



# BARGE "FMT 2030"

## PORT HORIZONTAL

### INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 0.12   | 0   | 188.10 | 0   | 525.25 | 0   | 950.42   | 0   | 1,438.02 | 0   | 1,971.63 | 0   | 2,538.65 | 0   | 3,128.47 | 0   | 3,731.59 | 0   | 4,339.09 |
| 1/4 | 1.27   | 1/4 | 194.01 | 1/4 | 533.38 | 1/4 | 960.05   | 1/4 | 1,448.74 | 1/4 | 1,983.16 | 1/4 | 2,550.75 | 1/4 | 3,140.94 | 1/4 | 3,744.24 | 1/4 | 4,351.73 |
| 1/2 | 2.41   | 1/2 | 199.92 | 1/2 | 541.51 | 1/2 | 969.67   | 1/2 | 1,459.47 | 1/2 | 1,994.70 | 1/2 | 2,562.86 | 1/2 | 3,153.41 | 1/2 | 3,756.88 | 1/2 | 4,364.36 |
| 3/4 | 3.55   | 3/4 | 205.83 | 3/4 | 549.64 | 3/4 | 979.30   | 3/4 | 1,470.19 | 3/4 | 2,006.23 | 3/4 | 2,574.96 | 3/4 | 3,165.88 | 3/4 | 3,769.53 | 3/4 | 4,377.00 |
| 1   | 4.70   | 1   | 211.74 | 1   | 557.78 | 1   | 988.93   | 1   | 1,480.92 | 1   | 2,017.76 | 1   | 2,587.07 | 1   | 3,178.35 | 1   | 3,782.17 | 1   | 4,389.64 |
| 1/4 | 6.79   | 1/4 | 217.88 | 1/4 | 566.05 | 1/4 | 998.66   | 1/4 | 1,491.72 | 1/4 | 2,029.35 | 1/4 | 2,599.21 | 1/4 | 3,190.84 | 1/4 | 3,794.82 | 1/4 | 4,402.27 |
| 1/2 | 8.88   | 1/2 | 224.01 | 1/2 | 574.33 | 1/2 | 1,008.39 | 1/2 | 1,502.53 | 1/2 | 2,040.94 | 1/2 | 2,611.35 | 1/2 | 3,203.33 | 1/2 | 3,807.47 | 1/2 | 4,414.89 |
| 3/4 | 10.97  | 3/4 | 230.14 | 3/4 | 582.60 | 3/4 | 1,018.13 | 3/4 | 1,513.33 | 3/4 | 2,052.53 | 3/4 | 2,623.49 | 3/4 | 3,215.82 | 3/4 | 3,820.12 | 3/4 | 4,427.52 |
| 2   | 13.06  | 2   | 236.27 | 2   | 590.88 | 2   | 1,027.86 | 2   | 1,524.13 | 2   | 2,064.12 | 2   | 2,635.64 | 2   | 3,228.31 | 2   | 3,832.77 | 2   | 4,440.15 |
| 1/4 | 15.77  | 1/4 | 242.65 | 1/4 | 599.30 | 1/4 | 1,037.69 | 1/4 | 1,535.01 | 1/4 | 2,075.76 | 1/4 | 2,647.82 | 1/4 | 3,240.82 | 1/4 | 3,845.43 | 1/4 | 4,452.77 |
| 1/2 | 18.47  | 1/2 | 249.02 | 1/2 | 607.71 | 1/2 | 1,047.53 | 1/2 | 1,545.89 | 1/2 | 2,087.41 | 1/2 | 2,659.99 | 1/2 | 3,253.33 | 1/2 | 3,858.09 | 1/2 | 4,465.39 |
| 3/4 | 21.18  | 3/4 | 255.39 | 3/4 | 616.13 | 3/4 | 1,057.36 | 3/4 | 1,556.77 | 3/4 | 2,099.05 | 3/4 | 2,672.17 | 3/4 | 3,265.85 | 3/4 | 3,870.74 | 3/4 | 4,478.01 |
| 3   | 23.88  | 3   | 261.76 | 3   | 624.55 | 3   | 1,067.20 | 3   | 1,567.65 | 3   | 2,110.69 | 3   | 2,684.35 | 3   | 3,278.36 | 3   | 3,883.40 | 3   | 4,490.62 |
| 1/4 | 27.08  | 1/4 | 268.36 | 1/4 | 633.10 | 1/4 | 1,077.13 | 1/4 | 1,578.60 | 1/4 | 2,122.39 | 1/4 | 2,696.57 | 1/4 | 3,290.89 | 1/4 | 3,896.06 | 1/4 | 4,503.23 |
| 1/2 | 30.28  | 1/2 | 274.96 | 1/2 | 641.65 | 1/2 | 1,087.07 | 1/2 | 1,589.55 | 1/2 | 2,134.09 | 1/2 | 2,708.78 | 1/2 | 3,303.42 | 1/2 | 3,908.72 | 1/2 | 4,515.84 |
| 3/4 | 33.49  | 3/4 | 281.56 | 3/4 | 650.21 | 3/4 | 1,097.00 | 3/4 | 1,600.50 | 3/4 | 2,145.78 | 3/4 | 2,720.99 | 3/4 | 3,315.95 | 3/4 | 3,921.38 | 3/4 | 4,528.44 |
| 4   | 36.69  | 4   | 288.16 | 4   | 658.76 | 4   | 1,106.93 | 4   | 1,611.45 | 4   | 2,157.48 | 4   | 2,733.21 | 4   | 3,328.48 | 4   | 3,934.04 | 4   | 4,541.05 |
| 1/4 | 40.31  | 1/4 | 294.95 | 1/4 | 667.45 | 1/4 | 1,116.97 | 1/4 | 1,622.48 | 1/4 | 2,169.23 | 1/4 | 2,745.46 | 1/4 | 3,341.03 | 1/4 | 3,946.70 | 1/4 | 4,553.64 |
| 1/2 | 43.94  | 1/2 | 301.75 | 1/2 | 676.13 | 1/2 | 1,127.00 | 1/2 | 1,633.50 | 1/2 | 2,180.98 | 1/2 | 2,757.70 | 1/2 | 3,353.58 | 1/2 | 3,959.36 | 1/2 | 4,566.24 |
| 3/4 | 47.56  | 3/4 | 308.54 | 3/4 | 684.82 | 3/4 | 1,137.03 | 3/4 | 1,644.52 | 3/4 | 2,192.72 | 3/4 | 2,769.95 | 3/4 | 3,366.13 | 3/4 | 3,972.02 | 3/4 | 4,578.83 |
| 5   | 51.19  | 5   | 315.34 | 5   | 693.50 | 5   | 1,147.06 | 5   | 1,655.55 | 5   | 2,204.47 | 5   | 2,782.20 | 5   | 3,378.67 | 5   | 3,984.69 | 5   | 4,591.43 |
| 1/4 | 55.19  | 1/4 | 322.32 | 1/4 | 702.32 | 1/4 | 1,157.18 | 1/4 | 1,666.64 | 1/4 | 2,216.27 | 1/4 | 2,794.48 | 1/4 | 3,391.24 | 1/4 | 3,997.35 | 1/4 | 4,604.01 |
| 1/2 | 59.20  | 1/2 | 329.30 | 1/2 | 711.13 | 1/2 | 1,167.31 | 1/2 | 1,677.74 | 1/2 | 2,228.07 | 1/2 | 2,806.76 | 1/2 | 3,403.80 | 1/2 | 4,010.01 | 1/2 | 4,616.59 |
| 3/4 | 63.20  | 3/4 | 336.28 | 3/4 | 719.95 | 3/4 | 1,177.44 | 3/4 | 1,688.83 | 3/4 | 2,239.86 | 3/4 | 2,819.04 | 3/4 | 3,416.37 | 3/4 | 4,022.68 | 3/4 | 4,629.17 |
| 6   | 67.20  | 6   | 343.27 | 6   | 728.76 | 6   | 1,187.56 | 6   | 1,699.92 | 6   | 2,251.66 | 6   | 2,831.32 | 6   | 3,428.93 | 6   | 4,035.34 | 6   | 4,641.75 |
| 1/4 | 71.55  | 1/4 | 350.43 | 1/4 | 737.70 | 1/4 | 1,197.78 | 1/4 | 1,711.08 | 1/4 | 2,263.51 | 1/4 | 2,843.63 | 1/4 | 3,441.51 | 1/4 | 4,048.00 | 1/4 | 4,654.31 |
| 1/2 | 75.89  | 1/2 | 357.60 | 1/2 | 746.64 | 1/2 | 1,208.00 | 1/2 | 1,722.24 | 1/2 | 2,275.35 | 1/2 | 2,855.94 | 1/2 | 3,454.09 | 1/2 | 4,060.67 | 1/2 | 4,666.88 |
| 3/4 | 80.24  | 3/4 | 364.76 | 3/4 | 755.58 | 3/4 | 1,218.22 | 3/4 | 1,733.41 | 3/4 | 2,287.20 | 3/4 | 2,868.26 | 3/4 | 3,466.67 | 3/4 | 4,073.33 | 3/4 | 4,679.44 |
| 7   | 84.59  | 7   | 371.92 | 7   | 764.53 | 7   | 1,228.43 | 7   | 1,744.57 | 7   | 2,299.05 | 7   | 2,880.57 | 7   | 3,479.25 | 7   | 4,085.99 | 7   | 4,692.01 |
| 1/4 | 89.25  | 1/4 | 379.26 | 1/4 | 773.59 | 1/4 | 1,238.74 | 1/4 | 1,755.80 | 1/4 | 2,310.94 | 1/4 | 2,892.91 | 1/4 | 3,491.85 | 1/4 | 4,098.66 | 1/4 | 4,704.56 |
| 1/2 | 93.91  | 1/2 | 386.60 | 1/2 | 782.65 | 1/2 | 1,249.05 | 1/2 | 1,767.02 | 1/2 | 2,322.83 | 1/2 | 2,905.25 | 1/2 | 3,504.44 | 1/2 | 4,111.32 | 1/2 | 4,717.10 |
| 3/4 | 98.57  | 3/4 | 393.94 | 3/4 | 791.71 | 3/4 | 1,259.36 | 3/4 | 1,778.25 | 3/4 | 2,334.72 | 3/4 | 2,917.59 | 3/4 | 3,517.04 | 3/4 | 4,123.98 | 3/4 | 4,729.65 |
| 8   | 103.23 | 8   | 401.28 | 8   | 800.78 | 8   | 1,269.67 | 8   | 1,789.48 | 8   | 2,346.62 | 8   | 2,929.93 | 8   | 3,529.63 | 8   | 4,136.64 | 8   | 4,742.20 |
| 1/4 | 108.16 | 1/4 | 408.79 | 1/4 | 809.96 | 1/4 | 1,280.06 | 1/4 | 1,800.77 | 1/4 | 2,358.55 | 1/4 | 2,942.30 | 1/4 | 3,542.24 | 1/4 | 4,149.30 | 1/4 | 4,754.73 |
| 1/2 | 113.09 | 1/2 | 416.29 | 1/2 | 819.14 | 1/2 | 1,290.46 | 1/2 | 1,812.06 | 1/2 | 2,370.49 | 1/2 | 2,954.67 | 1/2 | 3,554.84 | 1/2 | 4,161.96 | 1/2 | 4,767.26 |
| 3/4 | 118.01 | 3/4 | 423.80 | 3/4 | 828.32 | 3/4 | 1,300.85 | 3/4 | 1,823.35 | 3/4 | 2,382.43 | 3/4 | 2,967.04 | 3/4 | 3,567.45 | 3/4 | 4,174.62 | 3/4 | 4,779.79 |
| 9   | 122.94 | 9   | 431.31 | 9   | 837.50 | 9   | 1,311.25 | 9   | 1,834.65 | 9   | 2,394.37 | 9   | 2,979.41 | 9   | 3,580.06 | 9   | 4,187.28 | 9   | 4,792.32 |
| 1/4 | 128.12 | 1/4 | 438.98 | 1/4 | 846.80 | 1/4 | 1,321.73 | 1/4 | 1,846.00 | 1/4 | 2,406.35 | 1/4 | 2,991.81 | 1/4 | 3,592.68 | 1/4 | 4,199.94 | 1/4 | 4,804.84 |
| 1/2 | 133.29 | 1/2 | 446.65 | 1/2 | 856.10 | 1/2 | 1,332.21 | 1/2 | 1,857.36 | 1/2 | 2,418.33 | 1/2 | 3,004.20 | 1/2 | 3,605.29 | 1/2 | 4,212.60 | 1/2 | 4,817.35 |
| 3/4 | 138.47 | 3/4 | 454.32 | 3/4 | 865.39 | 3/4 | 1,342.69 | 3/4 | 1,868.71 | 3/4 | 2,430.31 | 3/4 | 3,016.60 | 3/4 | 3,617.91 | 3/4 | 4,225.25 | 3/4 | 4,829.86 |
| 10  | 143.65 | 10  | 462.00 | 10  | 874.69 | 10  | 1,353.17 | 10  | 1,880.07 | 10  | 2,442.29 | 10  | 3,028.99 | 10  | 3,630.53 | 10  | 4,237.91 | 10  | 4,842.37 |
| 1/4 | 149.08 | 1/4 | 469.83 | 1/4 | 884.10 | 1/4 | 1,363.74 | 1/4 | 1,891.48 | 1/4 | 2,454.32 | 1/4 | 3,041.42 | 1/4 | 3,643.16 | 1/4 | 4,250.56 | 1/4 | 4,854.86 |
| 1/2 | 154.51 | 1/2 | 477.66 | 1/2 | 893.51 | 1/2 | 1,374.30 | 1/2 | 1,902.90 | 1/2 | 2,466.34 | 1/2 | 3,053.84 | 1/2 | 3,655.79 | 1/2 | 4,263.21 | 1/2 | 4,867.35 |
| 3/4 | 159.95 | 3/4 | 485.49 | 3/4 | 902.92 | 3/4 | 1,384.87 | 3/4 | 1,914.31 | 3/4 | 2,478.37 | 3/4 | 3,066.26 | 3/4 | 3,668.41 | 3/4 | 4,275.86 | 3/4 | 4,879.84 |
| 11  | 165.38 | 11  | 493.31 | 11  | 912.33 | 11  | 1,395.43 | 11  | 1,925.73 | 11  | 2,490.39 | 11  | 3,078.68 | 11  | 3,681.04 | 11  | 4,288.51 | 11  | 4,892.33 |
| 1/4 | 171.06 | 1/4 | 501.30 | 1/4 | 921.86 | 1/4 | 1,406.08 | 1/4 | 1,937.21 | 1/4 | 2,502.45 | 1/4 | 3,091.13 | 1/4 | 3,693.68 | 1/4 | 4,301.16 | 1/4 | 4,904.80 |
| 1/2 | 176.74 | 1/2 | 509.28 | 1/2 | 931.38 | 1/2 | 1,416.73 | 1/2 | 1,948.68 | 1/2 | 2,514.52 | 1/2 | 3,103.58 | 1/2 | 3,706.32 | 1/2 | 4,313.80 | 1/2 | 4,917.27 |
| 3/4 | 182.42 | 3/4 | 517.26 | 3/4 | 940.90 | 3/4 | 1,427.37 | 3/4 | 1,960.16 | 3/4 | 2,526.58 | 3/4 | 3,116.02 | 3/4 | 3,718.95 | 3/4 | 4,326.45 | 3/4 | 4,929.74 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "FMT 2030"

## PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT.   | IN  | 16 FT.   | IN  | 17 FT.   | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|
| 0   | 4,942.21 | 0   | 5,532.03 | 0   | 6,099.05 | 0   | 6,632.66 | 0   | 7,120.26 | 0   | 7,545.43 | 0   | 7,883.10 | 0   | 8,071.80 | 0   |        | 0   |        |
| 1/4 | 4,954.66 | 1/4 | 5,544.10 | 1/4 | 6,110.53 | 1/4 | 6,643.31 | 1/4 | 7,129.78 | 1/4 | 7,553.42 | 1/4 | 7,888.83 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 4,967.11 | 1/2 | 5,556.16 | 1/2 | 6,122.00 | 1/2 | 6,653.96 | 1/2 | 7,139.31 | 1/2 | 7,561.40 | 1/2 | 7,894.56 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 4,979.55 | 3/4 | 5,568.23 | 3/4 | 6,133.48 | 3/4 | 6,664.60 | 3/4 | 7,148.83 | 3/4 | 7,569.38 | 3/4 | 7,900.29 | 3/4 |          | 3/4 |        | 3/4 |        |
| 1   | 4,992.00 | 1   | 5,580.29 | 1   | 6,144.95 | 1   | 6,675.25 | 1   | 7,158.35 | 1   | 7,577.37 | 1   | 7,906.02 | 1   |          | 1   |        | 1   |        |
| 1/4 | 5,004.42 | 1/4 | 5,592.32 | 1/4 | 6,156.37 | 1/4 | 6,685.81 | 1/4 | 7,167.76 | 1/4 | 7,585.20 | 1/4 | 7,911.51 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,016.84 | 1/2 | 5,604.34 | 1/2 | 6,167.78 | 1/2 | 6,696.38 | 1/2 | 7,177.17 | 1/2 | 7,593.03 | 1/2 | 7,916.99 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,029.26 | 3/4 | 5,616.36 | 3/4 | 6,179.20 | 3/4 | 6,706.94 | 3/4 | 7,186.58 | 3/4 | 7,600.86 | 3/4 | 7,922.48 | 3/4 |          | 3/4 |        | 3/4 |        |
| 2   | 5,041.69 | 2   | 5,628.39 | 2   | 6,190.62 | 2   | 6,717.51 | 2   | 7,195.99 | 2   | 7,608.69 | 2   | 7,927.97 | 2   |          | 2   |        | 2   |        |
| 1/4 | 5,054.08 | 1/4 | 5,640.37 | 1/4 | 6,201.97 | 1/4 | 6,727.99 | 1/4 | 7,205.29 | 1/4 | 7,616.36 | 1/4 | 7,933.19 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,066.48 | 1/2 | 5,652.35 | 1/2 | 6,213.32 | 1/2 | 6,738.47 | 1/2 | 7,214.58 | 1/2 | 7,624.03 | 1/2 | 7,938.42 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,078.88 | 3/4 | 5,664.33 | 3/4 | 6,224.68 | 3/4 | 6,748.95 | 3/4 | 7,223.88 | 3/4 | 7,631.70 | 3/4 | 7,943.65 | 3/4 |          | 3/4 |        | 3/4 |        |
| 3   | 5,091.27 | 3   | 5,676.31 | 3   | 6,236.03 | 3   | 6,759.43 | 3   | 7,233.18 | 3   | 7,639.37 | 3   | 7,948.88 | 3   |          | 3   |        | 3   |        |
| 1/4 | 5,103.64 | 1/4 | 5,688.25 | 1/4 | 6,247.33 | 1/4 | 6,769.83 | 1/4 | 7,242.36 | 1/4 | 7,646.88 | 1/4 | 7,953.83 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,116.01 | 1/2 | 5,700.19 | 1/2 | 6,258.62 | 1/2 | 6,780.22 | 1/2 | 7,251.54 | 1/2 | 7,654.39 | 1/2 | 7,958.78 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,128.38 | 3/4 | 5,712.13 | 3/4 | 6,269.91 | 3/4 | 6,790.62 | 3/4 | 7,260.72 | 3/4 | 7,661.89 | 3/4 | 7,963.74 | 3/4 |          | 3/4 |        | 3/4 |        |
| 4   | 5,140.75 | 4   | 5,724.07 | 4   | 6,281.20 | 4   | 6,801.02 | 4   | 7,269.91 | 4   | 7,669.40 | 4   | 7,968.69 | 4   |          | 4   |        | 4   |        |
| 1/4 | 5,153.09 | 1/4 | 5,735.96 | 1/4 | 6,292.43 | 1/4 | 6,811.32 | 1/4 | 7,278.97 | 1/4 | 7,676.74 | 1/4 | 7,973.35 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,165.43 | 1/2 | 5,747.85 | 1/2 | 6,303.66 | 1/2 | 6,821.63 | 1/2 | 7,288.03 | 1/2 | 7,684.08 | 1/2 | 7,978.01 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,177.77 | 3/4 | 5,759.74 | 3/4 | 6,314.89 | 3/4 | 6,831.94 | 3/4 | 7,297.09 | 3/4 | 7,691.42 | 3/4 | 7,982.67 | 3/4 |          | 3/4 |        | 3/4 |        |
| 5   | 5,190.11 | 5   | 5,771.64 | 5   | 6,326.11 | 5   | 6,842.25 | 5   | 7,306.16 | 5   | 7,698.76 | 5   | 7,987.34 | 5   |          | 5   |        | 5   |        |
| 1/4 | 5,202.43 | 1/4 | 5,783.48 | 1/4 | 6,337.27 | 1/4 | 6,852.47 | 1/4 | 7,315.10 | 1/4 | 7,705.92 | 1/4 | 7,991.68 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,214.74 | 1/2 | 5,795.33 | 1/2 | 6,348.44 | 1/2 | 6,862.68 | 1/2 | 7,324.04 | 1/2 | 7,713.09 | 1/2 | 7,996.03 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,227.05 | 3/4 | 5,807.17 | 3/4 | 6,359.60 | 3/4 | 6,872.90 | 3/4 | 7,332.98 | 3/4 | 7,720.25 | 3/4 | 8,000.37 | 3/4 |          | 3/4 |        | 3/4 |        |
| 6   | 5,239.36 | 6   | 5,819.02 | 6   | 6,370.76 | 6   | 6,883.12 | 6   | 7,341.92 | 6   | 7,727.41 | 6   | 8,004.72 | 6   |          | 6   |        | 6   |        |
| 1/4 | 5,251.64 | 1/4 | 5,830.82 | 1/4 | 6,381.85 | 1/4 | 6,893.25 | 1/4 | 7,350.73 | 1/4 | 7,734.40 | 1/4 | 8,008.72 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,263.92 | 1/2 | 5,842.62 | 1/2 | 6,392.95 | 1/2 | 6,903.37 | 1/2 | 7,359.55 | 1/2 | 7,741.38 | 1/2 | 8,012.73 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,276.20 | 3/4 | 5,854.41 | 3/4 | 6,404.04 | 3/4 | 6,913.50 | 3/4 | 7,368.36 | 3/4 | 7,748.36 | 3/4 | 8,016.73 | 3/4 |          | 3/4 |        | 3/4 |        |
| 7   | 5,288.48 | 7   | 5,866.21 | 7   | 6,415.13 | 7   | 6,923.62 | 7   | 7,377.18 | 7   | 7,755.35 | 7   | 8,020.73 | 7   |          | 7   |        | 7   |        |
| 1/4 | 5,300.73 | 1/4 | 5,877.96 | 1/4 | 6,426.16 | 1/4 | 6,933.65 | 1/4 | 7,385.86 | 1/4 | 7,762.14 | 1/4 | 8,024.36 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,312.98 | 1/2 | 5,889.71 | 1/2 | 6,437.18 | 1/2 | 6,943.68 | 1/2 | 7,394.55 | 1/2 | 7,768.94 | 1/2 | 8,027.98 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,325.23 | 3/4 | 5,901.45 | 3/4 | 6,448.20 | 3/4 | 6,953.72 | 3/4 | 7,403.23 | 3/4 | 7,775.73 | 3/4 | 8,031.61 | 3/4 |          | 3/4 |        | 3/4 |        |
| 8   | 5,337.47 | 8   | 5,913.20 | 8   | 6,459.23 | 8   | 6,963.75 | 8   | 7,411.92 | 8   | 7,782.53 | 8   | 8,035.24 | 8   |          | 8   |        | 8   |        |
| 1/4 | 5,349.69 | 1/4 | 5,924.90 | 1/4 | 6,470.18 | 1/4 | 6,973.68 | 1/4 | 7,420.47 | 1/4 | 7,789.12 | 1/4 | 8,038.44 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,361.90 | 1/2 | 5,936.59 | 1/2 | 6,481.13 | 1/2 | 6,983.61 | 1/2 | 7,429.03 | 1/2 | 7,795.72 | 1/2 | 8,041.64 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,374.12 | 3/4 | 5,948.29 | 3/4 | 6,492.08 | 3/4 | 6,993.55 | 3/4 | 7,437.58 | 3/4 | 7,802.32 | 3/4 | 8,044.84 | 3/4 |          | 3/4 |        | 3/4 |        |
| 9   | 5,386.33 | 9   | 5,959.99 | 9   | 6,503.04 | 9   | 7,003.48 | 9   | 7,446.13 | 9   | 7,808.92 | 9   | 8,048.04 | 9   |          | 9   |        | 9   |        |
| 1/4 | 5,398.51 | 1/4 | 5,971.63 | 1/4 | 6,513.91 | 1/4 | 7,013.32 | 1/4 | 7,454.55 | 1/4 | 7,815.32 | 1/4 | 8,050.74 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,410.69 | 1/2 | 5,983.27 | 1/2 | 6,524.79 | 1/2 | 7,023.15 | 1/2 | 7,462.97 | 1/2 | 7,821.72 | 1/2 | 8,053.45 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,422.87 | 3/4 | 5,994.92 | 3/4 | 6,535.67 | 3/4 | 7,032.99 | 3/4 | 7,471.38 | 3/4 | 7,828.11 | 3/4 | 8,056.16 | 3/4 |          | 3/4 |        | 3/4 |        |
| 10  | 5,435.05 | 10  | 6,006.56 | 10  | 6,546.55 | 10  | 7,042.82 | 10  | 7,479.80 | 10  | 7,834.51 | 10  | 8,058.86 | 10  |          | 10  |        | 10  |        |
| 1/4 | 5,447.19 | 1/4 | 6,018.15 | 1/4 | 6,557.35 | 1/4 | 7,052.55 | 1/4 | 7,488.08 | 1/4 | 7,840.69 | 1/4 | 8,060.95 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,459.33 | 1/2 | 6,029.74 | 1/2 | 6,568.16 | 1/2 | 7,062.29 | 1/2 | 7,496.35 | 1/2 | 7,846.88 | 1/2 | 8,063.04 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,471.47 | 3/4 | 6,041.33 | 3/4 | 6,578.96 | 3/4 | 7,072.02 | 3/4 | 7,504.63 | 3/4 | 7,853.06 | 3/4 | 8,065.13 | 3/4 |          | 3/4 |        | 3/4 |        |
| 11  | 5,483.61 | 11  | 6,052.92 | 11  | 6,589.76 | 11  | 7,081.75 | 11  | 7,512.91 | 11  | 7,859.25 | 11  | 8,067.22 | 11  |          | 11  |        | 11  |        |
| 1/4 | 5,495.72 | 1/4 | 6,064.45 | 1/4 | 6,600.49 | 1/4 | 7,091.38 | 1/4 | 7,521.04 | 1/4 | 7,865.21 | 1/4 | 8,068.37 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,507.82 | 1/2 | 6,075.98 | 1/2 | 6,611.21 | 1/2 | 7,101.01 | 1/2 | 7,529.17 | 1/2 | 7,871.17 | 1/2 | 8,069.51 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,519.93 | 3/4 | 6,087.52 | 3/4 | 6,621.94 | 3/4 | 7,110.64 | 3/4 | 7,537.30 | 3/4 | 7,877.14 | 3/4 | 8,070.65 | 3/4 |          | 3/4 |        | 3/4 |        |

STRAPPED: 12/09/2013 CL - SW  
CALCULATED: 12/10/2013 CL  
PRINTED: 12/10/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2013

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



# BARGE "FMT 2030"

## STBD HORIZONTAL

### INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 0.12   | 0   | 188.15 | 0   | 525.41 | 0   | 950.75   | 0   | 1,438.56 | 0   | 1,972.42 | 0   | 2,539.72 | 0   | 3,129.83 | 0   | 3,733.26 | 0   | 4,341.07 |
| 1/4 | 1.27   | 1/4 | 194.06 | 1/4 | 533.55 | 1/4 | 960.38   | 1/4 | 1,449.29 | 1/4 | 1,983.96 | 1/4 | 2,551.83 | 1/4 | 3,142.31 | 1/4 | 3,745.91 | 1/4 | 4,353.71 |
| 1/2 | 2.41   | 1/2 | 199.97 | 1/2 | 541.68 | 1/2 | 970.01   | 1/2 | 1,460.02 | 1/2 | 1,995.50 | 1/2 | 2,563.94 | 1/2 | 3,154.78 | 1/2 | 3,758.56 | 1/2 | 4,366.36 |
| 3/4 | 3.55   | 3/4 | 205.88 | 3/4 | 549.82 | 3/4 | 979.65   | 3/4 | 1,470.75 | 3/4 | 2,007.04 | 3/4 | 2,576.05 | 3/4 | 3,167.26 | 3/4 | 3,771.21 | 3/4 | 4,379.00 |
| 1   | 4.70   | 1   | 211.80 | 1   | 557.95 | 1   | 989.28   | 1   | 1,481.48 | 1   | 2,018.58 | 1   | 2,588.16 | 1   | 3,179.73 | 1   | 3,783.87 | 1   | 4,391.64 |
| 1/4 | 6.79   | 1/4 | 217.93 | 1/4 | 566.23 | 1/4 | 999.01   | 1/4 | 1,492.29 | 1/4 | 2,030.17 | 1/4 | 2,600.31 | 1/4 | 3,192.23 | 1/4 | 3,796.52 | 1/4 | 4,404.28 |
| 1/2 | 8.88   | 1/2 | 224.07 | 1/2 | 574.51 | 1/2 | 1,008.75 | 1/2 | 1,503.10 | 1/2 | 2,041.77 | 1/2 | 2,612.46 | 1/2 | 3,204.73 | 1/2 | 3,809.18 | 1/2 | 4,416.91 |
| 3/4 | 10.97  | 3/4 | 230.20 | 3/4 | 582.79 | 3/4 | 1,018.49 | 3/4 | 1,513.91 | 3/4 | 2,053.36 | 3/4 | 2,624.60 | 3/4 | 3,217.23 | 3/4 | 3,821.84 | 3/4 | 4,429.55 |
| 2   | 13.06  | 2   | 236.34 | 2   | 591.07 | 2   | 1,028.22 | 2   | 1,524.72 | 2   | 2,064.96 | 2   | 2,636.75 | 2   | 3,229.72 | 2   | 3,834.50 | 2   | 4,442.18 |
| 1/4 | 15.77  | 1/4 | 242.71 | 1/4 | 599.49 | 1/4 | 1,038.06 | 1/4 | 1,535.60 | 1/4 | 2,076.61 | 1/4 | 2,648.94 | 1/4 | 3,242.24 | 1/4 | 3,847.16 | 1/4 | 4,454.81 |
| 1/2 | 18.48  | 1/2 | 249.08 | 1/2 | 607.91 | 1/2 | 1,047.90 | 1/2 | 1,546.48 | 1/2 | 2,088.25 | 1/2 | 2,661.12 | 1/2 | 3,254.76 | 1/2 | 3,859.82 | 1/2 | 4,467.43 |
| 3/4 | 21.18  | 3/4 | 255.46 | 3/4 | 616.33 | 3/4 | 1,057.74 | 3/4 | 1,557.37 | 3/4 | 2,099.90 | 3/4 | 2,673.31 | 3/4 | 3,267.28 | 3/4 | 3,872.48 | 3/4 | 4,480.06 |
| 3   | 23.89  | 3   | 261.83 | 3   | 624.75 | 3   | 1,067.58 | 3   | 1,568.25 | 3   | 2,111.55 | 3   | 2,685.49 | 3   | 3,279.80 | 3   | 3,885.15 | 3   | 4,492.68 |
| 1/4 | 27.09  | 1/4 | 268.43 | 1/4 | 633.31 | 1/4 | 1,077.52 | 1/4 | 1,579.21 | 1/4 | 2,123.25 | 1/4 | 2,697.71 | 1/4 | 3,292.33 | 1/4 | 3,897.81 | 1/4 | 4,505.29 |
| 1/2 | 30.29  | 1/2 | 275.03 | 1/2 | 641.86 | 1/2 | 1,087.46 | 1/2 | 1,590.16 | 1/2 | 2,134.96 | 1/2 | 2,709.93 | 1/2 | 3,304.87 | 1/2 | 3,910.48 | 1/2 | 4,517.91 |
| 3/4 | 33.49  | 3/4 | 281.63 | 3/4 | 650.42 | 3/4 | 1,097.39 | 3/4 | 1,601.12 | 3/4 | 2,146.66 | 3/4 | 2,722.15 | 3/4 | 3,317.41 | 3/4 | 3,923.14 | 3/4 | 4,530.52 |
| 4   | 36.69  | 4   | 288.24 | 4   | 658.97 | 4   | 1,107.33 | 4   | 1,612.08 | 4   | 2,158.36 | 4   | 2,734.37 | 4   | 3,329.94 | 4   | 3,935.81 | 4   | 4,543.13 |
| 1/4 | 40.32  | 1/4 | 295.03 | 1/4 | 667.66 | 1/4 | 1,117.37 | 1/4 | 1,623.11 | 1/4 | 2,170.11 | 1/4 | 2,746.63 | 1/4 | 3,342.50 | 1/4 | 3,948.48 | 1/4 | 4,555.73 |
| 1/2 | 43.95  | 1/2 | 301.83 | 1/2 | 676.35 | 1/2 | 1,127.40 | 1/2 | 1,634.13 | 1/2 | 2,181.87 | 1/2 | 2,758.88 | 1/2 | 3,355.05 | 1/2 | 3,961.15 | 1/2 | 4,568.33 |
| 3/4 | 47.57  | 3/4 | 308.63 | 3/4 | 685.04 | 3/4 | 1,137.44 | 3/4 | 1,645.16 | 3/4 | 2,193.62 | 3/4 | 2,771.13 | 3/4 | 3,367.61 | 3/4 | 3,973.82 | 3/4 | 4,580.94 |
| 5   | 51.20  | 5   | 315.42 | 5   | 693.73 | 5   | 1,147.47 | 5   | 1,656.19 | 5   | 2,205.38 | 5   | 2,783.39 | 5   | 3,380.16 | 5   | 3,986.49 | 5   | 4,593.54 |
| 1/4 | 55.20  | 1/4 | 322.41 | 1/4 | 702.55 | 1/4 | 1,157.60 | 1/4 | 1,667.29 | 1/4 | 2,217.18 | 1/4 | 2,795.68 | 1/4 | 3,392.73 | 1/4 | 3,999.16 | 1/4 | 4,606.12 |
| 1/2 | 59.21  | 1/2 | 329.40 | 1/2 | 711.37 | 1/2 | 1,167.73 | 1/2 | 1,678.39 | 1/2 | 2,228.98 | 1/2 | 2,807.96 | 1/2 | 3,405.31 | 1/2 | 4,011.83 | 1/2 | 4,618.71 |
| 3/4 | 63.21  | 3/4 | 336.38 | 3/4 | 720.19 | 3/4 | 1,177.86 | 3/4 | 1,689.49 | 3/4 | 2,240.79 | 3/4 | 2,820.25 | 3/4 | 3,417.88 | 3/4 | 4,024.50 | 3/4 | 4,631.30 |
| 6   | 67.22  | 6   | 343.37 | 6   | 729.00 | 6   | 1,187.99 | 6   | 1,700.59 | 6   | 2,252.59 | 6   | 2,832.53 | 6   | 3,430.45 | 6   | 4,037.17 | 6   | 4,643.88 |
| 1/4 | 71.56  | 1/4 | 350.53 | 1/4 | 737.95 | 1/4 | 1,198.22 | 1/4 | 1,711.75 | 1/4 | 2,264.44 | 1/4 | 2,844.85 | 1/4 | 3,443.04 | 1/4 | 4,049.84 | 1/4 | 4,656.45 |
| 1/2 | 75.91  | 1/2 | 357.70 | 1/2 | 746.89 | 1/2 | 1,208.44 | 1/2 | 1,722.92 | 1/2 | 2,276.29 | 1/2 | 2,857.17 | 1/2 | 3,455.62 | 1/2 | 4,062.51 | 1/2 | 4,669.02 |
| 3/4 | 80.26  | 3/4 | 364.87 | 3/4 | 755.84 | 3/4 | 1,218.66 | 3/4 | 1,734.09 | 3/4 | 2,288.14 | 3/4 | 2,869.49 | 3/4 | 3,468.21 | 3/4 | 4,075.18 | 3/4 | 4,681.60 |
| 7   | 84.61  | 7   | 372.03 | 7   | 764.78 | 7   | 1,228.88 | 7   | 1,745.25 | 7   | 2,300.00 | 7   | 2,881.81 | 7   | 3,480.80 | 7   | 4,087.85 | 7   | 4,694.17 |
| 1/4 | 89.27  | 1/4 | 379.37 | 1/4 | 773.85 | 1/4 | 1,239.20 | 1/4 | 1,756.49 | 1/4 | 2,311.89 | 1/4 | 2,894.15 | 1/4 | 3,493.40 | 1/4 | 4,100.51 | 1/4 | 4,706.72 |
| 1/2 | 93.93  | 1/2 | 386.71 | 1/2 | 782.91 | 1/2 | 1,249.51 | 1/2 | 1,767.72 | 1/2 | 2,323.79 | 1/2 | 2,906.50 | 1/2 | 3,506.00 | 1/2 | 4,113.18 | 1/2 | 4,719.28 |
| 3/4 | 98.59  | 3/4 | 394.06 | 3/4 | 791.98 | 3/4 | 1,259.82 | 3/4 | 1,778.95 | 3/4 | 2,335.69 | 3/4 | 2,918.85 | 3/4 | 3,518.60 | 3/4 | 4,125.85 | 3/4 | 4,731.83 |
| 8   | 103.25 | 8   | 401.40 | 8   | 801.05 | 8   | 1,270.13 | 8   | 1,790.18 | 8   | 2,347.59 | 8   | 2,931.19 | 8   | 3,531.20 | 8   | 4,138.52 | 8   | 4,744.39 |
| 1/4 | 108.18 | 1/4 | 408.91 | 1/4 | 810.23 | 1/4 | 1,280.53 | 1/4 | 1,801.48 | 1/4 | 2,359.53 | 1/4 | 2,943.57 | 1/4 | 3,543.81 | 1/4 | 4,151.19 | 1/4 | 4,756.92 |
| 1/2 | 113.11 | 1/2 | 416.42 | 1/2 | 819.42 | 1/2 | 1,290.93 | 1/2 | 1,812.78 | 1/2 | 2,371.48 | 1/2 | 2,955.95 | 1/2 | 3,556.42 | 1/2 | 4,163.85 | 1/2 | 4,769.46 |
| 3/4 | 118.04 | 3/4 | 423.93 | 3/4 | 828.60 | 3/4 | 1,301.34 | 3/4 | 1,824.08 | 3/4 | 2,383.42 | 3/4 | 2,968.32 | 3/4 | 3,569.04 | 3/4 | 4,176.52 | 3/4 | 4,782.00 |
| 9   | 122.97 | 9   | 431.44 | 9   | 837.79 | 9   | 1,311.74 | 9   | 1,835.37 | 9   | 2,395.36 | 9   | 2,980.70 | 9   | 3,581.65 | 9   | 4,189.19 | 9   | 4,794.53 |
| 1/4 | 128.15 | 1/4 | 439.11 | 1/4 | 847.09 | 1/4 | 1,322.22 | 1/4 | 1,846.73 | 1/4 | 2,407.35 | 1/4 | 2,993.10 | 1/4 | 3,594.27 | 1/4 | 4,201.85 | 1/4 | 4,807.05 |
| 1/2 | 133.33 | 1/2 | 446.79 | 1/2 | 856.39 | 1/2 | 1,332.71 | 1/2 | 1,858.09 | 1/2 | 2,419.34 | 1/2 | 3,005.50 | 1/2 | 3,606.90 | 1/2 | 4,214.51 | 1/2 | 4,819.57 |
| 3/4 | 138.50 | 3/4 | 454.46 | 3/4 | 865.69 | 3/4 | 1,343.19 | 3/4 | 1,869.45 | 3/4 | 2,431.33 | 3/4 | 3,017.90 | 3/4 | 3,619.52 | 3/4 | 4,227.17 | 3/4 | 4,832.09 |
| 10  | 143.68 | 10  | 462.14 | 10  | 874.99 | 10  | 1,353.68 | 10  | 1,880.82 | 10  | 2,443.31 | 10  | 3,030.31 | 10  | 3,632.15 | 10  | 4,239.84 | 10  | 4,844.61 |
| 1/4 | 149.12 | 1/4 | 469.97 | 1/4 | 884.41 | 1/4 | 1,364.25 | 1/4 | 1,892.24 | 1/4 | 2,455.34 | 1/4 | 3,042.74 | 1/4 | 3,644.78 | 1/4 | 4,252.49 | 1/4 | 4,857.10 |
| 1/2 | 154.55 | 1/2 | 477.80 | 1/2 | 893.82 | 1/2 | 1,374.82 | 1/2 | 1,903.66 | 1/2 | 2,467.37 | 1/2 | 3,055.16 | 1/2 | 3,657.42 | 1/2 | 4,265.15 | 1/2 | 4,869.60 |
| 3/4 | 159.99 | 3/4 | 485.63 | 3/4 | 903.24 | 3/4 | 1,385.39 | 3/4 | 1,915.08 | 3/4 | 2,479.40 | 3/4 | 3,067.59 | 3/4 | 3,670.05 | 3/4 | 4,277.81 | 3/4 | 4,882.10 |
| 11  | 165.42 | 11  | 493.47 | 11  | 912.65 | 11  | 1,395.96 | 11  | 1,926.50 | 11  | 2,491.43 | 11  | 3,080.02 | 11  | 3,682.69 | 11  | 4,290.47 | 11  | 4,894.60 |
| 1/4 | 171.10 | 1/4 | 501.45 | 1/4 | 922.17 | 1/4 | 1,406.61 | 1/4 | 1,937.98 | 1/4 | 2,503.51 | 1/4 | 3,092.47 | 1/4 | 3,695.33 | 1/4 | 4,303.12 | 1/4 | 4,907.07 |
| 1/2 | 176.78 | 1/2 | 509.44 | 1/2 | 931.70 | 1/2 | 1,417.26 | 1/2 | 1,949.46 | 1/2 | 2,515.58 | 1/2 | 3,104.93 | 1/2 | 3,707.97 | 1/2 | 4,315.77 | 1/2 | 4,919.55 |
| 3/4 | 182.47 | 3/4 | 517.42 | 3/4 | 941.22 | 3/4 | 1,427.91 | 3/4 | 1,960.94 | 3/4 | 2,527.65 | 3/4 | 3,117.38 | 3/4 | 3,720.62 | 3/4 | 4,328.42 | 3/4 | 4,932.02 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

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# BARGE "FMT 2030"

## STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT.   | IN  | 16 FT.   | IN  | 17 FT.   | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|
| 0   | 4,944.50 | 0   | 5,534.61 | 0   | 6,101.91 | 0   | 6,635.77 | 0   | 7,123.58 | 0   | 7,548.92 | 0   | 7,886.70 | 0   | 8,075.45 | 0   |        | 0   |        |
| 1/4 | 4,956.95 | 1/4 | 5,546.68 | 1/4 | 6,113.39 | 1/4 | 6,646.42 | 1/4 | 7,133.11 | 1/4 | 7,556.91 | 1/4 | 7,892.43 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 4,969.40 | 1/2 | 5,558.75 | 1/2 | 6,124.87 | 1/2 | 6,657.07 | 1/2 | 7,142.63 | 1/2 | 7,564.89 | 1/2 | 7,898.17 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 4,981.86 | 3/4 | 5,570.83 | 3/4 | 6,136.35 | 3/4 | 6,667.72 | 3/4 | 7,152.16 | 3/4 | 7,572.88 | 3/4 | 7,903.90 | 3/4 |          | 3/4 |        | 3/4 |        |
| 1   | 4,994.31 | 1   | 5,582.90 | 1   | 6,147.83 | 1   | 6,678.37 | 1   | 7,161.68 | 1   | 7,580.86 | 1   | 7,909.63 | 1   |          | 1   |        | 1   |        |
| 1/4 | 5,006.74 | 1/4 | 5,594.93 | 1/4 | 6,159.25 | 1/4 | 6,688.94 | 1/4 | 7,171.09 | 1/4 | 7,588.70 | 1/4 | 7,915.12 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,019.17 | 1/2 | 5,606.96 | 1/2 | 6,170.67 | 1/2 | 6,699.51 | 1/2 | 7,180.51 | 1/2 | 7,596.53 | 1/2 | 7,920.61 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,031.60 | 3/4 | 5,618.99 | 3/4 | 6,182.09 | 3/4 | 6,710.08 | 3/4 | 7,189.92 | 3/4 | 7,604.36 | 3/4 | 7,926.09 | 3/4 |          | 3/4 |        | 3/4 |        |
| 2   | 5,044.02 | 2   | 5,631.02 | 2   | 6,193.52 | 2   | 6,720.65 | 2   | 7,199.34 | 2   | 7,612.19 | 2   | 7,931.58 | 2   |          | 2   |        | 2   |        |
| 1/4 | 5,056.43 | 1/4 | 5,643.00 | 1/4 | 6,204.88 | 1/4 | 6,731.14 | 1/4 | 7,208.64 | 1/4 | 7,619.87 | 1/4 | 7,936.81 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,068.83 | 1/2 | 5,654.99 | 1/2 | 6,216.24 | 1/2 | 6,741.62 | 1/2 | 7,217.94 | 1/2 | 7,627.54 | 1/2 | 7,942.04 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,081.23 | 3/4 | 5,666.98 | 3/4 | 6,227.60 | 3/4 | 6,752.11 | 3/4 | 7,227.24 | 3/4 | 7,635.22 | 3/4 | 7,947.27 | 3/4 |          | 3/4 |        | 3/4 |        |
| 3   | 5,093.63 | 3   | 5,678.97 | 3   | 6,238.96 | 3   | 6,762.60 | 3   | 7,236.54 | 3   | 7,642.89 | 3   | 7,952.50 | 3   |          | 3   |        | 3   |        |
| 1/4 | 5,106.01 | 1/4 | 5,690.91 | 1/4 | 6,250.25 | 1/4 | 6,773.00 | 1/4 | 7,245.73 | 1/4 | 7,650.40 | 1/4 | 7,957.45 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,118.39 | 1/2 | 5,702.85 | 1/2 | 6,261.55 | 1/2 | 6,783.40 | 1/2 | 7,254.91 | 1/2 | 7,657.91 | 1/2 | 7,962.41 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,130.76 | 3/4 | 5,714.80 | 3/4 | 6,272.85 | 3/4 | 6,793.80 | 3/4 | 7,264.10 | 3/4 | 7,665.42 | 3/4 | 7,967.36 | 3/4 |          | 3/4 |        | 3/4 |        |
| 4   | 5,143.14 | 4   | 5,726.74 | 4   | 6,284.15 | 4   | 6,804.20 | 4   | 7,273.29 | 4   | 7,672.93 | 4   | 7,972.32 | 4   |          | 4   |        | 4   |        |
| 1/4 | 5,155.48 | 1/4 | 5,738.64 | 1/4 | 6,295.38 | 1/4 | 6,814.51 | 1/4 | 7,282.35 | 1/4 | 7,680.27 | 1/4 | 7,976.98 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,167.83 | 1/2 | 5,750.54 | 1/2 | 6,306.61 | 1/2 | 6,824.82 | 1/2 | 7,291.42 | 1/2 | 7,687.62 | 1/2 | 7,981.64 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,180.18 | 3/4 | 5,762.44 | 3/4 | 6,317.85 | 3/4 | 6,835.13 | 3/4 | 7,300.48 | 3/4 | 7,694.96 | 3/4 | 7,986.30 | 3/4 |          | 3/4 |        | 3/4 |        |
| 5   | 5,192.53 | 5   | 5,774.34 | 5   | 6,329.08 | 5   | 6,845.45 | 5   | 7,309.55 | 5   | 7,702.30 | 5   | 7,990.97 | 5   |          | 5   |        | 5   |        |
| 1/4 | 5,204.84 | 1/4 | 5,786.19 | 1/4 | 6,340.24 | 1/4 | 6,855.67 | 1/4 | 7,318.49 | 1/4 | 7,709.47 | 1/4 | 7,995.31 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,217.16 | 1/2 | 5,798.04 | 1/2 | 6,351.41 | 1/2 | 6,865.89 | 1/2 | 7,327.44 | 1/2 | 7,716.63 | 1/2 | 7,999.66 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,229.48 | 3/4 | 5,809.89 | 3/4 | 6,362.58 | 3/4 | 6,876.11 | 3/4 | 7,336.38 | 3/4 | 7,723.80 | 3/4 | 8,004.01 | 3/4 |          | 3/4 |        | 3/4 |        |
| 6   | 5,241.80 | 6   | 5,821.74 | 6   | 6,373.74 | 6   | 6,886.34 | 6   | 7,345.33 | 6   | 7,730.97 | 6   | 8,008.35 | 6   |          | 6   |        | 6   |        |
| 1/4 | 5,254.08 | 1/4 | 5,833.55 | 1/4 | 6,384.84 | 1/4 | 6,896.47 | 1/4 | 7,354.14 | 1/4 | 7,737.95 | 1/4 | 8,012.36 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,266.37 | 1/2 | 5,845.35 | 1/2 | 6,395.94 | 1/2 | 6,906.60 | 1/2 | 7,362.96 | 1/2 | 7,744.94 | 1/2 | 8,016.36 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,278.66 | 3/4 | 5,857.15 | 3/4 | 6,407.04 | 3/4 | 6,916.73 | 3/4 | 7,371.78 | 3/4 | 7,751.92 | 3/4 | 8,020.37 | 3/4 |          | 3/4 |        | 3/4 |        |
| 7   | 5,290.94 | 7   | 5,868.96 | 7   | 6,418.14 | 7   | 6,926.86 | 7   | 7,380.60 | 7   | 7,758.91 | 7   | 8,024.37 | 7   |          | 7   |        | 7   |        |
| 1/4 | 5,303.20 | 1/4 | 5,880.71 | 1/4 | 6,429.17 | 1/4 | 6,936.89 | 1/4 | 7,389.29 | 1/4 | 7,765.70 | 1/4 | 8,028.00 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,315.45 | 1/2 | 5,892.46 | 1/2 | 6,440.20 | 1/2 | 6,946.93 | 1/2 | 7,397.98 | 1/2 | 7,772.50 | 1/2 | 8,031.63 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,327.70 | 3/4 | 5,904.22 | 3/4 | 6,451.22 | 3/4 | 6,956.96 | 3/4 | 7,406.67 | 3/4 | 7,779.30 | 3/4 | 8,035.25 | 3/4 |          | 3/4 |        | 3/4 |        |
| 8   | 5,339.96 | 8   | 5,915.97 | 8   | 6,462.25 | 8   | 6,967.00 | 8   | 7,415.36 | 8   | 7,786.10 | 8   | 8,038.88 | 8   |          | 8   |        | 8   |        |
| 1/4 | 5,352.18 | 1/4 | 5,927.67 | 1/4 | 6,473.21 | 1/4 | 6,976.94 | 1/4 | 7,423.91 | 1/4 | 7,792.70 | 1/4 | 8,042.08 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,364.40 | 1/2 | 5,939.37 | 1/2 | 6,484.17 | 1/2 | 6,986.88 | 1/2 | 7,432.47 | 1/2 | 7,799.30 | 1/2 | 8,045.28 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,376.62 | 3/4 | 5,951.08 | 3/4 | 6,495.12 | 3/4 | 6,996.81 | 3/4 | 7,441.03 | 3/4 | 7,805.90 | 3/4 | 8,048.48 | 3/4 |          | 3/4 |        | 3/4 |        |
| 9   | 5,388.84 | 9   | 5,962.78 | 9   | 6,506.08 | 9   | 7,006.75 | 9   | 7,449.58 | 9   | 7,812.50 | 9   | 8,051.68 | 9   |          | 9   |        | 9   |        |
| 1/4 | 5,401.02 | 1/4 | 5,974.43 | 1/4 | 6,516.96 | 1/4 | 7,016.59 | 1/4 | 7,458.00 | 1/4 | 7,818.90 | 1/4 | 8,054.39 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,413.21 | 1/2 | 5,986.08 | 1/2 | 6,527.85 | 1/2 | 7,026.43 | 1/2 | 7,466.42 | 1/2 | 7,825.30 | 1/2 | 8,057.10 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,425.39 | 3/4 | 5,997.73 | 3/4 | 6,538.73 | 3/4 | 7,036.27 | 3/4 | 7,474.84 | 3/4 | 7,831.70 | 3/4 | 8,059.80 | 3/4 |          | 3/4 |        | 3/4 |        |
| 10  | 5,437.58 | 10  | 6,009.38 | 10  | 6,549.62 | 10  | 7,046.11 | 10  | 7,483.26 | 10  | 7,838.10 | 10  | 8,062.51 | 10  |          | 10  |        | 10  |        |
| 1/4 | 5,449.73 | 1/4 | 6,020.97 | 1/4 | 6,560.42 | 1/4 | 7,055.84 | 1/4 | 7,491.54 | 1/4 | 7,844.28 | 1/4 | 8,064.60 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,461.88 | 1/2 | 6,032.56 | 1/2 | 6,571.23 | 1/2 | 7,065.58 | 1/2 | 7,499.82 | 1/2 | 7,850.47 | 1/2 | 8,066.69 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,474.02 | 3/4 | 6,044.16 | 3/4 | 6,582.04 | 3/4 | 7,075.32 | 3/4 | 7,508.10 | 3/4 | 7,856.66 | 3/4 | 8,068.78 | 3/4 |          | 3/4 |        | 3/4 |        |
| 11  | 5,486.17 | 11  | 6,055.75 | 11  | 6,592.85 | 11  | 7,085.05 | 11  | 7,516.38 | 11  | 7,862.84 | 11  | 8,070.87 | 11  |          | 11  |        | 11  |        |
| 1/4 | 5,498.28 | 1/4 | 6,067.29 | 1/4 | 6,603.58 | 1/4 | 7,094.69 | 1/4 | 7,524.52 | 1/4 | 7,868.81 | 1/4 | 8,072.02 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,510.39 | 1/2 | 6,078.83 | 1/2 | 6,614.31 | 1/2 | 7,104.32 | 1/2 | 7,532.65 | 1/2 | 7,874.77 | 1/2 | 8,073.16 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,522.50 | 3/4 | 6,090.37 | 3/4 | 6,625.04 | 3/4 | 7,113.95 | 3/4 | 7,540.79 | 3/4 | 7,880.74 | 3/4 | 8,074.30 | 3/4 |          | 3/4 |        | 3/4 |        |

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