APPENDIX F - M$_{OFFSET}$ CALCULATIONS AND CRC CODE SAMPLE

Note that the computation of the CRC for the M$_{Offset}$ uses an initial value of 0000 (hexadecimal), which does not affect the computation shown below.

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1 0 0 1 1 0 0 1 0 0 1 1 0 1 0 0 0 0 0 0 0 1 1 1 0 0 1 1 0 0 0 0 1 0 0 0 1 1 1 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
1 1 0 0 0 0 0 0 0 0 0 0 0 1 0 1 ◄──────── CRC-polynomial: x¹⁶+x¹⁵+x²+1            ↖ 15 Hex ID: 9934039823D8000
0 1 0 1 1 0 0 1 0 0 1 1 0 1 1 0 1 0
 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
  0 1 1 1 0 0 1 0 0 1 1 0 1 1 1 1 1 0
   1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
    0 0 1 0 0 1 0 0 1 1 0 1 1 1 0 1 1 0 0
      1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
      0 1 0 1 0 0 1 1 0 1 1 1 0 1 0 0 1 0
       1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
        0 1 1 0 0 1 1 0 1 1 1 0 1 0 1 1 1 1
         1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
          0 0 0 0 1 1 0 1 1 1 0 1 0 1 0 1 0 1 1 0 0
              1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
              0 0 0 1 1 1 0 1 0 1 0 1 0 1 0 0 1 1 1 0
                1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                0 0 1 0 1 0 1 0 1 0 1 0 0 1 0 1 1 0 0
                  1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                  0 1 1 0 1 0 1 0 1 0 0 1 0 1 0 0 1 0
                   1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                    0 0 0 1 0 1 0 1 0 0 1 0 1 0 1 1 1 0 1 0
                       1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                       0 1 1 0 1 0 0 1 0 1 0 1 1 1 1 1 1 0
                        1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                         0 0 0 1 0 0 1 0 1 0 1 1 1 1 0 1 1 0 1 1
                            1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                            0 1 0 1 0 1 0 1 1 1 1 0 1 1 1 1 0 1
                             1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                              0 1 1 0 1 0 1 1 1 1 0 1 1 1 0 0 0 1
                               1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                0 0 0 1 0 1 1 1 1 0 1 1 1 0 1 0 0 0 1 1
                                   1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                   0 1 1 1 1 1 0 1 1 1 0 1 0 0 1 1 0 0
                                    1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                     0 0 1 1 1 0 1 1 1 0 1 0 0 1 0 0 1 0 0
                                        1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                        0 0 1 0 1 1 1 0 1 0 0 1 0 0 0 0 1 0 0
                                           1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                           0 1 1 1 1 0 1 0 0 1 0 0 0 0 0 0 1 0
                                            1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                             0 0 1 1 0 1 0 0 1 0 0 0 0 0 1 1 1 0 0
                                                1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                0 0 0 1 0 0 1 0 0 0 0 0 1 1 0 0 1 0 0 0
                                                    1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                    0 1 0 1 0 0 0 0 1 1 0 0 1 1 0 1 0
                                                     1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                      0 1 1 0 0 0 0 0 1 1 0 0 1 1 1 1 1 0
                                                       1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                        0 0 0 0 0 0 0 1 1 0 0 1 1 1 0 1 1 0 0 0 0 0 0
                                                            1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                            0 0 0 0 1 1 1 0 1 1 0 0 0 0 1 0 1 0 0 0 0
                                                              1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                              0 0 1 0 1 1 0 0 0 1 0 1 0 1 0 1 0 0
                                                                1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                                0 1 1 1 0 0 0 0 1 0 1 0 1 0 0 0 1 0
                                                                 1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                                  0 0 1 0 0 0 0 0 1 0 1 0 1 0 0 1 1 1 0 0
                                                                     1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                                     0 1 0 0 0 1 0 1 0 1 0 0 1 1 0 0 1 0
                                                                      1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                                       0 1 0 0 1 0 1 0 1 0 0 1 1 0 1 1 1 0
                                                                        1 1 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1
                                                                        0 1 0 1 0 1 0 1 0 0 1 1 0 1 0 1 1
```

CRC-16(9934039823D8000) = 0xAA6B
and Moffset=BIN2DEC(CRC-16(9934039823D8000)) mod 60 = 7

Figure F-1: Example of calculation of M$_{offset}$