,786.59 | 4,048.65 | 4,299.71 |          |
| 3/4 | 360.24 | 712.51 | 1,064.66 | 1,416.92 | 1,769.23 | 2,121.54 | 2,473.86 | 2,826.17 | 3,178.11 | 3,519.21 | 3,792.18 | 4,053.99 | 4,304.82 |          |

AI - 511

O#1041863

COMPARTMENT: 3 STARBOARD  
COMPUTED IN: BARRELS

GAUGE HEIGHT  
GAUGE TYPE  
INNAGE

14' - 01 7/8"

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 3/8"

NOTE: COMPARTMENT BOTTOM SLOPES 6 INCHES FROM TANK SIDE TO CENTERLINE BULKHEAD  
STRAPPING TABLE ISSUED JULY 28, 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   | 18 16  | 357.67 | 711.04   | 1,064.29 | 1,417.63 | 1,771.04 | 2,124.45 | 2,477.85 | 2,831.26 | 3,184.31 | 3,527.85 | 3,801.98 | 4,064.87 | 4,317.14 |       |
| 1/4 | 22.27  | 365.03 | 718.40   | 1,071.64 | 1,424.99 | 1,778.40 | 2,131.81 | 2,485.22 | 2,838.62 | 3,191.66 | 3,533.81 | 3,807.58 | 4,070.24 | 4,322.27 |       |
| 1/2 | 26.82  | 372.39 | 725.76   | 1,079.00 | 1,432.36 | 1,785.78 | 2,139.17 | 2,492.58 | 2,845.99 | 3,199.00 | 3,539.68 | 3,813.18 | 4,075.60 | 4,327.41 |       |
| 3/4 | 31.80  | 379.76 | 733.12   | 1,086.36 | 1,439.72 | 1,793.13 | 2,146.53 | 2,499.94 | 2,853.35 | 3,206.34 | 3,545.44 | 3,818.78 | 4,080.96 | 4,332.53 |       |
| 1   | 37.21  | 387.12 | 740.48   | 1,093.72 | 1,447.08 | 1,800.49 | 2,153.90 | 2,507.30 | 2,860.71 | 3,213.69 | 3,551.21 | 3,824.36 | 4,086.32 | 4,337.66 |       |
| 1/4 | 43.06  | 394.48 | 747.84   | 1,101.08 | 1,454.44 | 1,807.85 | 2,161.26 | 2,514.67 | 2,868.07 | 3,221.03 | 3,556.98 | 3,829.95 | 4,091.67 | 4,342.78 |       |
| 1/2 | 49.34  | 401.84 | 755.20   | 1,108.44 | 1,461.81 | 1,815.21 | 2,168.62 | 2,522.03 | 2,875.44 | 3,228.38 | 3,568.51 | 3,841.10 | 4,102.35 | 4,347.89 |       |
| 3/4 | 56.05  | 409.20 | 762.57   | 1,115.80 | 1,469.17 | 1,822.58 | 2,175.98 | 2,529.39 | 2,882.80 | 3,235.72 | 3,568.51 | 3,841.10 | 4,102.35 | 4,353.00 |       |
| 2   | 63.19  | 416.57 | 769.93   | 1,123.15 | 1,476.53 | 1,829.94 | 2,183.35 | 2,536.75 | 2,890.16 | 3,243.06 | 3,574.28 | 3,846.67 | 4,107.69 | 4,358.10 |       |
| 1/4 | 70.56  | 423.93 | 777.29   | 1,130.51 | 1,483.89 | 1,837.30 | 2,190.71 | 2,544.12 | 2,897.52 | 3,250.41 | 3,580.04 | 3,852.24 | 4,113.02 | 4,363.20 |       |
| 1/2 | 77.92  | 431.29 | 784.65   | 1,137.87 | 1,491.26 | 1,844.66 | 2,198.07 | 2,551.48 | 2,904.89 | 3,257.75 | 3,585.81 | 3,857.80 | 4,118.35 | 4,368.30 |       |
| 3/4 | 85.28  | 438.65 | 792.01   | 1,145.23 | 1,498.62 | 1,852.03 | 2,205.43 | 2,558.84 | 2,912.25 | 3,265.10 | 3,591.58 | 3,863.35 | 4,123.67 | 4,373.39 |       |
| 3   | 92.64  | 446.01 | 799.37   | 1,152.59 | 1,505.98 | 1,859.39 | 2,212.80 | 2,566.20 | 2,919.61 | 3,272.44 | 3,597.34 | 3,868.90 | 4,128.98 | 4,378.47 |       |
| 1/4 | 100.00 | 453.37 | 806.73   | 1,159.95 | 1,513.35 | 1,866.75 | 2,220.06 | 2,573.57 | 2,926.97 | 3,279.78 | 3,603.11 | 3,874.45 | 4,134.30 | 4,383.55 |       |
| 1/2 | 107.37 | 460.73 | 814.10   | 1,167.30 | 1,520.71 | 1,874.11 | 2,227.52 | 2,580.93 | 2,934.34 | 3,287.13 | 3,608.88 | 3,879.99 | 4,139.60 | 4,388.63 |       |
| 3/4 | 114.73 | 468.09 | 821.46   | 1,174.66 | 1,528.07 | 1,881.48 | 2,234.88 | 2,588.29 | 2,941.70 | 3,294.47 | 3,614.64 | 3,885.53 | 4,144.90 | 4,393.70 |       |
| 4   | 122.09 | 475.46 | 828.82   | 1,182.03 | 1,535.43 | 1,888.84 | 2,242.25 | 2,595.65 | 2,949.06 | 3,301.82 | 3,620.41 | 3,891.02 | 4,150.20 | 4,398.76 |       |
| 1/4 | 129.45 | 482.82 | 836.17   | 1,189.39 | 1,542.80 | 1,896.20 | 2,249.61 | 2,603.02 | 2,956.42 | 3,309.16 | 3,626.18 | 3,896.51 | 4,155.49 | 4,403.82 |       |
| 1/2 | 136.81 | 490.18 | 843.53   | 1,196.75 | 1,550.16 | 1,903.57 | 2,256.97 | 2,609.38 | 2,963.79 | 3,316.50 | 3,631.94 | 3,901.99 | 4,160.78 | 4,408.88 |       |
| 3/4 | 144.18 | 497.54 | 850.89   | 1,204.11 | 1,557.52 | 1,910.93 | 2,264.34 | 2,617.14 | 2,971.15 | 3,323.85 | 3,637.71 | 3,907.47 | 4,166.06 | 4,413.87 |       |
| 5   | 151.54 | 504.90 | 858.25   | 1,211.48 | 1,564.88 | 1,918.29 | 2,271.70 | 2,625.11 | 2,978.51 | 3,331.19 | 3,643.48 | 3,912.94 | 4,171.34 | 4,418.67 |       |
| 1/4 | 158.90 | 512.26 | 865.61   | 1,218.84 | 1,572.25 | 1,925.65 | 2,279.06 | 2,632.47 | 2,985.88 | 3,338.54 | 3,649.24 | 3,918.41 | 4,176.61 | 4,423.27 |       |
| 1/2 | 166.26 | 519.62 | 872.97   | 1,226.20 | 1,579.61 | 1,933.02 | 2,286.42 | 2,639.82 | 2,993.24 | 3,345.88 | 3,655.01 | 3,923.87 | 4,181.88 | 4,427.67 |       |
| 3/4 | 173.62 | 526.99 | 880.32   | 1,233.56 | 1,586.97 | 1,940.38 | 2,293.79 | 2,647.19 | 3,000.60 | 3,353.22 | 3,660.78 | 3,929.33 | 4,187.14 | 4,431.88 |       |
| 6   | 180.98 | 534.35 | 887.68   | 1,240.93 | 1,594.33 | 1,947.74 | 2,301.15 | 2,654.56 | 3,007.96 | 3,360.57 | 3,666.44 | 3,934.79 | 4,192.40 | 4,435.89 |       |
| 1/4 | 188.35 | 541.71 | 895.04   | 1,248.29 | 1,601.70 | 1,955.10 | 2,308.51 | 2,661.92 | 3,015.33 | 3,367.91 | 3,672.10 | 3,940.24 | 4,197.66 | 4,439.70 |       |
| 1/2 | 195.71 | 549.07 | 902.40   | 1,255.65 | 1,609.06 | 1,962.47 | 2,315.87 | 2,669.28 | 3,022.69 | 3,375.26 | 3,677.76 | 3,945.68 | 4,202.90 | 4,443.32 |       |
| 3/4 | 203.07 | 556.43 | 909.76   | 1,263.01 | 1,616.42 | 1,969.83 | 2,323.24 | 2,676.64 | 3,030.05 | 3,382.60 | 3,683.42 | 3,951.12 | 4,208.15 | 4,446.74 |       |
| 7   | 210.43 | 563.80 | 917.12   | 1,270.38 | 1,623.78 | 1,977.19 | 2,330.60 | 2,684.01 | 3,037.40 | 3,389.94 | 3,689.08 | 3,956.55 | 4,213.39 | 4,449.96 |       |
| 1/4 | 217.79 | 571.16 | 924.48   | 1,277.74 | 1,631.15 | 1,984.55 | 2,337.96 | 2,691.37 | 3,044.74 | 3,397.29 | 3,694.74 | 3,961.98 | 4,218.62 | 4,452.99 |       |
| 1/2 | 225.16 | 578.52 | 931.83   | 1,285.10 | 1,638.51 | 1,991.92 | 2,345.32 | 2,698.73 | 3,052.09 | 3,404.63 | 3,700.40 | 3,967.41 | 4,223.85 | 4,455.81 |       |
| 3/4 | 232.52 | 585.88 | 939.19   | 1,292.47 | 1,645.87 | 1,999.28 | 2,352.69 | 2,706.09 | 3,059.43 | 3,411.98 | 3,706.06 | 3,972.83 | 4,229.07 | 4,458.45 |       |
| 8   | 239.88 | 593.24 | 946.55   | 1,299.83 | 1,653.24 | 2,006.64 | 2,360.05 | 2,713.46 | 3,066.78 | 3,419.32 | 3,711.71 | 3,978.28 | 4,234.29 | 4,460.88 |       |
| 1/4 | 247.24 | 600.61 | 953.91   | 1,307.19 | 1,660.60 | 2,014.01 | 2,367.41 | 2,720.82 | 3,074.13 | 3,426.66 | 3,717.37 | 3,983.73 | 4,239.51 | 4,463.12 |       |
| 1/2 | 254.60 | 607.97 | 961.27   | 1,314.55 | 1,667.96 | 2,021.37 | 2,374.78 | 2,728.18 | 3,081.47 | 3,434.01 | 3,723.03 | 3,989.17 | 4,244.71 | 4,465.16 |       |
| 3/4 | 261.97 | 615.33 | 968.63   | 1,321.92 | 1,675.32 | 2,028.73 | 2,382.14 | 2,735.55 | 3,088.82 | 3,441.35 | 3,728.69 | 3,994.61 | 4,249.92 | 4,467.01 |       |
| 9   | 269.33 | 622.69 | 975.98   | 1,329.28 | 1,682.69 | 2,036.09 | 2,389.50 | 2,742.91 | 3,096.16 | 3,448.60 | 3,734.35 | 4,000.04 | 4,255.12 | 4,468.65 |       |
| 1/4 | 276.69 | 630.05 | 983.34   | 1,336.64 | 1,690.05 | 2,043.46 | 2,396.86 | 2,750.27 | 3,103.51 | 3,455.74 | 3,740.61 | 4,005.40 | 4,260.31 | 4,470.10 |       |
| 1/2 | 284.05 | 637.42 | 990.70   | 1,344.00 | 1,697.41 | 2,050.82 | 2,404.23 | 2,757.63 | 3,110.86 | 3,462.79 | 3,745.67 | 4,010.90 | 4,265.50 | 4,471.36 |       |
| 3/4 | 291.41 | 644.78 | 998.06   | 1,351.37 | 1,704.77 | 2,058.18 | 2,411.59 | 2,765.00 | 3,118.20 | 3,469.74 | 3,751.32 | 4,016.32 | 4,270.69 | 4,472.41 |       |
| 10  | 298.78 | 652.14 | 1,005.42 | 1,358.73 | 1,712.14 | 2,065.54 | 2,418.95 | 2,772.36 | 3,125.55 | 3,476.59 | 3,756.97 | 4,021.73 | 4,275.87 | 4,473.27 |       |
| 1/4 | 306.14 | 659.50 | 1,012.78 | 1,366.09 | 1,719.50 | 2,072.91 | 2,426.31 | 2,779.72 | 3,132.89 | 3,483.34 | 3,762.82 | 4,027.14 | 4,281.04 | 4,473.94 |       |
| 1/2 | 313.50 | 666.86 | 1,020.14 | 1,373.45 | 1,726.86 | 2,080.27 | 2,433.68 | 2,787.08 | 3,140.24 | 3,490.00 | 3,768.25 | 4,032.54 | 4,286.21 | 4,474.40 |       |
| 3/4 | 320.86 | 674.23 | 1,027.49 | 1,380.82 | 1,734.22 | 2,089.63 | 2,441.04 | 2,794.45 | 3,147.59 | 3,496.55 | 3,773.89 | 4,037.94 | 4,291.38 |          |       |
| 11  | 328.22 | 681.59 | 1,034.85 | 1,388.18 | 1,741.59 | 2,094.99 | 2,448.40 | 2,801.81 | 3,154.93 | 3,503.01 | 3,779.51 | 4,043.34 | 4,296.54 |          |       |
| 1/4 | 335.58 | 688.95 | 1,042.21 | 1,395.54 | 1,748.95 | 2,102.36 | 2,455.76 | 2,809.17 | 3,162.28 | 3,509.37 | 3,785.14 | 4,048.73 | 4,301.70 |          |       |
| 1/2 | 342.95 | 696.31 | 1,049.57 | 1,402.91 | 1,756.31 | 2,109.72 | 2,463.13 | 2,816.53 | 3,169.62 | 3,515.63 | 3,790.76 | 4,054.11 | 4,306.85 |          |       |
| 3/4 | 350.31 | 703.67 | 1,056.93 | 1,410.27 | 1,763.68 | 2,117.08 | 2,470.49 | 2,823.90 | 3,176.97 | 3,521.79 | 3,796.37 | 4,059.49 | 4,311.99 |          |       |