



BARGE "MPC-1003"

MARATHON PETROLEUM

OUTAGE TABLE

TANK NO. 1

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

| 0 FT. |     | 1 FT. |          | 2 FT.    |          | 3 FT.    |          | 4 FT.    |          | 5 FT.    |          | 6 FT.    |          | 7 FT.    |          | 8 FT.    |          | 9 FT.    |          | 10 FT.   |          | 11 FT.   |        | 12 FT. |        | 13 FT. |        | 14 FT. |       |
|-------|-----|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--------|--------|--------|--------|-------|
| N     |     | N     |          | N        |          | N        |          | N        |          | N        |          | N        |          | N        |          | N        |          | N        |          | N        |          | N        |        | N      |        | N      |        | N      |       |
| 0     | 0   | 1/4   | 0        | 3,598.19 | 0        | 3,553.05 | 0        | 3,107.92 | 0        | 2,862.78 | 0        | 2,572.18 | 0        | 2,273.14 | 0        | 1,974.10 | 0        | 1,675.06 | 0        | 1,376.02 | 0        | 1,078.69 | 0      | 783.02 | 0      | 486.97 | 0      | 190.57 |       |
| 1/4   | 1/4 |       | 3,593.98 | 1/4      | 3,347.95 | 1/4      | 3,102.81 | 1/4      | 2,857.67 | 1/4      | 2,565.95 | 1/4      | 2,286.91 | 1/4      | 1,967.87 | 1/4      | 1,668.83 | 1/4      | 1,369.79 | 1/4      | 1,072.51 | 1/4      | 776.87 | 1/4    | 480.79 | 1/4    | 184.39 |        |       |
| 1/2   | 1/2 |       | 3,587.98 | 1/2      | 3,342.84 | 1/2      | 3,097.10 | 1/2      | 2,852.57 | 1/2      | 2,559.12 | 1/2      | 2,260.88 | 1/2      | 1,961.64 | 1/2      | 1,662.60 | 1/2      | 1,365.60 | 1/2      | 1,065.36 | 1/2      | 770.72 | 1/2    | 474.62 | 1/2    | 178.22 |        |       |
| 3/4   | 3/4 |       | 3,582.87 | 3/4      | 3,337.73 | 3/4      | 3,092.60 | 3/4      | 2,847.46 | 3/4      | 2,553.49 | 3/4      | 2,254.45 | 3/4      | 1,955.41 | 3/4      | 1,656.37 | 3/4      | 1,357.33 | 3/4      | 1,060.16 | 3/4      | 764.57 | 3/4    | 468.44 | 3/4    | 172.04 |        |       |
| 1     | 1   | 1/4   | 3,577.76 | 1        | 3,332.63 | 1        | 3,087.49 | 1        | 2,842.10 | 1        | 2,547.26 | 1        | 2,248.22 | 1        | 1,949.18 | 1        | 1,650.14 | 1        | 1,351.10 | 1        | 1,053.99 | 1        | 758.42 | 1      | 462.27 | 1      | 165.87 |        |       |
| 1/4   | 1/4 |       | 3,572.65 | 1/4      | 3,327.52 | 1/4      | 3,082.38 | 1/4      | 2,836.74 | 1/4      | 2,541.03 | 1/4      | 2,241.99 | 1/4      | 1,942.95 | 1/4      | 1,643.91 | 1/4      | 1,344.87 | 1/4      | 1,047.81 | 1/4      | 752.28 | 1/4    | 456.09 | 1/4    | 159.69 |        |       |
| 1/2   | 1/2 |       | 3,567.55 | 1/2      | 3,322.41 | 1/2      | 3,077.28 | 1/2      | 2,831.10 | 1/2      | 2,534.80 | 1/2      | 2,235.76 | 1/2      | 1,936.72 | 1/2      | 1,637.68 | 1/2      | 1,338.64 | 1/2      | 1,041.64 | 1/2      | 746.13 | 1/2    | 449.92 | 1/2    | 154.00 |        |       |
| 3/4   | 3/4 |       | 3,562.44 | 3/4      | 3,317.30 | 3/4      | 3,072.17 | 3/4      | 2,825.47 | 3/4      | 2,528.57 | 3/4      | 2,229.53 | 3/4      | 1,930.49 | 3/4      | 1,631.45 | 3/4      | 1,332.41 | 3/4      | 1,035.46 | 3/4      | 739.98 | 3/4    | 443.74 | 3/4    | 148.31 |        |       |
| 2     | 2   | 1/4   | 3,557.33 | 2        | 3,312.20 | 2        | 3,067.06 | 2        | 2,819.84 | 2        | 2,622.34 | 2        | 2,223.30 | 2        | 1,924.26 | 2        | 1,625.22 | 2        | 1,326.18 | 2        | 1,029.29 | 2        | 733.83 | 2      | 437.57 | 2      | 142.62 |        |       |
| 1/4   | 1/4 |       | 3,552.23 | 1/4      | 3,307.09 | 1/4      | 3,061.95 | 1/4      | 2,814.20 | 1/4      | 2,616.11 | 1/4      | 2,217.07 | 1/4      | 1,918.03 | 1/4      | 1,618.99 | 1/4      | 1,319.95 | 1/4      | 1,023.11 | 1/4      | 727.68 | 1/4    | 431.39 | 1/4    | 136.93 |        |       |
| 1/2   | 1/2 |       | 3,547.12 | 1/2      | 3,301.98 | 1/2      | 3,056.85 | 1/2      | 2,808.21 | 1/2      | 2,609.88 | 1/2      | 2,210.84 | 1/2      | 1,911.80 | 1/2      | 1,612.76 | 1/2      | 1,313.72 | 1/2      | 1,016.94 | 1/2      | 721.54 | 1/2    | 425.22 | 1/2    | 131.24 |        |       |
| 3/4   | 3/4 |       | 3,542.01 | 3/4      | 3,296.88 | 3/4      | 3,051.74 | 3/4      | 2,802.22 | 3/4      | 2,603.65 | 3/4      | 2,204.61 | 3/4      | 1,905.67 | 3/4      | 1,606.53 | 3/4      | 1,307.49 | 3/4      | 1,010.76 | 3/4      | 716.39 | 3/4    | 419.04 | 3/4    | 128.35 |        |       |
| 3     | 3   | 1/4   | 3,536.91 | 3        | 3,291.77 | 3        | 3,046.63 | 3        | 2,796.22 | 3        | 2,497.42 | 3        | 2,198.38 | 3        | 1,899.34 | 3        | 1,600.30 | 3        | 1,301.26 | 3        | 1,004.59 | 3        | 709.24 | 3      | 412.87 | 3      | 119.86 |        |       |
| 1/4   | 1/4 |       | 3,531.80 | 1/4      | 3,286.66 | 1/4      | 3,041.53 | 1/4      | 2,790.23 | 1/4      | 2,491.19 | 1/4      | 2,192.15 | 1/4      | 1,893.11 | 1/4      | 1,594.07 | 1/4      | 1,295.03 | 1/4      | 998.41   | 1/4      | 703.09 | 1/4    | 406.69 | 1/4    | 114.17 |        |       |
| 1/2   | 1/2 |       | 3,526.69 | 1/2      | 3,281.56 | 1/2      | 3,036.42 | 1/2      | 2,784.00 | 1/2      | 2,484.96 | 1/2      | 2,185.92 | 1/2      | 1,886.88 | 1/2      | 1,587.84 | 1/2      | 1,288.80 | 1/2      | 992.24   | 1/2      | 696.92 | 1/2    | 400.52 | 1/2    | 108.00 |        |       |
| 3/4   | 3/4 |       | 3,521.58 | 3/4      | 3,276.45 | 3/4      | 3,031.31 | 3/4      | 2,777.77 | 3/4      | 2,478.73 | 3/4      | 2,179.69 | 3/4      | 1,880.65 | 3/4      | 1,581.61 | 3/4      | 1,282.57 | 3/4      | 986.06   | 3/4      | 690.74 | 3/4    | 394.34 | 3/4    | 101.82 |        |       |
| 4     | 4   | 1/4   | 3,747.89 | 4        | 3,271.34 | 4        | 3,026.21 | 4        | 2,771.54 | 4        | 2,472.50 | 4        | 2,173.46 | 4        | 1,874.42 | 4        | 1,575.38 | 4        | 1,276.34 | 4        | 979.89   | 4        | 684.57 | 4      | 388.17 | 4      | 95.65  |        |       |
| 1/4   | 1/4 |       | 3,746.95 | 1/4      | 3,511.37 | 1/4      | 3,266.23 | 1/4      | 3,021.10 | 1/4      | 2,765.31 | 1/4      | 2,466.27 | 1/4      | 2,167.23 | 1/4      | 1,868.19 | 1/4      | 1,569.15 | 1/4      | 1,270.11 | 1/4      | 973.71 | 1/4    | 678.39 | 1/4    | 381.99 | 1/4    | 89.47 |
| 1/2   | 1/2 |       | 3,744.01 | 1/2      | 3,506.26 | 1/2      | 3,261.13 | 1/2      | 3,015.99 | 1/2      | 2,759.08 | 1/2      | 2,460.04 | 1/2      | 2,161.00 | 1/2      | 1,861.96 | 1/2      | 1,562.92 | 1/2      | 1,263.88 | 1/2      | 967.54 | 1/2    | 672.22 | 1/2    | 375.82 | 1/2    | 83.30 |
| 3/4   | 3/4 |       | 3,742.07 | 3/4      | 3,501.16 | 3/4      | 3,256.02 | 3/4      | 3,010.88 | 3/4      | 2,752.85 | 3/4      | 2,453.81 | 3/4      | 2,154.77 | 3/4      | 1,856.73 | 3/4      | 1,556.89 | 3/4      | 1,257.65 | 3/4      | 961.36 | 3/4    | 666.04 | 3/4    | 369.64 | 3/4    | 77.12 |
| 5     | 5   | 1/4   | 3,738.02 | 5        | 3,496.05 | 5        | 3,250.91 | 5        | 3,005.78 | 5        | 2,746.62 | 5        | 2,447.58 | 5        | 2,148.54 | 5        | 1,849.50 | 5        | 1,550.46 | 5        | 1,251.42 | 5        | 955.19 | 5      | 659.87 | 5      | 363.47 | 5      | 70.95 |
| 1/4   | 1/4 |       | 3,733.97 | 1/4      | 3,490.94 | 1/4      | 3,245.81 | 1/4      | 3,000.67 | 1/4      | 2,740.51 | 1/4      | 2,441.35 | 1/4      | 2,142.31 | 1/4      | 1,843.27 | 1/4      | 1,544.23 | 1/4      | 1,245.19 | 1/4      | 949.01 | 1/4    | 653.69 | 1/4    | 357.29 | 1/4    | 64.77 |
| 1/2   | 1/2 |       | 3,729.92 | 1/2      | 3,485.84 | 1/2      | 3,240.70 | 1/2      | 2,995.56 | 1/2      | 2,734.16 | 1/2      | 2,436.12 | 1/2      | 2,136.08 | 1/2      | 1,837.04 | 1/2      | 1,538.00 | 1/2      | 1,239.03 | 1/2      | 942.86 | 1/2    | 647.52 | 1/2    | 351.12 | 1/2    | 58.60 |
| 3/4   | 3/4 |       | 3,728.86 | 3/4      | 3,480.73 | 3/4      | 3,235.59 | 3/4      | 2,990.46 | 3/4      | 2,727.93 | 3/4      | 2,428.89 | 3/4      | 2,129.85 | 3/4      | 1,830.91 | 3/4      | 1,531.77 | 3/4      | 1,232.87 | 3/4      | 936.72 | 3/4    | 641.34 | 3/4    | 344.94 | 3/4    | 52.42 |
| 6     | 6   | 1/4   | 3,720.76 | 6        | 3,475.62 | 6        | 3,230.49 | 6        | 2,985.35 | 6        | 2,721.70 | 6        | 2,422.66 | 6        | 2,123.62 | 6        | 1,824.58 | 6        | 1,525.54 | 6        | 1,226.71 | 6        | 930.57 | 6      | 659.87 | 6      | 338.77 | 6      | 46.25 |
| 1/4   | 1/4 |       | 3,715.65 | 1/4      | 3,470.51 | 1/4      | 3,225.38 | 1/4      | 2,980.24 | 1/4      | 2,715.47 | 1/4      | 2,416.43 | 1/4      | 2,117.39 | 1/4      | 1,818.35 | 1/4      | 1,519.31 | 1/4      | 1,220.54 | 1/4      | 924.42 | 1/4    | 628.99 | 1/4    | 332.59 | 1/4    | 40.07 |
| 1/2   | 1/2 |       | 3,710.54 | 1/2      | 3,465.41 | 1/2      | 3,220.27 | 1/2      | 2,975.14 | 1/2      | 2,709.24 | 1/2      | 2,410.20 | 1/2      | 2,111.16 | 1/2      | 1,812.12 | 1/2      | 1,513.08 | 1/2      | 1,214.38 | 1/2      | 918.27 | 1/2    | 622.82 | 1/2    | 326.42 | 1/2    | 34.93 |
| 3/4   | 3/4 |       | 3,705.44 | 3/4      | 3,460.30 | 3/4      | 3,215.16 | 3/4      | 2,970.03 | 3/4      | 2,703.01 | 3/4      | 2,403.97 | 3/4      | 2,104.93 | 3/4      | 1,805.89 | 3/4      | 1,506.85 | 3/4      | 1,208.22 | 3/4      | 912.12 | 3/4    | 616.64 | 3/4    | 320.24 | 3/4    | 29.78 |
| 7     | 7   | 1/4   | 3,700.33 | 7        | 3,455.19 | 7        | 3,210.63 | 7        | 2,964.92 | 7        | 2,696.78 | 7        | 2,397.74 | 7        | 2,098.70 | 7        | 1,799.66 | 7        | 1,500.62 | 7        | 1,202.06 | 7        | 905.98 | 7      | 610.47 | 7      | 317.07 | 7      | 24.64 |
| 1/4   | 1/4 |       | 3,695.22 | 1/4      | 3,450.09 | 1/4      | 3,204.95 | 1/4      | 2,959.81 | 1/4      | 2,690.55 | 1/4      | 2,391.51 | 1/4      | 2,092.47 | 1/4      | 1,793.43 | 1/4      | 1,494.39 | 1/4      | 1,195.90 | 1/4      | 899.83 | 1/4    | 604.29 | 1/4    | 307.89 | 1/4    | 19.49 |
| 1/2   | 1/2 |       | 3,690.12 | 1/2      | 3,444.98 | 1/2      | 3,199.84 | 1/2      | 2,954.71 | 1/2      | 2,684.32 | 1/2      | 2,385.28 | 1/2      | 2,086.24 | 1/2      | 1,787.20 | 1/2      | 1,488.16 | 1/2      | 1,189.74 | 1/2      | 893.68 | 1/2    | 598.12 | 1/2    | 301.72 | 1/2    | 16.41 |
| 3/4   | 3/4 |       | 3,685.01 | 3/4      | 3,439.87 | 3/4      | 3,194.74 | 3/4      | 2,949.60 | 3/4      | 2,678.09 | 3/4      | 2,379.05 | 3/4      | 2,080.01 | 3/4      | 1,780.97 | 3/4      | 1,481.93 | 3/4      | 1,183.58 | 3/4      | 887.53 | 3/4    | 591.94 | 3/4    | 295.54 | 3/4    | 13.33 |
| 8     | 8   | 1/4   | 3,679.90 | 8        | 3,434.77 | 8        | 3,189.63 | 8        | 2,944.49 | 8        | 2,671.86 | 8        | 2,372.82 | 8        | 2,073.78 | 8        | 1,774.74 | 8        | 1,475.70 | 8        | 1,177.42 | 8        | 881.38 | 8      | 585.77 | 8      | 289.37 | 8      | 10.24 |
| 1/4   | 1/4 |       | 3,674.79 | 1/4      | 3,429.66 | 1/4      | 3,184.52 | 1/4      | 2,939.39 | 1/4      | 2,666.63 | 1/4      | 2,366.59 | 1/4      | 2,067.55 | 1/4      | 1,768.51 | 1/4      | 1,469.47 | 1/4      | 1,171.26 | 1/4      | 875.24 | 1/4    | 579.59 | 1/4    | 283.19 | 1/4    | 7.16  |
| 1/2   | 1/2 |       | 3,669.69 | 1/2      | 3,424.55 | 1/2      | 3,179.42 | 1/2      | 2,934.28 | 1/2      | 2,661.40 | 1/2      | 2,363.44 | 1/2      | 2,063.32 | 1/2      | 1,762.28 | 1/2      | 1,463.24 | 1/2      | 1,165.10 | 1/2      | 869.09 | 1/2    | 573.42 | 1/2    | 277.02 | 1/2    | 6.14  |
| 3/4   | 3/4 |       | 3,664.58 | 3/4      | 3,419.44 | 3/4      | 3,174.31 | 3/4      | 2,929.17 | 3/4      | 2,653.17 | 3/4      | 2,354.13 | 3/4      | 2,055.09 | 3/4      | 1,756.05 | 3/4      | 1,457.01 | 3/4      | 1,158.93 | 3/4      | 862.94 | 3/4    | 567.24 | 3/4    | 270.8  |        |       |





**ISO 9002 ACCREDITED**

**BARGE "MPC-1003"**  
**MARATHON PETROLEUM**  
**OUTAGE TABLE**

## TANK NO. 2

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

|     |     | 0 FT. |     | 1 FT.    |     | 2 FT.    |     | 3 FT.    |     | 4 FT.    |     | 5 FT.    |     | 6 FT.    |     | 7 FT.    |     | 8 FT.    |     | 9 FT.    |     | 10 FT.   |     | 11 FT. |     | 12 FT.   |     | 13 FT. |     | 14 FT. |   |
|-----|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|----------|-----|--------|-----|--------|---|
| N   | D   | N     | D   | N        | D   | N        | D   | N        | D   | N        | D   | N        | D   | N        | D   | N        | D   | N        | D   | N        | D   | N        | D   | N      | D   | N        | D   | N      | D   | N      | D |
| 0   | 0   | 0     | 0   | 3,330.64 | 0   | 3,067.07 | 0   | 2,803.50 | 0   | 2,539.93 | 0   | 2,276.36 | 0   | 2,012.80 | 0   | 1,749.23 | 0   | 1,485.66 | 0   | 1,222.09 | 0   | 959.15   | 0   | 697.01 | 0   | 434.54   | 0   | 171.69 |     |        |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,325.15 | 1/4 | 3,061.58 | 1/4 | 2,798.01 | 1/4 | 2,534.44 | 1/4 | 2,270.87 | 1/4 | 2,007.31 | 1/4 | 1,743.74 | 1/4 | 1,480.17 | 1/4 | 1,216.60 | 1/4 | 953.68   | 1/4 | 691.56 | 1/4 | 429.06   | 1/4 | 166.21 |     |        |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,319.65 | 1/2 | 3,056.09 | 1/2 | 2,792.52 | 1/2 | 2,528.95 | 1/2 | 2,265.38 | 1/2 | 2,001.82 | 1/2 | 1,738.25 | 1/2 | 1,474.68 | 1/2 | 1,211.11 | 1/2 | 948.20   | 1/2 | 686.11 | 1/2 | 423.59   | 1/2 | 150.74 |     |        |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,314.16 | 3/4 | 3,050.60 | 3/4 | 2,787.03 | 3/4 | 2,523.46 | 3/4 | 2,259.89 | 3/4 | 1,996.31 | 3/4 | 1,732.76 | 3/4 | 1,469.19 | 3/4 | 1,205.62 | 3/4 | 942.73   | 3/4 | 680.66 | 3/4 | 418.11   | 3/4 | 155.26 |     |        |   |
| 1   | 1   | 1     | 1   | 3,308.67 | 1   | 3,045.10 | 1   | 2,781.54 | 1   | 2,517.97 | 1   | 2,254.40 | 1   | 1,990.83 | 1   | 1,727.26 | 1   | 1,463.70 | 1   | 1,200.13 | 1   | 937.25   | 1   | 675.21 | 1   | 412.63   | 1   | 149.79 |     |        |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,303.18 | 1/4 | 3,039.61 | 1/4 | 2,776.05 | 1/4 | 2,512.48 | 1/4 | 2,248.91 | 1/4 | 1,985.34 | 1/4 | 1,721.77 | 1/4 | 1,455.21 | 1/4 | 1,194.64 | 1/4 | 931.77   | 1/4 | 669.76 | 1/4 | 407.16   | 1/4 | 144.31 |     |        |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,297.69 | 1/2 | 3,034.12 | 1/2 | 2,770.55 | 1/2 | 2,506.99 | 1/2 | 2,243.42 | 1/2 | 1,979.85 | 1/2 | 1,716.28 | 1/2 | 1,452.71 | 1/2 | 1,189.15 | 1/2 | 926.30   | 1/2 | 664.31 | 1/2 | 401.68   | 1/2 | 138.83 |     |        |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,292.20 | 3/4 | 3,028.63 | 3/4 | 2,765.06 | 3/4 | 2,501.50 | 3/4 | 2,237.93 | 3/4 | 1,974.36 | 3/4 | 1,710.79 | 3/4 | 1,447.22 | 3/4 | 1,183.66 | 3/4 | 920.82   | 3/4 | 658.87 | 3/4 | 396.21   | 3/4 | 133.64 |     |        |   |
| 2   | 2   | 2     | 2   | 3,286.71 | 2   | 3,023.14 | 2   | 2,759.57 | 2   | 2,496.00 | 2   | 2,232.44 | 2   | 1,968.87 | 2   | 1,705.30 | 2   | 1,441.73 | 2   | 1,178.16 | 2   | 915.35   | 2   | 653.42 | 2   | 390.73   | 2   | 128.65 |     |        |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,281.22 | 1/4 | 3,017.65 | 1/4 | 2,754.08 | 1/4 | 2,490.51 | 1/4 | 2,226.95 | 1/4 | 1,963.38 | 1/4 | 1,699.81 | 1/4 | 1,436.24 | 1/4 | 1,172.67 | 1/4 | 909.87   | 1/4 | 647.97 | 1/4 | 385.25   | 1/4 | 123.66 |     |        |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,012.16 | 1/2 | 3,012.16 | 1/2 | 2,748.59 | 1/2 | 2,485.02 | 1/2 | 2,221.45 | 1/2 | 1,957.89 | 1/2 | 1,694.32 | 1/2 | 1,430.75 | 1/2 | 1,161.69 | 1/2 | 904.39   | 1/2 | 642.52 | 1/2 | 379.78   | 1/2 | 118.87 |     |        |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,270.24 | 3/4 | 3,006.67 | 3/4 | 2,743.50 | 3/4 | 2,479.53 | 3/4 | 2,215.96 | 3/4 | 1,952.40 | 3/4 | 1,688.83 | 3/4 | 1,425.26 | 3/4 | 1,161.18 | 3/4 | 898.92   | 3/4 | 637.07 | 3/4 | 374.30   | 3/4 | 113.88 |     |        |   |
| 3   | 3   | 3     | 3   | 3,264.74 | 3   | 3,001.18 | 3   | 2,737.61 | 3   | 2,474.04 | 3   | 2,210.47 | 3   | 1,946.90 | 3   | 1,683.34 | 3   | 1,419.77 | 3   | 1,156.20 | 3   | 893.44   | 3   | 631.62 | 3   | 368.83   | 3   | 108.89 |     |        |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,259.25 | 1/4 | 2,995.69 | 1/4 | 2,732.12 | 1/4 | 2,468.56 | 1/4 | 2,204.98 | 1/4 | 1,941.41 | 1/4 | 1,677.85 | 1/4 | 1,414.28 | 1/4 | 1,150.71 | 1/4 | 887.97   | 1/4 | 626.17 | 1/4 | 363.35   | 1/4 | 103.90 |     |        |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,253.76 | 1/2 | 2,990.19 | 1/2 | 2,726.63 | 1/2 | 2,463.06 | 1/2 | 2,198.49 | 1/2 | 1,935.92 | 1/2 | 1,672.35 | 1/2 | 1,408.79 | 1/2 | 1,145.22 | 1/2 | 882.49   | 1/2 | 620.72 | 1/2 | 357.87   | 1/2 | 98.91  |     |        |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,248.27 | 3/4 | 2,984.70 | 3/4 | 2,721.14 | 3/4 | 2,457.57 | 3/4 | 2,194.00 | 3/4 | 1,930.43 | 3/4 | 1,666.86 | 3/4 | 1,403.30 | 3/4 | 1,139.73 | 3/4 | 877.01   | 3/4 | 615.25 | 3/4 | 352.40   | 3/4 | 93.43  |     |        |   |
| 4   | 4   | 4     | 4   | 3,488.70 | 4   | 3,242.78 | 4   | 2,979.21 | 4   | 2,715.64 | 4   | 2,452.08 | 4   | 2,188.51 | 4   | 1,924.94 | 4   | 1,661.37 | 4   | 1,397.80 | 4   | 1,134.24 | 4   | 871.54 | 4   | 609.77   | 4   | 346.92 | 4   | 87.95  |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,486.51 | 1/4 | 3,237.29 | 1/4 | 2,973.72 | 1/4 | 2,710.15 | 1/4 | 2,446.59 | 1/4 | 2,183.02 | 1/4 | 1,919.45 | 1/4 | 1,655.88 | 1/4 | 1,392.31 | 1/4 | 866.06   | 1/4 | 604.29 | 1/4 | 341.45   | 1/4 | 82.48  |     |        |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,484.32 | 1/2 | 3,231.80 | 1/2 | 2,968.23 | 1/2 | 2,704.66 | 1/2 | 2,441.09 | 1/2 | 2,177.53 | 1/2 | 1,913.96 | 1/2 | 1,650.39 | 1/2 | 1,386.82 | 1/2 | 860.59   | 1/2 | 598.82 | 1/2 | 335.97   | 1/2 | 77.00  |     |        |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,482.13 | 3/4 | 3,226.31 | 3/4 | 2,962.74 | 3/4 | 2,699.17 | 3/4 | 2,435.60 | 3/4 | 2,172.04 | 3/4 | 1,908.47 | 3/4 | 1,644.90 | 3/4 | 1,381.33 | 3/4 | 855.11   | 3/4 | 593.34 | 3/4 | 330.49   | 3/4 | 71.53  |     |        |   |
| 5   | 5   | 5     | 5   | 3,479.94 | 5   | 3,220.82 | 5   | 2,957.25 | 5   | 2,693.68 | 5   | 2,430.11 | 5   | 2,166.54 | 5   | 1,902.98 | 5   | 1,639.41 | 5   | 1,376.84 | 5   | 1,112.27 | 5   | 849.63 | 5   | 587.87   | 5   | 325.02 | 5   | 66.05  |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,475.56 | 1/4 | 3,215.33 | 1/4 | 2,951.76 | 1/4 | 2,688.19 | 1/4 | 2,424.62 | 1/4 | 2,161.05 | 1/4 | 1,897.49 | 1/4 | 1,635.92 | 1/4 | 1,370.35 | 1/4 | 1,106.78 | 1/4 | 844.16 | 1/4 | 582.39   | 1/4 | 319.54 | 1/4 | 60.57  |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,471.18 | 1/2 | 3,209.83 | 1/2 | 2,946.27 | 1/2 | 2,682.70 | 1/2 | 2,419.13 | 1/2 | 2,155.56 | 1/2 | 1,891.99 | 1/2 | 1,628.43 | 1/2 | 1,364.86 | 1/2 | 1,101.29 | 1/2 | 838.68 | 1/2 | 576.91   | 1/2 | 314.07 | 1/2 | 55.10  |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,466.80 | 3/4 | 3,204.34 | 3/4 | 2,940.78 | 3/4 | 2,677.21 | 3/4 | 2,413.64 | 3/4 | 2,150.07 | 3/4 | 1,886.50 | 3/4 | 1,622.94 | 3/4 | 1,359.37 | 3/4 | 1,095.83 | 3/4 | 833.73 | 3/4 | 571.44   | 3/4 | 308.59 | 3/4 | 49.62  |   |
| 6   | 6   | 6     | 6   | 3,462.42 | 6   | 3,198.85 | 6   | 2,935.28 | 6   | 2,671.72 | 6   | 2,408.15 | 6   | 2,144.58 | 6   | 1,881.01 | 6   | 1,617.44 | 6   | 1,353.88 | 6   | 1,090.37 | 6   | 827.78 | 6   | 565.96   | 6   | 303.11 | 6   | 44.15  |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,456.93 | 1/4 | 3,193.36 | 1/4 | 2,929.79 | 1/4 | 2,666.23 | 1/4 | 2,402.66 | 1/4 | 2,138.09 | 1/4 | 1,875.52 | 1/4 | 1,611.95 | 1/4 | 1,348.39 | 1/4 | 1,084.91 | 1/4 | 822.34 | 1/4 | 560.49   | 1/4 | 297.64 | 1/4 | 38.67  |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,451.44 | 1/2 | 3,187.87 | 1/2 | 2,924.30 | 1/2 | 2,660.73 | 1/2 | 2,397.17 | 1/2 | 2,133.60 | 1/2 | 1,870.03 | 1/2 | 1,606.46 | 1/2 | 1,342.89 | 1/2 | 1,079.45 | 1/2 | 816.89 | 1/2 | 555.01   | 1/2 | 292.16 | 1/2 | 33.19  |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,445.95 | 3/4 | 3,182.38 | 3/4 | 2,918.81 | 3/4 | 2,655.24 | 3/4 | 2,391.68 | 3/4 | 2,128.11 | 3/4 | 1,864.54 | 3/4 | 1,600.97 | 3/4 | 1,337.40 | 3/4 | 1,073.99 | 3/4 | 811.44 | 3/4 | 549.53   | 3/4 | 286.69 | 3/4 | 28.63  |   |
| 7   | 7   | 7     | 7   | 3,440.46 | 7   | 3,176.89 | 7   | 2,913.32 | 7   | 2,649.75 | 7   | 2,386.18 | 7   | 2,122.62 | 7   | 1,859.05 | 7   | 1,595.48 | 7   | 1,331.91 | 7   | 1,068.52 | 7   | 805.99 | 7   | 544.06   | 7   | 281.21 | 7   | 24.07  |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,434.97 | 1/4 | 3,171.40 | 1/4 | 2,907.83 | 1/4 | 2,644.26 | 1/4 | 2,380.69 | 1/4 | 2,117.13 | 1/4 | 1,853.56 | 1/4 | 1,589.99 | 1/4 | 1,326.42 | 1/4 | 1,063.06 | 1/4 | 800.54 | 1/4 | 538.58   | 1/4 | 270.75 | 1/4 | 19.51  |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,429.47 | 1/2 | 3,165.91 | 1/2 | 2,902.34 | 1/2 | 2,638.77 | 1/2 | 2,375.20 | 1/2 | 2,111.63 | 1/2 | 1,848.07 | 1/2 | 1,584.50 | 1/2 | 1,320.93 | 1/2 | 1,057.60 | 1/2 | 795.09 | 1/2 | 533.11   | 1/2 | 270.26 | 1/2 | 14.94  |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,423.98 | 3/4 | 3,160.42 | 3/4 | 2,896.85 | 3/4 | 2,633.28 | 3/4 | 2,368.71 | 3/4 | 2,106.14 | 3/4 | 1,842.58 | 3/4 | 1,579.01 | 3/4 | 1,315.44 | 3/4 | 1,052.14 | 3/4 | 789.64 | 3/4 | 527.63   | 3/4 | 264.78 | 3/4 | 12.20  |   |
| 8   | 8   | 8     | 8   | 3,418.49 | 8   | 3,154.92 | 8   | 2,891.36 | 8   | 2,627.79 | 8   | 2,364.22 | 8   | 2,100.65 | 8   | 1,837.08 | 8   | 1,573.52 | 8   | 1,309.95 | 8   | 1,046.68 | 8   | 784.19 | 8   | 522.15   | 8   | 259.31 | 8   | 9.47   |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,413.00 | 1/4 | 3,149.43 | 1/4 | 2,885.87 | 1/4 | 2,622.30 | 1/4 | 2,358.73 | 1/4 | 2,095.16 | 1/4 | 1,831.59 | 1/4 | 1,568.03 | 1/4 | 1,304.46 | 1/4 | 1,041.22 | 1/4 | 778.74 | 1/4 | 516.68   | 1/4 | 253.83 | 1/4 | 6.73   |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,407.51 | 1/2 | 3,143.94 | 1/2 | 2,880.37 | 1/2 | 2,616.81 | 1/2 | 2,353.24 | 1/2 | 2,088.61 | 1/2 | 1,826.61 | 1/2 | 1,562.53 | 1/2 | 1,298.97 | 1/2 | 1,035.76 | 1/2 | 773.85 | 1/2 | 511.20   | 1/2 | 248.55 | 1/2 | 3.98   |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,402.02 | 3/4 | 3,138.45 | 3/4 | 2,874.88 | 3/4 | 2,611.32 | 3/4 | 2,347.75 | 3/4 | 2,084.18 | 3/4 | 1,820.18 | 3/4 | 1,557.04 | 3/4 | 1,293.48 | 3/4 | 1,030.30 | 3/4 | 767.65 | 3/4 | 505.73   | 3/4 | 242.88 | 3/4 | 3.09   |   |
| 9   | 9   | 9     | 9   | 3,396.53 | 9   | 3,132.96 | 9   | 2,869.39 | 9   | 2,605.82 | 9   | 2,342.26 | 9   | 2,078.69 | 9   | 1,815.12 | 9   | 1,551.55 | 9   | 1,287.98 | 9   | 1,024.84 | 9   | 762.40 | 9   | 500.25   | 9   | 237.40 | 9   | 2.16   |   |
| 1/4 | 1/4 | 1/4   | 1/4 | 3,391.04 | 1/4 | 3,127.47 | 1/4 | 2,863.90 | 1/4 | 2,600.33 | 1/4 | 2,336.77 | 1/4 | 2,073.20 | 1/4 | 1,809.63 | 1/4 | 1,546.06 | 1/4 | 1,282.49 | 1/4 | 1,019.38 | 1/4 | 756.95 | 1/4 | 494.57   | 1/4 | 231.93 | 1/4 | 1.25   |   |
| 1/2 | 1/2 | 1/2   | 1/2 | 3,385.55 | 1/2 | 3,121.98 | 1/2 | 2,858.41 | 1/2 | 2,594.84 | 1/2 | 2,331.27 | 1/2 | 2,067.71 | 1/2 | 1,804.14 | 1/2 | 1,540.57 | 1/2 | 1,277.00 | 1/2 | 1,013.91 | 1/2 | 751.50 | 1/2 | 489.30   | 1/2 | 226.45 | 1/2 | 0.99   |   |
| 3/4 | 3/4 | 3/4   | 3/4 | 3,380.06 | 3/4 | 3,116.49 | 3/4 | 2,852.92 | 3/4 | 2,589.35 | 3/4 | 2,325.78 | 3/4 | 2,062.22 | 3/4 | 1,798.65 | 3/4 | 1,535.08 | 3/4 | 1,271.51 | 3/4 | 1,008.44 | 3/4 | 746.05 | 3/4 | 483.82   | 3/4 | 220.97 | 3/4 | 0.34   |   |
| 10  | 10  | 10    | 10  | 3,374.56 | 10  | 3,111.00 | 10  | 2,847.43 | 10  | 2,563.86 | 10  | 2,302.29 | 10  | 2,056.72 | 10  | 1,793.16 | 10  | 1,529.59 | 10  | 1,266.02 | 10  | 1,002.96 | 10  | 735.50 | 10  | 478.35</ |     |        |     |        |   |

REFERENCE GAUGE HEIGHT : 14'-9 1/2" (TO RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION



INSPECTORATE  
ISO 9002 ACCREDITED

**BARGE "MPC-1003"**  
**MARATHON PETROLEUM**  
**OUTAGE TABLE**

## TANK NO. 3

**BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN**

[illegible]

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

REFERENCE GAUGE HEIGHT : 14'-9 1/4" (TO RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION





ISO 9002 ACCREDITED

BARGE "MPC-1003"  
MARATHON PETROLEUM  
INNAGE TABLE

TANK NO. 1

| BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN |        |      |        |        |        |        |          |        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |        |
|----------------------------------------------------------|--------|------|--------|--------|--------|--------|----------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|
| N                                                        | 0 FT.  | N    | 1 FT.  | N      | 2 FT.  | N      | 3 FT.    | N      | 4 FT.    | N        | 5 FT.    | N        | 6 FT.    | N        | 7 FT.    | N        | 8 FT.    | N        | 9 FT.    | N        | 10 FT.   | N        | 11 FT.   | N        | 12 FT.   | N        | 13 FT.   | N        | 14 FT. |
| 0                                                        | SUMP   | 3.07 | 0      | 258.49 | 0      | 554.89 | 0        | 850.64 | 0        | 1,146.61 | 0        | 1,444.55 | 0        | 1,743.59 | 0        | 2,042.63 | 0        | 2,341.67 | 0        | 2,640.71 | 0        | 2,918.96 | 0        | 3,164.09 | 0        | 3,409.23 | 0        | 3,654.37 | 0      |
| 1/4                                                      | 4.09   | 1/4  | 264.67 | 1/4    | 561.07 | 1/4    | 856.79   | 1/4    | 1,152.77 | 1/4      | 1,450.78 | 1/4      | 1,749.82 | 1/4      | 2,048.86 | 1/4      | 2,347.90 | 1/4      | 2,646.94 | 1/4      | 2,924.07 | 1/4      | 3,169.20 | 1/4      | 3,414.34 | 1/4      | 3,659.47 | 1/4      |        |
| 1/2                                                      | 5.12   | 1/2  | 270.84 | 1/2    | 567.24 | 1/2    | 862.94   | 1/2    | 1,158.93 | 1/2      | 1,457.01 | 1/2      | 1,756.05 | 1/2      | 2,055.09 | 1/2      | 2,354.13 | 1/2      | 2,653.17 | 1/2      | 2,929.17 | 1/2      | 3,174.31 | 1/2      | 3,419.44 | 1/2      | 3,664.58 | 1/2      |        |
| 3/4                                                      | 6.14   | 3/4  | 277.02 | 3/4    | 573.42 | 3/4    | 869.09   | 3/4    | 1,165.10 | 3/4      | 1,463.24 | 3/4      | 1,762.28 | 3/4      | 2,061.32 | 3/4      | 2,360.36 | 3/4      | 2,659.40 | 3/4      | 2,934.28 | 3/4      | 3,179.42 | 3/4      | 3,424.55 | 3/4      | 3,669.69 | 3/4      |        |
| 1                                                        | 7.16   | 1    | 283.19 | 1      | 579.59 | 1      | 875.24   | 1      | 1,171.26 | 1        | 1,469.47 | 1        | 1,768.51 | 1        | 2,067.55 | 1        | 2,366.59 | 1        | 2,665.63 | 1        | 2,939.39 | 1        | 3,184.52 | 1        | 3,429.66 | 1        | 3,674.79 | 1        |        |
| 1/4                                                      | 10.24  | 1/4  | 289.37 | 1/4    | 585.77 | 1/4    | 881.38   | 1/4    | 1,177.42 | 1/4      | 1,475.70 | 1/4      | 1,774.74 | 1/4      | 2,073.78 | 1/4      | 2,372.82 | 1/4      | 2,671.86 | 1/4      | 2,944.49 | 1/4      | 3,189.63 | 1/4      | 3,434.77 | 1/4      | 3,679.90 | 1/4      |        |
| 1/2                                                      | 13.33  | 1/2  | 295.54 | 1/2    | 591.94 | 1/2    | 887.53   | 1/2    | 1,183.58 | 1/2      | 1,481.93 | 1/2      | 1,780.97 | 1/2      | 2,080.01 | 1/2      | 2,379.05 | 1/2      | 2,678.09 | 1/2      | 2,949.60 | 1/2      | 3,194.74 | 1/2      | 3,439.87 | 1/2      | 3,685.01 | 1/2      |        |
| 3/4                                                      | 16.41  | 3/4  | 301.72 | 3/4    | 598.12 | 3/4    | 893.68   | 3/4    | 1,189.74 | 3/4      | 1,488.16 | 3/4      | 1,787.20 | 3/4      | 2,086.24 | 3/4      | 2,385.28 | 3/4      | 2,684.32 | 3/4      | 2,954.71 | 3/4      | 3,199.84 | 3/4      | 3,444.98 | 3/4      | 3,690.12 | 3/4      |        |
| 2                                                        | 19.49  | 2    | 307.89 | 2      | 604.29 | 2      | 899.83   | 2      | 1,195.90 | 2        | 1,494.39 | 2        | 1,793.43 | 2        | 2,092.47 | 2        | 2,391.51 | 2        | 2,690.55 | 2        | 2,959.81 | 2        | 3,204.95 | 2        | 3,450.09 | 2        | 3,695.22 | 2        |        |
| 1/4                                                      | 24.64  | 1/4  | 314.07 | 1/4    | 610.47 | 1/4    | 905.98   | 1/4    | 1,202.06 | 1/4      | 1,500.62 | 1/4      | 1,799.66 | 1/4      | 2,098.70 | 1/4      | 2,397.74 | 1/4      | 2,696.78 | 1/4      | 2,964.92 | 1/4      | 3,210.06 | 1/4      | 3,455.19 | 1/4      | 3,700.33 | 1/4      |        |
| 1/2                                                      | 29.78  | 1/2  | 320.24 | 1/2    | 616.64 | 1/2    | 912.12   | 1/2    | 1,208.22 | 1/2      | 1,506.85 | 1/2      | 1,805.89 | 1/2      | 2,104.93 | 1/2      | 2,403.97 | 1/2      | 2,703.01 | 1/2      | 2,970.03 | 1/2      | 3,215.16 | 1/2      | 3,460.30 | 1/2      | 3,705.44 | 1/2      |        |
| 3/4                                                      | 34.93  | 3/4  | 326.42 | 3/4    | 622.82 | 3/4    | 918.27   | 3/4    | 1,214.38 | 3/4      | 1,513.08 | 3/4      | 1,812.12 | 3/4      | 2,111.16 | 3/4      | 2,410.20 | 3/4      | 2,709.24 | 3/4      | 2,975.14 | 3/4      | 3,220.27 | 3/4      | 3,465.41 | 3/4      | 3,710.54 | 3/4      |        |
| 3                                                        | 40.07  | 3    | 332.59 | 3      | 628.99 | 3      | 924.42   | 3      | 1,220.54 | 3        | 1,519.31 | 3        | 1,818.35 | 3        | 2,117.39 | 3        | 2,416.43 | 3        | 2,715.47 | 3        | 2,980.24 | 3        | 3,225.38 | 3        | 3,470.51 | 3        | 3,715.65 | 3        |        |
| 1/4                                                      | 46.25  | 1/4  | 338.77 | 1/4    | 635.17 | 1/4    | 930.57   | 1/4    | 1,226.71 | 1/4      | 1,525.54 | 1/4      | 1,824.58 | 1/4      | 2,123.62 | 1/4      | 2,422.66 | 1/4      | 2,721.70 | 1/4      | 2,985.35 | 1/4      | 3,230.49 | 1/4      | 3,475.62 | 1/4      | 3,720.76 | 1/4      |        |
| 1/2                                                      | 52.42  | 1/2  | 344.94 | 1/2    | 641.34 | 1/2    | 936.72   | 1/2    | 1,232.87 | 1/2      | 1,531.77 | 1/2      | 1,830.81 | 1/2      | 2,129.85 | 1/2      | 2,428.89 | 1/2      | 2,727.93 | 1/2      | 2,990.46 | 1/2      | 3,235.59 | 1/2      | 3,480.73 | 1/2      | 3,725.86 | 1/2      |        |
| 3/4                                                      | 58.60  | 3/4  | 351.12 | 3/4    | 647.52 | 3/4    | 942.86   | 3/4    | 1,239.03 | 3/4      | 1,538.00 | 3/4      | 1,837.04 | 3/4      | 2,136.08 | 3/4      | 2,435.12 | 3/4      | 2,734.16 | 3/4      | 2,995.56 | 3/4      | 3,240.70 | 3/4      | 3,485.84 | 3/4      | 3,729.92 | 3/4      |        |
| 4                                                        | 64.77  | 4    | 357.29 | 4      | 653.69 | 4      | 949.01   | 4      | 1,245.19 | 4        | 1,544.23 | 4        | 1,843.27 | 4        | 2,142.31 | 4        | 2,441.35 | 4        | 2,740.39 | 4        | 3,000.67 | 4        | 3,245.81 | 4        | 3,490.94 | 4        | 3,733.97 | 4        |        |
| 1/4                                                      | 70.95  | 1/4  | 363.47 | 1/4    | 659.87 | 1/4    | 955.19   | 1/4    | 1,251.42 | 1/4      | 1,550.46 | 1/4      | 1,849.50 | 1/4      | 2,148.54 | 1/4      | 2,447.58 | 1/4      | 2,746.62 | 1/4      | 3,005.78 | 1/4      | 3,250.91 | 1/4      | 3,496.05 | 1/4      | 3,738.02 | 1/4      |        |
| 1/2                                                      | 77.12  | 1/2  | 369.64 | 1/2    | 666.04 | 1/2    | 961.36   | 1/2    | 1,257.65 | 1/2      | 1,556.69 | 1/2      | 1,855.73 | 1/2      | 2,154.77 | 1/2      | 2,453.81 | 1/2      | 2,752.85 | 1/2      | 3,010.88 | 1/2      | 3,256.02 | 1/2      | 3,501.16 | 1/2      | 3,742.07 | 1/2      |        |
| 3/4                                                      | 83.30  | 3/4  | 375.82 | 3/4    | 672.22 | 3/4    | 967.54   | 3/4    | 1,263.88 | 3/4      | 1,562.92 | 3/4      | 1,861.96 | 3/4      | 2,161.00 | 3/4      | 2,460.04 | 3/4      | 2,759.08 | 3/4      | 3,015.99 | 3/4      | 3,261.13 | 3/4      | 3,506.26 | 3/4      | 3,744.01 | 3/4      |        |
| 5                                                        | 89.47  | 5    | 381.99 | 5      | 678.39 | 5      | 973.71   | 5      | 1,270.11 | 5        | 1,569.15 | 5        | 1,868.19 | 5        | 2,167.23 | 5        | 2,466.27 | 5        | 2,765.31 | 5        | 3,021.10 | 5        | 3,266.23 | 5        | 3,511.37 | 5        | 3,745.95 | 5        |        |
| 1/4                                                      | 95.65  | 1/4  | 388.17 | 1/4    | 684.57 | 1/4    | 979.89   | 1/4    | 1,276.34 | 1/4      | 1,575.38 | 1/4      | 1,874.42 | 1/4      | 2,173.46 | 1/4      | 2,472.50 | 1/4      | 2,771.54 | 1/4      | 3,026.21 | 1/4      | 3,271.34 | 1/4      | 3,516.48 | 1/4      | 3,747.89 | 1/4      |        |
| 1/2                                                      | 101.82 | 1/2  | 394.34 | 1/2    | 690.74 | 1/2    | 986.06   | 1/2    | 1,282.57 | 1/2      | 1,581.61 | 1/2      | 1,880.65 | 1/2      | 2,179.69 | 1/2      | 2,478.73 | 1/2      | 2,777.77 | 1/2      | 3,031.31 | 1/2      | 3,276.45 | 1/2      | 3,521.58 | 1/2      | 3,749.82 | 1/2      |        |
| 3/4                                                      | 108.00 | 3/4  | 400.52 | 3/4    | 696.92 | 3/4    | 992.24   | 3/4    | 1,288.80 | 3/4      | 1,587.84 | 3/4      | 1,886.88 | 3/4      | 2,185.92 | 3/4      | 2,484.96 | 3/4      | 2,784.00 | 3/4      | 3,036.42 | 3/4      | 3,281.56 | 3/4      | 3,526.69 | 3/4      | 3,750.18 | 3/4      |        |
| 6                                                        | 114.17 | 6    | 406.69 | 6      | 703.09 | 6      | 998.41   | 6      | 1,295.03 | 6        | 1,594.07 | 6        | 1,893.11 | 6        | 2,192.15 | 6        | 2,491.19 | 6        | 2,790.23 | 6        | 3,041.53 | 6        | 3,286.66 | 6        | 3,531.80 | 6        | 3,750.53 | 6        |        |
| 1/4                                                      | 119.86 | 1/4  | 412.87 | 1/4    | 709.24 | 1/4    | 1,004.59 | 1/4    | 1,301.26 | 1/4      | 1,600.30 | 1/4      | 1,899.34 | 1/4      | 2,198.38 | 1/4      | 2,497.42 | 1/4      | 2,796.22 | 1/4      | 3,046.63 | 1/4      | 3,291.77 | 1/4      | 3,536.91 | 1/4      | 3,747.89 | 1/4      |        |
| 1/2                                                      | 125.55 | 1/2  | 419.04 | 1/2    | 715.39 | 1/2    | 1,010.76 | 1/2    | 1,307.49 | 1/2      | 1,606.53 | 1/2      | 1,905.57 | 1/2      | 2,204.61 | 1/2      | 2,503.65 | 1/2      | 2,802.22 | 1/2      | 3,051.74 | 1/2      | 3,296.88 | 1/2      | 3,542.01 | 1/2      | 3,752.18 | 1/2      |        |
| 3/4                                                      | 131.24 | 3/4  | 425.22 | 3/4    | 721.54 | 3/4    | 1,016.94 | 3/4    | 1,313.72 | 3/4      | 1,612.76 | 3/4      | 1,911.80 | 3/4      | 2,210.84 | 3/4      | 2,509.88 | 3/4      | 2,808.21 | 3/4      | 3,056.85 | 3/4      | 3,301.98 | 3/4      | 3,547.12 | 3/4      | 3,757.35 | 3/4      |        |
| 7                                                        | 136.93 | 7    | 431.39 | 7      | 727.68 | 7      | 1,023.11 | 7      | 1,319.35 | 7        | 1,618.99 | 7        | 1,918.03 | 7        | 2,217.07 | 7        | 2,516.11 | 7        | 2,814.20 | 7        | 3,061.95 | 7        | 3,307.09 | 7        | 3,552.23 | 7        | 3,757.35 | 7        |        |
| 1/4                                                      | 142.62 | 1/4  | 437.57 | 1/4    | 733.83 | 1/4    | 1,029.29 | 1/4    | 1,326.18 | 1/4      | 1,625.22 | 1/4      | 1,924.26 | 1/4      | 2,223.30 | 1/4      | 2,522.34 | 1/4      | 2,819.84 | 1/4      | 3,067.06 | 1/4      | 3,312.20 | 1/4      | 3,557.33 | 1/4      | 3,757.35 | 1/4      |        |
| 1/2                                                      | 148.31 | 1/2  | 443.74 | 1/2    | 739.98 | 1/2    | 1,035.46 | 1/2    | 1,332.41 | 1/2      | 1,631.45 | 1/2      | 1,930.49 | 1/2      | 2,229.53 | 1/2      | 2,528.57 | 1/2      | 2,825.47 | 1/2      | 3,072.17 | 1/2      | 3,317.30 | 1/2      | 3,562.44 | 1/2      | 3,757.35 | 1/2      |        |
| 3/4                                                      | 154.00 | 3/4  | 449.92 | 3/4    | 746.13 | 3/4    | 1,041.64 | 3/4    | 1,338.64 | 3/4      | 1,637.68 | 3/4      | 1,936.72 | 3/4      | 2,235.76 | 3/4      | 2,534.80 | 3/4      | 2,831.10 | 3/4      | 3,077.28 | 3/4      | 3,322.41 | 3/4      | 3,567.55 | 3/4      | 3,757.35 | 3/4      |        |
| 8                                                        | 159.69 | 8    | 456.09 | 8      | 752.28 | 8      | 1,047.81 | 8      | 1,344.67 | 8        | 1,643.91 | 8        | 1,942.95 | 8        | 2,241.99 | 8        | 2,541.03 | 8        | 2,836.74 | 8        | 3,082.38 | 8        | 3,327.52 | 8        | 3,572.65 | 8        | 3,757.35 | 8        |        |
| 1/4                                                      | 165.87 | 1/4  | 462.27 | 1/4    | 758.42 | 1/4    | 1,053.99 | 1/4    | 1,351.10 | 1/4      | 1,650.14 | 1/4      | 1,949.18 | 1/4      | 2,248.22 | 1/4      | 2,547.26 | 1/4      | 2,842.10 | 1/4      | 3,087.49 | 1/4      | 3,332.63 | 1/4      | 3,577.76 | 1/4      | 3,757.35 | 1/4      |        |
| 1/2                                                      |        |      |        |        |        |        |          |        |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |        |





BARGE "MPC-1003"  
MARATHON PETROLEUM  
INNAGE TABLE

TANK NO. 2

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

|     | 0 FT. | 1 FT.  | 2 FT. | 3 FT.  | 4 FT. | 5 FT.  | 6 FT. | 7 FT.  | 8 FT. | 9 FT.    | 10 FT. | 11 FT.   | 12 FT. | 13 FT.   | 14 FT. |          |     |          |     |          |     |          |     |          |     |          |     |          |     |
|-----|-------|--------|-------|--------|-------|--------|-------|--------|-------|----------|--------|----------|--------|----------|--------|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|
| 0   | SUMP  | 0.34   | 0     | 226.45 | 0     | 489.30 | 0     | 751.50 | 0     | 1,013.91 | 0      | 1,277.00 | 0      | 1,540.57 | 0      | 1,804.14 | 0   | 2,067.71 | 0   | 2,331.27 | 0   | 2,594.84 | 0   | 2,858.41 | 0   | 3,121.98 | 0   | 3,385.55 | 0   |
| 1/4 |       | 1.25   | 1/4   | 231.93 | 1/4   | 494.77 | 1/4   | 756.95 | 1/4   | 1,019.38 | 1/4    | 1,282.49 | 1/4    | 1,546.06 | 1/4    | 1,809.63 | 1/4 | 2,073.20 | 1/4 | 2,336.76 | 1/4 | 2,600.33 | 1/4 | 2,863.90 | 1/4 | 3,127.47 | 1/4 | 3,391.04 | 1/4 |
| 1/2 |       | 2.16   | 1/2   | 237.40 | 1/2   | 500.25 | 1/2   | 762.40 | 1/2   | 1,024.84 | 1/2    | 1,287.98 | 1/2    | 1,551.55 | 1/2    | 1,815.12 | 1/2 | 2,078.69 | 1/2 | 2,342.26 | 1/2 | 2,605.82 | 1/2 | 2,869.39 | 1/2 | 3,132.96 | 1/2 | 3,396.53 | 1/2 |
| 3/4 |       | 3.08   | 3/4   | 242.88 | 3/4   | 505.73 | 3/4   | 767.84 | 3/4   | 1,030.30 | 3/4    | 1,293.48 | 3/4    | 1,557.04 | 3/4    | 1,820.61 | 3/4 | 2,084.18 | 3/4 | 2,347.75 | 3/4 | 2,611.31 | 3/4 | 2,874.88 | 3/4 | 3,138.45 | 3/4 | 3,402.02 | 3/4 |
| 1   |       | 3.99   | 1     | 248.35 | 1     | 511.20 | 1     | 773.29 | 1     | 1,035.76 | 1      | 1,298.97 | 1      | 1,562.53 | 1      | 1,826.10 | 1   | 2,089.67 | 1   | 2,353.24 | 1   | 2,616.81 | 1   | 2,880.37 | 1   | 3,143.94 | 1   | 3,407.51 | 1   |
| 1/4 |       | 6.73   | 1/4   | 253.83 | 1/4   | 516.68 | 1/4   | 778.74 | 1/4   | 1,041.22 | 1/4    | 1,304.46 | 1/4    | 1,568.03 | 1/4    | 1,831.59 | 1/4 | 2,095.16 | 1/4 | 2,358.73 | 1/4 | 2,622.30 | 1/4 | 2,885.86 | 1/4 | 3,149.43 | 1/4 | 3,413.00 | 1/4 |
| 1/2 |       | 9.47   | 1/2   | 259.31 | 1/2   | 522.15 | 1/2   | 784.19 | 1/2   | 1,046.68 | 1/2    | 1,309.95 | 1/2    | 1,573.52 | 1/2    | 1,839.08 | 1/2 | 2,102.65 | 1/2 | 2,366.22 | 1/2 | 2,627.79 | 1/2 | 2,891.36 | 1/2 | 3,154.92 | 1/2 | 3,418.49 | 1/2 |
| 3/4 |       | 12.20  | 3/4   | 264.78 | 3/4   | 527.63 | 3/4   | 789.64 | 3/4   | 1,052.14 | 3/4    | 1,315.44 | 3/4    | 1,579.01 | 3/4    | 1,842.58 | 3/4 | 2,106.14 | 3/4 | 2,369.71 | 3/4 | 2,633.28 | 3/4 | 2,896.85 | 3/4 | 3,160.41 | 3/4 | 3,423.98 | 3/4 |
| 2   |       | 14.94  | 2     | 270.26 | 2     | 533.11 | 2     | 795.09 | 2     | 1,057.60 | 2      | 1,320.93 | 2      | 1,584.50 | 2      | 1,848.07 | 2   | 2,117.63 | 2   | 2,375.20 | 2   | 2,638.77 | 2   | 2,902.34 | 2   | 3,165.91 | 2   | 3,429.47 | 2   |
| 1/4 |       | 19.51  | 1/4   | 275.73 | 1/4   | 538.58 | 1/4   | 800.54 | 1/4   | 1,063.06 | 1/4    | 1,326.42 | 1/4    | 1,595.99 | 1/4    | 1,853.56 | 1/4 | 2,119.13 | 1/4 | 2,380.69 | 1/4 | 2,644.26 | 1/4 | 2,907.83 | 1/4 | 3,171.40 | 1/4 | 3,434.96 | 1/4 |
| 1/2 |       | 24.07  | 1/2   | 281.21 | 1/2   | 544.06 | 1/2   | 805.99 | 1/2   | 1,068.52 | 1/2    | 1,331.91 | 1/2    | 1,599.48 | 1/2    | 1,859.05 | 1/2 | 2,122.62 | 1/2 | 2,386.18 | 1/2 | 2,649.75 | 1/2 | 2,916.81 | 1/2 | 3,176.89 | 1/2 | 3,440.46 | 1/2 |
| 3/4 |       | 28.63  | 3/4   | 286.69 | 3/4   | 549.53 | 3/4   | 811.44 | 3/4   | 1,073.99 | 3/4    | 1,339.37 | 3/4    | 1,600.97 | 3/4    | 1,864.54 | 3/4 | 2,128.11 | 3/4 | 2,391.67 | 3/4 | 2,655.24 | 3/4 | 2,918.81 | 3/4 | 3,182.38 | 3/4 | 3,445.95 | 3/4 |
| 3   |       | 33.19  | 3     | 292.16 | 3     | 555.01 | 3     | 816.89 | 3     | 1,079.45 | 3      | 1,342.89 | 3      | 1,606.46 | 3      | 1,870.03 | 3   | 2,133.60 | 3   | 2,397.17 | 3   | 2,660.73 | 3   | 2,924.30 | 3   | 3,187.87 | 3   | 3,451.44 | 3   |
| 1/4 |       | 38.67  | 1/4   | 297.64 | 1/4   | 560.49 | 1/4   | 822.33 | 1/4   | 1,084.91 | 1/4    | 1,348.39 | 1/4    | 1,611.95 | 1/4    | 1,875.52 | 1/4 | 2,139.09 | 1/4 | 2,402.66 | 1/4 | 2,668.19 | 1/4 | 2,929.79 | 1/4 | 3,193.36 | 1/4 | 3,456.93 | 1/4 |
| 1/2 |       | 44.15  | 1/2   | 303.11 | 1/2   | 565.96 | 1/2   | 827.78 | 1/2   | 1,090.37 | 1/2    | 1,353.88 | 1/2    | 1,617.44 | 1/2    | 1,881.01 | 1/2 | 2,144.58 | 1/2 | 2,408.15 | 1/2 | 2,671.72 | 1/2 | 2,935.28 | 1/2 | 3,198.85 | 1/2 | 3,462.42 | 1/2 |
| 3/4 |       | 49.62  | 3/4   | 308.59 | 3/4   | 571.44 | 3/4   | 833.23 | 3/4   | 1,095.83 | 3/4    | 1,359.37 | 3/4    | 1,622.94 | 3/4    | 1,886.50 | 3/4 | 2,150.07 | 3/4 | 2,413.64 | 3/4 | 2,677.21 | 3/4 | 2,940.77 | 3/4 | 3,204.34 | 3/4 | 3,466.80 | 3/4 |
| 4   |       | 55.10  | 4     | 314.07 | 4     | 576.91 | 4     | 838.68 | 4     | 1,101.29 | 4      | 1,354.86 | 4      | 1,623.92 | 4      | 1,889.99 | 4   | 2,155.56 | 4   | 2,419.13 | 4   | 2,682.70 | 4   | 2,946.27 | 4   | 3,209.83 | 4   | 3,471.18 | 4   |
| 1/4 |       | 60.57  | 1/4   | 319.54 | 1/4   | 582.39 | 1/4   | 844.16 | 1/4   | 1,106.78 | 1/4    | 1,370.35 | 1/4    | 1,633.92 | 1/4    | 1,887.49 | 1/4 | 2,161.05 | 1/4 | 2,424.62 | 1/4 | 2,688.19 | 1/4 | 2,951.76 | 1/4 | 3,215.32 | 1/4 | 3,475.56 | 1/4 |
| 1/2 |       | 66.05  | 1/2   | 325.02 | 1/2   | 587.87 | 1/2   | 849.63 | 1/2   | 1,112.27 | 1/2    | 1,375.84 | 1/2    | 1,639.41 | 1/2    | 1,902.98 | 1/2 | 2,166.54 | 1/2 | 2,430.11 | 1/2 | 2,693.68 | 1/2 | 2,957.25 | 1/2 | 3,220.82 | 1/2 | 3,479.94 | 1/2 |
| 3/4 |       | 71.53  | 3/4   | 330.49 | 3/4   | 593.34 | 3/4   | 855.11 | 3/4   | 1,117.76 | 3/4    | 1,381.33 | 3/4    | 1,644.90 | 3/4    | 1,908.47 | 3/4 | 2,172.04 | 3/4 | 2,435.60 | 3/4 | 2,699.17 | 3/4 | 2,962.74 | 3/4 | 3,226.31 | 3/4 | 3,482.13 | 3/4 |
| 5   |       | 77.00  | 5     | 335.97 | 5     | 598.82 | 5     | 860.59 | 5     | 1,123.25 | 5      | 1,386.82 | 5      | 1,650.39 | 5      | 1,913.96 | 5   | 2,177.53 | 5   | 2,441.09 | 5   | 2,704.66 | 5   | 2,968.23 | 5   | 3,231.80 | 5   | 3,484.32 | 5   |
| 1/4 |       | 82.48  | 1/4   | 341.45 | 1/4   | 604.29 | 1/4   | 866.06 | 1/4   | 1,128.75 | 1/4    | 1,392.31 | 1/4    | 1,655.88 | 1/4    | 1,919.45 | 1/4 | 2,183.02 | 1/4 | 2,446.58 | 1/4 | 2,710.15 | 1/4 | 2,973.72 | 1/4 | 3,237.29 | 1/4 | 3,486.51 | 1/4 |
| 1/2 |       | 87.95  | 1/2   | 346.92 | 1/2   | 609.77 | 1/2   | 871.54 | 1/2   | 1,134.24 | 1/2    | 1,397.80 | 1/2    | 1,661.37 | 1/2    | 1,924.94 | 1/2 | 2,188.57 | 1/2 | 2,452.08 | 1/2 | 2,715.64 | 1/2 | 2,979.21 | 1/2 | 3,242.78 | 1/2 | 3,488.70 | 1/2 |
| 3/4 |       | 93.43  | 3/4   | 352.40 | 3/4   | 615.25 | 3/4   | 877.01 | 3/4   | 1,139.73 | 3/4    | 1,403.30 | 3/4    | 1,666.86 | 3/4    | 1,930.43 | 3/4 | 2,194.00 | 3/4 | 2,457.57 | 3/4 | 2,721.13 | 3/4 | 2,984.70 | 3/4 | 3,248.27 | 3/4 | 3,489.25 | 3/4 |
| 6   |       | 98.91  | 6     | 357.87 | 6     | 620.72 | 6     | 882.49 | 6     | 1,145.22 | 6      | 1,408.79 | 6      | 1,672.35 | 6      | 1,935.92 | 6   | 2,199.49 | 6   | 2,463.06 | 6   | 2,726.63 | 6   | 2,990.19 | 6   | 3,253.76 | 6   | 3,489.80 | 6   |
| 1/4 |       | 103.90 | 1/4   | 363.35 | 1/4   | 626.17 | 1/4   | 887.97 | 1/4   | 1,150.71 | 1/4    | 1,414.28 | 1/4    | 1,677.85 | 1/4    | 1,941.41 | 1/4 | 2,204.98 | 1/4 | 2,468.55 | 1/4 | 2,732.12 | 1/4 | 2,995.68 | 1/4 | 3,259.25 | 1/4 | 3,495.80 | 1/4 |
| 1/2 |       | 108.89 | 1/2   | 368.83 | 1/2   | 631.62 | 1/2   | 893.44 | 1/2   | 1,156.20 | 1/2    | 1,419.77 | 1/2    | 1,683.34 | 1/2    | 1,946.90 | 1/2 | 2,212.47 | 1/2 | 2,474.04 | 1/2 | 2,737.61 | 1/2 | 3,001.18 | 1/2 | 3,264.74 | 1/2 | 3,499.25 | 1/2 |
| 3/4 |       | 113.88 | 3/4   | 374.30 | 3/4   | 637.07 | 3/4   | 898.92 | 3/4   | 1,161.69 | 3/4    | 1,425.26 | 3/4    | 1,688.83 | 3/4    | 1,952.40 | 3/4 | 2,215.96 | 3/4 | 2,479.53 | 3/4 | 2,743.10 | 3/4 | 3,006.67 | 3/4 | 3,270.23 | 3/4 | 3,499.25 | 3/4 |
| 7   |       | 118.87 | 7     | 379.78 | 7     | 642.52 | 7     | 904.39 | 7     | 1,167.18 | 7      | 1,430.75 | 7      | 1,694.32 | 7      | 1,957.89 | 7   | 2,221.45 | 7   | 2,485.02 | 7   | 2,748.59 | 7   | 3,012.16 | 7   | 3,275.73 | 7   |          |     |
| 1/4 |       | 123.86 | 1/4   | 385.25 | 1/4   | 647.97 | 1/4   | 909.87 | 1/4   | 1,172.67 | 1/4    | 1,436.24 | 1/4    | 1,699.81 | 1/4    | 1,963.38 | 1/4 | 2,226.95 | 1/4 | 2,490.51 | 1/4 | 2,754.08 | 1/4 | 3,017.65 | 1/4 | 3,281.22 | 1/4 |          |     |
| 1/2 |       | 128.85 | 1/2   | 390.73 | 1/2   | 653.42 | 1/2   | 915.35 | 1/2   | 1,178.16 | 1/2    | 1,441.73 | 1/2    | 1,705.30 | 1/2    | 1,968.87 | 1/2 | 2,232.44 | 1/2 | 2,496.00 | 1/2 | 2,759.57 | 1/2 | 3,023.14 | 1/2 | 3,286.71 | 1/2 |          |     |
| 3/4 |       | 133.84 | 3/4   | 396.21 | 3/4   | 658.87 | 3/4   | 920.82 | 3/4   | 1,183.66 | 3/4    | 1,447.22 | 3/4    | 1,710.79 | 3/4    | 1,974.36 | 3/4 | 2,237.93 | 3/4 | 2,501.49 | 3/4 | 2,765.06 | 3/4 | 3,028.63 | 3/4 | 3,292.20 | 3/4 |          |     |
| 8   |       | 138.83 | 8     | 401.68 | 8     | 664.31 | 8     | 926.30 | 8     | 1,189.15 | 8      | 1,452.71 | 8      | 1,716.28 | 8      | 1,979.85 | 8   | 2,243.42 | 8   | 2,506.99 | 8   | 2,770.55 | 8   | 3,034.12 | 8   | 3,297.69 | 8   |          |     |
| 1/4 |       | 144.31 | 1/4   | 407.16 | 1/4   | 669.76 | 1/4   | 931.77 | 1/4   | 1,194.64 | 1/4    | 1,458.21 | 1/4    | 1,721.77 | 1/4    | 1,985.34 | 1/4 | 2,248.91 | 1/4 | 2,512.48 | 1/4 | 2,776.04 | 1/4 | 3,039.61 | 1/4 | 3,303.18 | 1/4 |          |     |
| 1/2 |       | 149.79 | 1/2   | 412.63 | 1/2   | 675.21 | 1/2   | 937.25 | 1/2   | 1,200.13 | 1/2    | 1,463.70 | 1/2    | 1,727.26 | 1/2    | 1,990.83 | 1/2 |          |     |          |     |          |     |          |     |          |     |          |     |





ISO 9002 ACCREDITED

BARGE "MPC-1003"  
MARATHON PETROLEUM

INNAGE TABLE

TANK NO. 3

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

|     | n    | 0 FT.  | n   | 1 FT.  | n   | 2 FT.  | n   | 3 FT.  | n   | 4 FT.    | n   | 5 FT.    | n   | 6 FT.    | n   | 7 FT.    | n   | 8 FT.    | n   | 9 FT.    | n   | 10 FT.   | n   | 11 FT.   | n   | 12 FT.   | n   | 13 FT.   | n   | 14 FT. |
|-----|------|--------|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|
| 0   | SUMP | 0.34   | 0   | 226.45 | 0   | 489.30 | 0   | 751.50 | 0   | 1,013.91 | 0   | 1,274.99 | 0   | 1,535.53 | 0   | 1,796.07 | 0   | 2,056.62 | 0   | 2,317.16 | 0   | 2,577.71 | 0   | 2,838.25 | 0   | 3,098.79 | 0   | 3,359.34 | 0   |        |
| 1/4 |      | 1.25   | 1/4 | 231.93 | 1/4 | 494.77 | 1/4 | 756.95 | 1/4 | 1,019.38 | 1/4 | 1,280.41 | 1/4 | 1,540.96 | 1/4 | 1,801.50 | 1/4 | 2,062.05 | 1/4 | 2,322.59 | 1/4 | 2,583.13 | 1/4 | 2,843.68 | 1/4 | 3,104.22 | 1/4 | 3,364.77 | 1/4 |        |
| 1/2 |      | 2.16   | 1/2 | 237.40 | 1/2 | 500.25 | 1/2 | 762.40 | 1/2 | 1,024.84 | 1/2 | 1,285.84 | 1/2 | 1,546.39 | 1/2 | 1,806.93 | 1/2 | 2,067.47 | 1/2 | 2,328.02 | 1/2 | 2,588.56 | 1/2 | 2,849.11 | 1/2 | 3,109.65 | 1/2 | 3,370.19 | 1/2 |        |
| 3/4 |      | 3.08   | 3/4 | 242.88 | 3/4 | 505.73 | 3/4 | 767.84 | 3/4 | 1,030.30 | 3/4 | 1,291.27 | 3/4 | 1,551.81 | 3/4 | 1,812.36 | 3/4 | 2,072.90 | 3/4 | 2,333.45 | 3/4 | 2,593.99 | 3/4 | 2,854.53 | 3/4 | 3,115.08 | 3/4 | 3,375.62 | 3/4 |        |
| 1   |      | 3.99   | 1   | 248.35 | 1   | 511.20 | 1   | 773.29 | 1   | 1,035.76 | 1   | 1,296.70 | 1   | 1,557.24 | 1   | 1,817.79 | 1   | 2,078.33 | 1   | 2,338.87 | 1   | 2,599.42 | 1   | 2,859.96 | 1   | 3,120.51 | 1   | 3,381.05 | 1   |        |
| 1/4 |      | 6.73   | 1/4 | 253.83 | 1/4 | 516.68 | 1/4 | 778.74 | 1/4 | 1,041.22 | 1/4 | 1,302.13 | 1/4 | 1,562.67 | 1/4 | 1,823.21 | 1/4 | 2,083.76 | 1/4 | 2,344.30 | 1/4 | 2,604.85 | 1/4 | 2,865.39 | 1/4 | 3,125.93 | 1/4 | 3,386.48 | 1/4 |        |
| 1/2 |      | 9.47   | 1/2 | 259.31 | 1/2 | 522.15 | 1/2 | 784.19 | 1/2 | 1,046.68 | 1/2 | 1,307.55 | 1/2 | 1,568.10 | 1/2 | 1,828.64 | 1/2 | 2,089.19 | 1/2 | 2,349.73 | 1/2 | 2,610.27 | 1/2 | 2,870.82 | 1/2 | 3,131.36 | 1/2 | 3,391.91 | 1/2 |        |
| 3/4 |      | 12.20  | 3/4 | 264.78 | 3/4 | 527.63 | 3/4 | 789.64 | 3/4 | 1,052.14 | 3/4 | 1,312.98 | 3/4 | 1,573.53 | 3/4 | 1,834.07 | 3/4 | 2,094.61 | 3/4 | 2,355.16 | 3/4 | 2,615.70 | 3/4 | 2,876.25 | 3/4 | 3,136.79 | 3/4 | 3,396.97 | 3/4 |        |
| 2   |      | 14.94  | 2   | 270.26 | 2   | 533.11 | 2   | 795.09 | 2   | 1,057.60 | 2   | 1,318.41 | 2   | 1,578.95 | 2   | 1,839.50 | 2   | 2,100.04 | 2   | 2,360.59 | 2   | 2,621.13 | 2   | 2,881.67 | 2   | 3,142.22 | 2   | 3,402.76 | 2   |        |
| 1/4 |      | 19.51  | 1/4 | 275.73 | 1/4 | 538.58 | 1/4 | 800.54 | 1/4 | 1,063.06 | 1/4 | 1,323.84 | 1/4 | 1,584.38 | 1/4 | 1,844.93 | 1/4 | 2,105.47 | 1/4 | 2,366.01 | 1/4 | 2,626.56 | 1/4 | 2,887.10 | 1/4 | 3,147.65 | 1/4 | 3,408.19 | 1/4 |        |
| 1/2 |      | 24.07  | 1/2 | 281.21 | 1/2 | 544.06 | 1/2 | 805.99 | 1/2 | 1,068.52 | 1/2 | 1,329.27 | 1/2 | 1,589.81 | 1/2 | 1,850.35 | 1/2 | 2,110.90 | 1/2 | 2,371.44 | 1/2 | 2,631.99 | 1/2 | 2,892.53 | 1/2 | 3,153.07 | 1/2 | 3,413.62 | 1/2 |        |
| 3/4 |      | 28.63  | 3/4 | 286.69 | 3/4 | 549.53 | 3/4 | 811.44 | 3/4 | 1,073.99 | 3/4 | 1,334.69 | 3/4 | 1,595.24 | 3/4 | 1,855.78 | 3/4 | 2,116.33 | 3/4 | 2,376.87 | 3/4 | 2,637.41 | 3/4 | 2,897.96 | 3/4 | 3,158.50 | 3/4 | 3,419.05 | 3/4 |        |
| 3   |      | 33.19  | 3   | 292.16 | 3   | 555.01 | 3   | 816.89 | 3   | 1,079.45 | 3   | 1,340.12 | 3   | 1,600.67 | 3   | 1,861.21 | 3   | 2,121.75 | 3   | 2,382.30 | 3   | 2,642.84 | 3   | 2,903.39 | 3   | 3,163.93 | 3   | 3,424.47 | 3   |        |
| 1/4 |      | 38.67  | 1/4 | 297.64 | 1/4 | 560.49 | 1/4 | 822.33 | 1/4 | 1,084.91 | 1/4 | 1,345.55 | 1/4 | 1,606.09 | 1/4 | 1,866.64 | 1/4 | 2,127.18 | 1/4 | 2,387.73 | 1/4 | 2,648.27 | 1/4 | 2,908.81 | 1/4 | 3,169.36 | 1/4 | 3,429.90 | 1/4 |        |
| 1/2 |      | 44.15  | 1/2 | 303.11 | 1/2 | 565.96 | 1/2 | 827.78 | 1/2 | 1,090.37 | 1/2 | 1,350.98 | 1/2 | 1,611.52 | 1/2 | 1,872.07 | 1/2 | 2,132.61 | 1/2 | 2,393.15 | 1/2 | 2,653.70 | 1/2 | 2,914.24 | 1/2 | 3,174.79 | 1/2 | 3,435.33 | 1/2 |        |
| 3/4 |      | 49.62  | 3/4 | 308.59 | 3/4 | 571.44 | 3/4 | 833.23 | 3/4 | 1,095.83 | 3/4 | 1,356.41 | 3/4 | 1,616.95 | 3/4 | 1,877.49 | 3/4 | 2,138.04 | 3/4 | 2,398.58 | 3/4 | 2,659.13 | 3/4 | 2,919.67 | 3/4 | 3,180.21 | 3/4 | 3,439.71 | 3/4 |        |
| 4   |      | 55.10  | 4   | 314.07 | 4   | 576.91 | 4   | 838.68 | 4   | 1,101.29 | 4   | 1,361.83 | 4   | 1,622.38 | 4   | 1,882.92 | 4   | 2,143.47 | 4   | 2,404.01 | 4   | 2,664.55 | 4   | 2,925.10 | 4   | 3,185.64 | 4   | 3,444.09 | 4   |        |
| 1/4 |      | 60.57  | 1/4 | 319.54 | 1/4 | 582.39 | 1/4 | 844.16 | 1/4 | 1,106.12 | 1/4 | 1,367.26 | 1/4 | 1,627.81 | 1/4 | 1,888.35 | 1/4 | 2,148.89 | 1/4 | 2,409.44 | 1/4 | 2,669.98 | 1/4 | 2,930.53 | 1/4 | 3,191.07 | 1/4 | 3,448.47 | 1/4 |        |
| 1/2 |      | 66.05  | 1/2 | 325.02 | 1/2 | 587.87 | 1/2 | 849.63 | 1/2 | 1,112.15 | 1/2 | 1,372.69 | 1/2 | 1,633.23 | 1/2 | 1,893.78 | 1/2 | 2,154.32 | 1/2 | 2,414.87 | 1/2 | 2,675.41 | 1/2 | 2,935.95 | 1/2 | 3,196.50 | 1/2 | 3,452.85 | 1/2 |        |
| 3/4 |      | 71.53  | 3/4 | 330.49 | 3/4 | 593.34 | 3/4 | 855.11 | 3/4 | 1,117.57 | 3/4 | 1,378.12 | 3/4 | 1,638.66 | 3/4 | 1,899.21 | 3/4 | 2,159.75 | 3/4 | 2,420.29 | 3/4 | 2,680.84 | 3/4 | 2,941.38 | 3/4 | 3,201.93 | 3/4 | 3,457.04 | 3/4 |        |
| 5   |      | 77.00  | 5   | 335.97 | 5   | 598.82 | 5   | 860.59 | 5   | 1,123.00 | 5   | 1,383.55 | 5   | 1,644.09 | 5   | 1,904.63 | 5   | 2,165.18 | 5   | 2,425.72 | 5   | 2,686.27 | 5   | 2,946.81 | 5   | 3,207.35 | 5   | 3,467.23 | 5   |        |
| 1/4 |      | 82.48  | 1/4 | 341.45 | 1/4 | 604.29 | 1/4 | 866.06 | 1/4 | 1,128.43 | 1/4 | 1,388.97 | 1/4 | 1,649.52 | 1/4 | 1,910.06 | 1/4 | 2,170.61 | 1/4 | 2,431.15 | 1/4 | 2,691.69 | 1/4 | 2,952.24 | 1/4 | 3,212.78 | 1/4 | 3,459.42 | 1/4 |        |
| 1/2 |      | 87.95  | 1/2 | 346.92 | 1/2 | 609.77 | 1/2 | 871.54 | 1/2 | 1,133.86 | 1/2 | 1,394.40 | 1/2 | 1,654.95 | 1/2 | 1,915.49 | 1/2 | 2,176.03 | 1/2 | 2,436.58 | 1/2 | 2,697.12 | 1/2 | 2,957.67 | 1/2 | 3,218.21 | 1/2 | 3,461.61 | 1/2 |        |
| 3/4 |      | 93.43  | 3/4 | 352.40 | 3/4 | 615.25 | 3/4 | 877.01 | 3/4 | 1,139.29 | 3/4 | 1,399.83 | 3/4 | 1,659.37 | 3/4 | 1,920.92 | 3/4 | 2,181.46 | 3/4 | 2,442.01 | 3/4 | 2,702.55 | 3/4 | 2,963.09 | 3/4 | 3,223.64 | 3/4 | 3,462.16 | 3/4 |        |
| 6   |      | 98.91  | 6   | 357.87 | 6   | 620.72 | 6   | 882.49 | 6   | 1,144.71 | 6   | 1,405.26 | 6   | 1,665.80 | 6   | 1,926.35 | 6   | 2,186.89 | 6   | 2,447.43 | 6   | 2,707.98 | 6   | 2,968.52 | 6   | 3,229.07 | 6   | 3,467.23 | 6   |        |
| 1/4 |      | 103.90 | 1/4 | 363.35 | 1/4 | 626.17 | 1/4 | 887.97 | 1/4 | 1,150.14 | 1/4 | 1,410.59 | 1/4 | 1,671.23 | 1/4 | 1,931.77 | 1/4 | 2,192.32 | 1/4 | 2,452.86 | 1/4 | 2,713.41 | 1/4 | 2,973.95 | 1/4 | 3,234.49 | 1/4 | 3,481.71 | 1/4 |        |
| 1/2 |      | 108.89 | 1/2 | 368.83 | 1/2 | 631.62 | 1/2 | 893.44 | 1/2 | 1,155.67 | 1/2 | 1,416.11 | 1/2 | 1,676.66 | 1/2 | 1,937.20 | 1/2 | 2,197.75 | 1/2 | 2,458.29 | 1/2 | 2,718.83 | 1/2 | 2,979.38 | 1/2 | 3,239.92 | 1/2 | 3,486.23 | 1/2 |        |
| 3/4 |      | 113.88 | 3/4 | 374.30 | 3/4 | 637.07 | 3/4 | 898.92 | 3/4 | 1,161.00 | 3/4 | 1,421.54 | 3/4 | 1,682.09 | 3/4 | 1,942.63 | 3/4 | 2,203.17 | 3/4 | 2,463.72 | 3/4 | 2,724.26 | 3/4 | 2,984.81 | 3/4 | 3,245.35 | 3/4 | 3,491.76 | 3/4 |        |
| 7   |      | 118.87 | 7   | 379.78 | 7   | 642.52 | 7   | 904.39 | 7   | 1,166.43 | 7   | 1,426.97 | 7   | 1,687.51 | 7   | 1,948.06 | 7   | 2,208.60 | 7   | 2,469.15 | 7   | 2,729.69 | 7   | 2,990.23 | 7   | 3,250.78 | 7   | 3,501.82 | 7   |        |
| 1/4 |      | 123.86 | 1/4 | 385.25 | 1/4 | 647.97 | 1/4 | 909.87 | 1/4 | 1,171.85 | 1/4 | 1,432.40 | 1/4 | 1,692.94 | 1/4 | 1,953.49 | 1/4 | 2,214.03 | 1/4 | 2,474.57 | 1/4 | 2,735.12 | 1/4 | 2,995.66 | 1/4 | 3,256.21 | 1/4 | 3,507.25 | 1/4 |        |
| 1/2 |      | 128.85 | 1/2 | 390.73 | 1/2 | 653.42 | 1/2 | 915.35 | 1/2 | 1,177.28 | 1/2 | 1,437.83 | 1/2 | 1,698.37 | 1/2 | 1,958.91 | 1/2 | 2,219.46 | 1/2 | 2,480.00 | 1/2 | 2,740.55 | 1/2 | 3,001.09 | 1/2 | 3,261.63 | 1/2 | 3,512.29 | 1/2 |        |
| 3/4 |      | 133.84 | 3/4 | 396.21 | 3/4 | 658.87 | 3/4 | 920.82 | 3/4 | 1,182.71 | 3/4 | 1,443.25 | 3/4 | 1,703.80 | 3/4 | 1,964.34 | 3/4 | 2,224.89 | 3/4 | 2,485.43 | 3/4 | 2,745.97 | 3/4 | 3,006.52 | 3/4 | 3,267.06 | 3/4 | 3,517.82 | 3/4 |        |
| 8   |      | 138.83 | 8   | 401.68 | 8   | 664.31 | 8   | 926.30 | 8   | 1,188.14 | 8   | 1,448.68 | 8   | 1,709.23 | 8   | 1,969.77 | 8   | 2,230.31 | 8   | 2,490.86 | 8   | 2,751.40 | 8   | 3,011.95 | 8   | 3,272.42 | 8   | 3,518.37 | 8   |        |
| 1/4 |      | 144.31 |     |        |     |        |     |        |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |        |





BARGE "MPC-1003"

MARATHON PETROLEUM

OUTAGE TABLE

FUEL TANK

|     |  | 0 FT. |        | 1 FT. |        | 2 FT. |       | 3 FT. |  | 4 FT. |  | 5 FT. |  | 6 FT. |  | 7 FT. |  | 8 FT. |  | 9 FT. |  | 10 FT. |  | 11 FT. |  | 12 FT. |  | 13 FT. |  | 14 FT. |  |
|-----|--|-------|--------|-------|--------|-------|-------|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|--------|--|--------|--|--------|--|--------|--|--------|--|
| N   |  | N     |        | N     |        | N     |       | N     |  | N     |  | N     |  | N     |  | N     |  | N     |  | N     |  | N      |  | N      |  | N      |  | N      |  | N      |  |
| 0   |  | 0     | 309.96 | 0     | 190.96 | 0     | 67.12 | 0     |  | 0     |  | 0     |  | 0     |  | 0     |  | 0     |  | 0     |  | 0      |  | 0      |  | 0      |  | 0      |  | 0      |  |
| 1/4 |  | 1/4   | 307.90 | 1/4   | 188.28 | 1/4   | 64.79 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 305.74 | 1/2   | 185.59 | 1/2   | 62.54 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 303.58 | 3/4   | 182.90 | 3/4   | 60.29 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 1   |  | 1     | 301.41 | 1     | 180.21 | 1     | 58.04 | 1     |  | 1     |  | 1     |  | 1     |  | 1     |  | 1     |  | 1     |  | 1      |  | 1      |  | 1      |  | 1      |  | 1      |  |
| 1/4 |  | 1/4   | 299.25 | 1/4   | 177.52 | 1/4   | 55.79 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 297.00 | 1/2   | 174.83 | 1/2   | 53.63 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 294.75 | 3/4   | 172.14 | 3/4   | 51.46 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 2   |  | 2     | 292.50 | 2     | 169.45 | 2     | 49.30 | 2     |  | 2     |  | 2     |  | 2     |  | 2     |  | 2     |  | 2     |  | 2      |  | 2      |  | 2      |  | 2      |  | 2      |  |
| 1/4 |  | 1/4   | 290.25 | 1/4   | 166.76 | 1/4   | 47.14 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 287.92 | 1/2   | 164.08 | 1/2   | 45.08 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 285.59 | 3/4   | 161.39 | 3/4   | 43.02 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 3   |  | 3     | 283.26 | 3     | 158.71 | 3     | 40.96 | 3     |  | 3     |  | 3     |  | 3     |  | 3     |  | 3     |  | 3     |  | 3      |  | 3      |  | 3      |  | 3      |  | 3      |  |
| 1/4 |  | 1/4   | 280.93 | 1/4   | 156.02 | 1/4   | 38.90 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 278.53 | 1/2   | 153.35 | 1/2   | 36.95 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 276.13 | 3/4   | 150.68 | 3/4   | 35.01 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 4   |  | 4     | 273.73 | 4     | 148.01 | 4     | 33.06 | 4     |  | 4     |  | 4     |  | 4     |  | 4     |  | 4     |  | 4     |  | 4      |  | 4      |  | 4      |  | 4      |  | 4      |  |
| 1/4 |  | 1/4   | 271.33 | 1/4   | 145.34 | 1/4   | 31.12 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 268.87 | 1/2   | 142.69 | 1/2   | 29.30 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 266.41 | 3/4   | 140.03 | 3/4   | 27.49 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 5   |  | 5     | 263.95 | 5     | 137.38 | 5     | 25.67 | 5     |  | 5     |  | 5     |  | 5     |  | 5     |  | 5     |  | 5     |  | 5      |  | 5      |  | 5      |  | 5      |  | 5      |  |
| 1/4 |  | 1/4   | 261.49 | 1/4   | 134.73 | 1/4   | 23.86 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 258.98 | 1/2   | 132.10 | 1/2   | 22.19 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 256.47 | 3/4   | 129.47 | 3/4   | 20.53 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 6   |  | 6     | 253.95 | 6     | 126.84 | 6     | 18.87 | 6     |  | 6     |  | 6     |  | 6     |  | 6     |  | 6     |  | 6     |  | 6      |  | 6      |  | 6      |  | 6      |  | 6      |  |
| 1/4 |  | 1/4   | 251.44 | 1/4   | 124.22 | 1/4   | 17.20 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 248.88 | 1/2   | 121.62 | 1/2   | 15.72 | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 246.32 | 3/4   | 119.02 | 3/4   | 14.23 | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 7   |  | 7     | 243.77 | 7     | 116.43 | 7     | 12.75 | 7     |  | 7     |  | 7     |  | 7     |  | 7     |  | 7     |  | 7     |  | 7      |  | 7      |  | 7      |  | 7      |  | 7      |  |
| 1/4 |  | 1/4   | 241.21 | 1/4   | 113.83 | 1/4   | 11.26 | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 238.61 | 1/2   | 111.27 | 1/2   | 9.99  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 236.02 | 3/4   | 108.72 | 3/4   | 8.72  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 8   |  | 8     | 233.42 | 8     | 106.16 | 8     | 7.45  | 8     |  | 8     |  | 8     |  | 8     |  | 8     |  | 8     |  | 8     |  | 8      |  | 8      |  | 8      |  | 8      |  | 8      |  |
| 1/4 |  | 1/4   | 230.82 | 1/4   | 103.60 | 1/4   | 6.18  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 228.20 | 1/2   | 101.09 | 1/2   | 5.18  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 225.57 | 3/4   | 98.57  | 3/4   | 4.19  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 9   |  | 9     | 222.94 | 9     | 96.06  | 9     | 3.19  | 9     |  | 9     |  | 9     |  | 9     |  | 9     |  | 9     |  | 9     |  | 9      |  | 9      |  | 9      |  | 9      |  | 9      |  |
| 1/4 |  | 1/4   | 220.31 | 1/4   | 93.55  | 1/4   | 2.20  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 217.66 | 1/2   | 91.09  | 1/2   | 1.65  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 215.01 | 3/4   | 88.63  | 3/4   | 1.10  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 10  |  | 10    | 212.35 | 10    | 86.17  | 10    | 0.55  | 10    |  | 10    |  | 10    |  | 10    |  | 10    |  | 10    |  | 10    |  | 10     |  | 10     |  | 10     |  | 10     |  | 10     |  |
| 1/4 |  | 1/4   | 209.70 | 1/4   | 83.71  | 1/4   | 0.00  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 207.03 | 1/2   | 81.31  | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 204.36 | 3/4   | 78.91  | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 11  |  | 11    | 201.69 | 11    | 76.51  | 11    |       | 11    |  | 11    |  | 11    |  | 11    |  | 11    |  | 11    |  | 11    |  | 11     |  | 11     |  | 11     |  | 11     |  | 11     |  |
| 1/4 |  | 1/4   | 199.02 | 1/4   | 74.11  | 1/4   |       | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2 |  | 1/2   | 196.33 | 1/2   | 71.78  | 1/2   |       | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4 |  | 3/4   | 193.65 | 3/4   | 69.45  | 3/4   |       | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

REFERENCE GAUGE HEIGHT : 3-10 1/4" (TO RIM OF 10" DIAMETER HATCH)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION





BARGE "MPC-1003"

MARATHON PETROLEUM

INNAGE TABLE

FUEL TANK

| BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN |       |     |        |     |        |     |        |       |  |     |       |     |       |     |       |     |       |     |       |     |        |     |        |     |        |     |        |     |        |
|----------------------------------------------------------|-------|-----|--------|-----|--------|-----|--------|-------|--|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| N                                                        | 0 FT. | N   | 1 FT.  | N   | 2 FT.  | N   | 3 FT.  | 4 FT. |  | N   | 5 FT. | N   | 6 FT. | N   | 7 FT. | N   | 8 FT. | N   | 9 FT. | N   | 10 FT. | N   | 11 FT. | N   | 12 FT. | N   | 13 FT. | N   | 14 FT. |
| 0                                                        | 0.00  | 0   | 83.71  | 0   | 209.70 | 0   | 323.92 | 0     |  | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4                                                      | 0.55  | 1/4 | 86.17  | 1/4 | 212.35 | 1/4 | 325.74 | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 1.10  | 1/2 | 88.63  | 1/2 | 215.01 | 1/2 | 327.55 | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 1.55  | 3/4 | 91.09  | 3/4 | 217.66 | 3/4 | 329.37 | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1                                                        | 2.20  | 1   | 93.55  | 1   | 220.31 | 1   | 331.18 | 1     |  | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4                                                      | 3.19  | 1/4 | 96.06  | 1/4 | 222.94 | 1/4 | 332.85 | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 4.19  | 1/2 | 98.57  | 1/2 | 225.57 | 1/2 | 334.51 | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 5.18  | 3/4 | 101.09 | 3/4 | 228.20 | 3/4 | 336.17 | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2                                                        | 6.18  | 2   | 103.60 | 2   | 230.82 | 2   | 337.84 | 2     |  | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4                                                      | 7.45  | 1/4 | 106.16 | 1/4 | 233.42 | 1/4 | 339.32 | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 8.72  | 1/2 | 108.72 | 1/2 | 236.02 | 1/2 | 340.81 | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 9.99  | 3/4 | 111.27 | 3/4 | 238.61 | 3/4 | 342.29 | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3                                                        | 11.26 | 3   | 113.83 | 3   | 241.21 | 3   | 343.78 | 3     |  | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4                                                      | 12.75 | 1/4 | 116.43 | 1/4 | 243.77 | 1/4 | 345.05 | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 14.23 | 1/2 | 119.02 | 1/2 | 246.32 | 1/2 | 346.32 | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 15.72 | 3/4 | 121.62 | 3/4 | 248.88 | 3/4 | 347.59 | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4                                                        | 17.20 | 4   | 124.22 | 4   | 251.44 | 4   | 348.86 | 4     |  | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4                                                      | 18.87 | 1/4 | 126.84 | 1/4 | 253.95 | 1/4 | 349.86 | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 20.53 | 1/2 | 129.47 | 1/2 | 256.47 | 1/2 | 350.85 | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 22.19 | 3/4 | 132.10 | 3/4 | 258.98 | 3/4 | 351.85 | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5                                                        | 23.86 | 5   | 134.73 | 5   | 261.49 | 5   | 352.84 | 5     |  | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4                                                      | 25.67 | 1/4 | 137.38 | 1/4 | 263.95 | 1/4 | 353.39 | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 27.49 | 1/2 | 140.03 | 1/2 | 266.41 | 1/2 | 353.94 | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 29.30 | 3/4 | 142.69 | 3/4 | 268.87 | 3/4 | 354.49 | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6                                                        | 31.12 | 6   | 145.34 | 6   | 271.33 | 6   | 355.04 | 6     |  | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4                                                      | 33.06 | 1/4 | 148.01 | 1/4 | 273.73 | 1/4 |        | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 35.01 | 1/2 | 150.68 | 1/2 | 276.13 | 1/2 |        | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 36.95 | 3/4 | 153.35 | 3/4 | 278.53 | 3/4 |        | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7                                                        | 38.90 | 7   | 156.02 | 7   | 280.93 | 7   |        | 7     |  | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4                                                      | 40.96 | 1/4 | 158.71 | 1/4 | 283.26 | 1/4 |        | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 43.02 | 1/2 | 161.39 | 1/2 | 285.59 | 1/2 |        | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 45.08 | 3/4 | 164.08 | 3/4 | 287.92 | 3/4 |        | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8                                                        | 47.14 | 8   | 166.76 | 8   | 290.25 | 8   |        | 8     |  | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4                                                      | 49.30 | 1/4 | 169.45 | 1/4 | 292.50 | 1/4 |        | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 51.46 | 1/2 | 172.14 | 1/2 | 294.75 | 1/2 |        | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 53.63 | 3/4 | 174.83 | 3/4 | 297.00 | 3/4 |        | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9                                                        | 55.79 | 9   | 177.52 | 9   | 299.25 | 9   |        | 9     |  | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4                                                      | 58.04 | 1/4 | 180.21 | 1/4 | 301.41 | 1/4 |        | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 60.29 | 1/2 | 182.90 | 1/2 | 303.58 | 1/2 |        | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 62.54 | 3/4 | 185.59 | 3/4 | 305.74 | 3/4 |        | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10                                                       | 64.79 | 10  | 188.28 | 10  | 307.90 | 10  |        | 10    |  | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4                                                      | 67.12 | 1/4 | 190.96 | 1/4 | 309.96 | 1/4 |        | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 69.45 | 1/2 | 193.65 | 1/2 | 312.02 | 1/2 |        | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 71.78 | 3/4 | 196.33 | 3/4 | 314.08 | 3/4 |        | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11                                                       | 74.11 | 11  | 199.02 | 11  | 316.14 | 11  |        | 11    |  | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4                                                      | 76.51 | 1/4 | 201.69 | 1/4 | 318.09 | 1/4 |        | 1/4   |  | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2                                                      | 78.91 | 1/2 | 204.36 | 1/2 | 320.03 | 1/2 |        | 1/2   |  | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4                                                      | 81.31 | 3/4 | 207.03 | 3/4 | 321.98 | 3/4 |        | 3/4   |  | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 12/4/12

REFERENCE GAUGE HEIGHT : 3-10 1/4" (TO RIM OF 10" DIAMETER HATCH)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.



INSPECTORATE AMERICA CORPORATION





ISO 9002 ACCREDITED

BARGE "MPC-1003"  
MARATHON PETROLEUM

OUTAGE TABLE

SLOP TANK

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

|                                              |  | 0 FT. |  | 1 FT. |  | 2 FT.    |  | 3 FT. |  | 4 FT.  |  | 5 FT. |  | 6 FT. |  | 7 FT.  |  | 8 FT. |  | 9 FT. |  | 10 FT. |  | 11 FT. |  | 12 FT. |  | 13 FT. |  | 14 FT. |  |
|----------------------------------------------|--|-------|--|-------|--|----------|--|-------|--|--------|--|-------|--|-------|--|--------|--|-------|--|-------|--|--------|--|--------|--|--------|--|--------|--|--------|--|
| N                                            |  | N     |  | N     |  | N        |  | N     |  | N      |  | N     |  | N     |  | N      |  | N     |  | N     |  | N      |  | N      |  | N      |  | N      |  | N      |  |
| 0                                            |  | 0     |  |       |  | 0        |  | 0     |  | 0      |  | 0     |  | 0     |  | 0      |  | 0     |  | 0     |  | 0      |  | 0      |  | 0      |  | 0      |  | 0      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 1                                            |  | 1     |  |       |  | 1        |  | 1     |  | 1      |  | 1     |  | 1     |  | 1      |  | 1     |  | 1     |  | 1      |  | 1      |  | 1      |  | 1      |  | 1      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 2                                            |  | 2     |  |       |  | 2        |  | 2     |  | 2      |  | 2     |  | 2     |  | 2      |  | 2     |  | 2     |  | 2      |  | 2      |  | 2      |  | 2      |  | 2      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 3                                            |  | 3     |  |       |  | 3        |  | 3     |  | 3      |  | 3     |  | 3     |  | 3      |  | 3     |  | 3     |  | 3      |  | 3      |  | 3      |  | 3      |  | 3      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 4                                            |  | 4     |  |       |  | 4        |  | 4     |  | 4      |  | 4     |  | 4     |  | 4      |  | 4     |  | 4     |  | 4      |  | 4      |  | 4      |  | 4      |  | 4      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 5                                            |  | 5     |  |       |  | 5        |  | 5     |  | 5      |  | 5     |  | 5     |  | 5      |  | 5     |  | 5     |  | 5      |  | 5      |  | 5      |  | 5      |  | 5      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 6                                            |  | 6     |  |       |  | 6        |  | 6     |  | 6      |  | 6     |  | 6     |  | 6      |  | 6     |  | 6     |  | 6      |  | 6      |  | 6      |  | 6      |  | 6      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 7                                            |  | 7     |  |       |  | 7        |  | 7     |  | 7      |  | 7     |  | 7     |  | 7      |  | 7     |  | 7     |  | 7      |  | 7      |  | 7      |  | 7      |  | 7      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 8                                            |  | 8     |  |       |  | 8        |  | 8     |  | 8      |  | 8     |  | 8     |  | 8      |  | 8     |  | 8     |  | 8      |  | 8      |  | 8      |  | 8      |  | 8      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 9                                            |  | 9     |  |       |  | 9        |  | 9     |  | 9      |  | 9     |  | 9     |  | 9      |  | 9     |  | 9     |  | 9      |  | 9      |  | 9      |  | 9      |  | 9      |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 10                                           |  | 10    |  |       |  | 10       |  | 10    |  | 10     |  | 10    |  | 10    |  | 10     |  | 10    |  | 10    |  | 10     |  | 10     |  | 10     |  | 10     |  | 10     |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 11                                           |  | 11    |  |       |  | 11       |  | 11    |  | 11     |  | 11    |  | 11    |  | 11     |  | 11    |  | 11    |  | 11     |  | 11     |  | 11     |  | 11     |  | 11     |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 12                                           |  | 12    |  |       |  | 12       |  | 12    |  | 12     |  | 12    |  | 12    |  | 12     |  | 12    |  | 12    |  | 12     |  | 12     |  | 12     |  | 12     |  | 12     |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 13                                           |  | 13    |  |       |  | 13       |  | 13    |  | 13     |  | 13    |  | 13    |  | 13     |  | 13    |  | 13    |  | 13     |  | 13     |  | 13     |  | 13     |  | 13     |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 14                                           |  | 14    |  |       |  | 14       |  | 14    |  | 14     |  | 14    |  | 14    |  | 14     |  | 14    |  | 14    |  | 14     |  | 14     |  | 14     |  | 14     |  | 14     |  |
| 1/4                                          |  | 1/4   |  |       |  | 1/4      |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4   |  | 1/4   |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2                                          |  | 1/2   |  |       |  | 1/2      |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2   |  | 1/2   |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4                                          |  | 3/4   |  |       |  | 3/4      |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS |  | 3/4   |  |       |  | 1,002.56 |  | 3/4   |  | 653.84 |  | 3/4   |  | 3/4   |  | 305.13 |  | 3/4   |  | 3/4   |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |

REFERENCE GAUGE HEIGHT : 4'-10 1/4" (TO RIM OF 2" DIAMETER BALL VALVE)

STRAPPED: 12/4/12





**ISO 9002 ACCREDITED**

**BARGE "MPC-1003"**  
**MARATHON PETROLEUM**  
**INNAGE TABLE**

## SLOP TANK

**BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN**

[illegible]

REFERENCE GAUGE HEIGHT : 4'-10 1/4" (TO RIM OF 2" DIAMETER BALL VALVE

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE

INSPECTORATE AMERICA CORPORATION