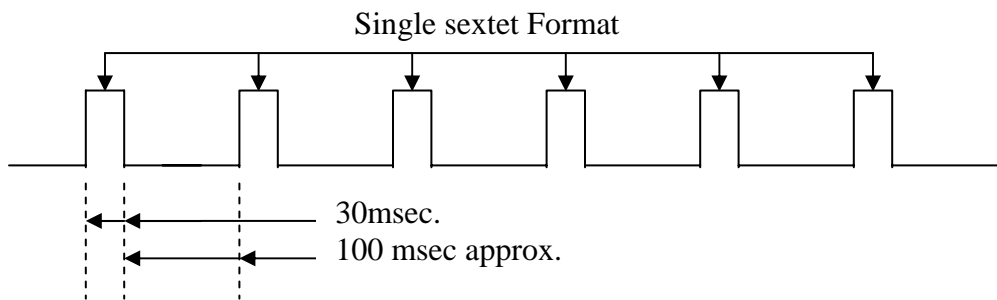
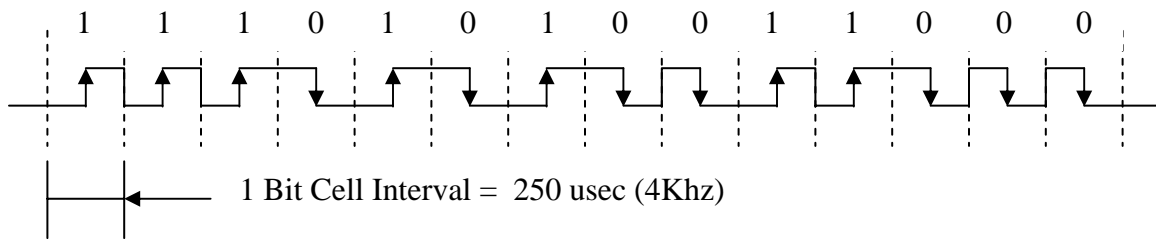


## CFS8DL6150RFT Transmission Format

Serialized data is Manchester Phase Encoded as shown below. Bit stream is sent out on a most significant bit first fashion. Message redundancy and RF Spatial diversity are implemented by transmitting six identical messages (sextet) on alternating antennae (three messages are transmitted on each antenna).



**Message Format** – It contains a total of 15 bytes, two bytes of preamble and 13 bytes of data.

$$16 \text{ bits} + 13 \text{ bytes sent at } 4\text{K bits/sec (2msec/byte)} = 30\text{msec}$$

| Preamble | House Code | L0 | L1 | L2 | L3 | CRC1 | Cancel,Night/Msg. Type | V0 | V1 | V2 | CRC2  |
|----------|------------|----|----|----|----|------|------------------------|----|----|----|-------|
| 16 bits  | 0          | 1  | 2  | 3  | 4  | 5-6  | 7                      | 8  | 9  | 10 | 11-12 |

← Transmission Direction

**All bytes are transmitted Most significant bit first**

Preamble is FFFE (hex) and is used for data synchronization purposes.