## EXHIBIT 3-1

Duty Cycle Calculations for 5800RP transmitted messages (Manchester Encoded) Message type, Transmission Time, and Duty Cycle (per 100 ms):

For incoming transmissions from the following devices;

FCC ID: CFS8DL5801, FCC ID: CFS8DL5802, FCC ID: CFS8DL5802CP, FCC ID: CFS8DL5802MN, FCC ID: CFS8DL5802MN2, FCC ID: CFS8DL5803, FCC ID: CFS8DL5804, FCC ID: CFS8DL5804BD, FCC ID: CFS8DL5806, FCC ID: CFS8DL5806, FCC ID: CFS8DL5806, FCC ID: CFS8DL5806, FCC ID: CFS8DL5808LP, FCC ID: CFS8DL5809, FCC ID: CFS8DL5810, FCC ID: CFS8DL5814, FCC ID: CFS8DL5816, FCC ID: CFS8DL5816BL, FCC ID: CFS8DL5816MN2, FCC ID: CFS8DL5817, FCC ID: CFS8DL5816BL, FCC ID: CFS8DL5816MN2, FCC ID: CFS8DL5817, FCC ID: CFS8DL5817CB, FCC ID: CFS8DL5818, FCC ID: CFS8DL5819, FCC ID: CFS8DL5827, FCC ID: CFS8DL5827BD, FCC ID: CFS8DL58450W, FCC ID: CFS8DL5849, FCC ID: CFS8DL5800, FCC ID: CFS8DL5800,

Message consists of : 6 ID/control bytes + 2 repeater bytes + 16 bit preamble = 80 bits 80 bits \* 272 uS = 21.76 mS (21.76 mS/100 mS) \* 50% = 10.88%

For incoming transmissions from the following devices;

FCC ID: CFS8DL5800TM, FCC ID: CFS8DL6128RF, FCC ID: CFS8DL6128RFUL, FCC ID: CFS8DLFA260RF, FCC ID: CFS8DL6150RF, FCC ID: CFS8DL12NX, FCC ID: CFS8DL5804BD. Message consists of: 7 ID/control bytes + 2 repeater bytes + 16 bit preamble = 88 bits 88 bits \* 272 uS = 23.94 mS (23.94 mS/100 mS) \* 50% = 11.97%

For incoming transmissions from the following device; FCC ID: CFS8DL5804E. Message consists of: 23 preamble bits \* 90uS \* 50% = 1.04 mS, plus, (66 ID/control bits + 2 repeater bytes = 82 bits \* 66.67%) = 14.76ms = (15.8mS/100mS) = 15.8%

For incoming transmissions from the following device; FCC ID: CFS8DL5839. Message consists of: 12 ID/control bytes + 2 repeater bytes + 16 bit preamble = 128 bits 128 bits \* 272 uS = 34.82 mS (34.82 mS/100 mS) \* 50% = 17.41%

For incoming transmissions from the following devices; FCC ID: CFS8DLLYNXR, FCC ID: CFS8DL5883 Message consists of: 13 ID/control bytes + 2 repeater bytes + 16 bit preamble = 136 bits 136 bits \* 272 uS = 36.99 mS (36.99 mS/100 mS) \* 50% = 18.5%

For incoming transmissions from the following devices; FCC ID: CFS8DL5883. Message consists of: 53 data bytes + 2 repeater bytes + 16 bit preamble = 456 bits 456 bits \* 100 uS = 45.6 mS (45.6 mS/100 mS) \* 50% = 22.8%

The worst case transmissions, reported in Exhibit 5 are at duty cycle of 18.5% for transmission of control information per 15.231a) and at a duty cycle of 22.8% for transmission of data per 15.231e).