

Figure 142-3—ONU burst structure, normal grant, 3 zones

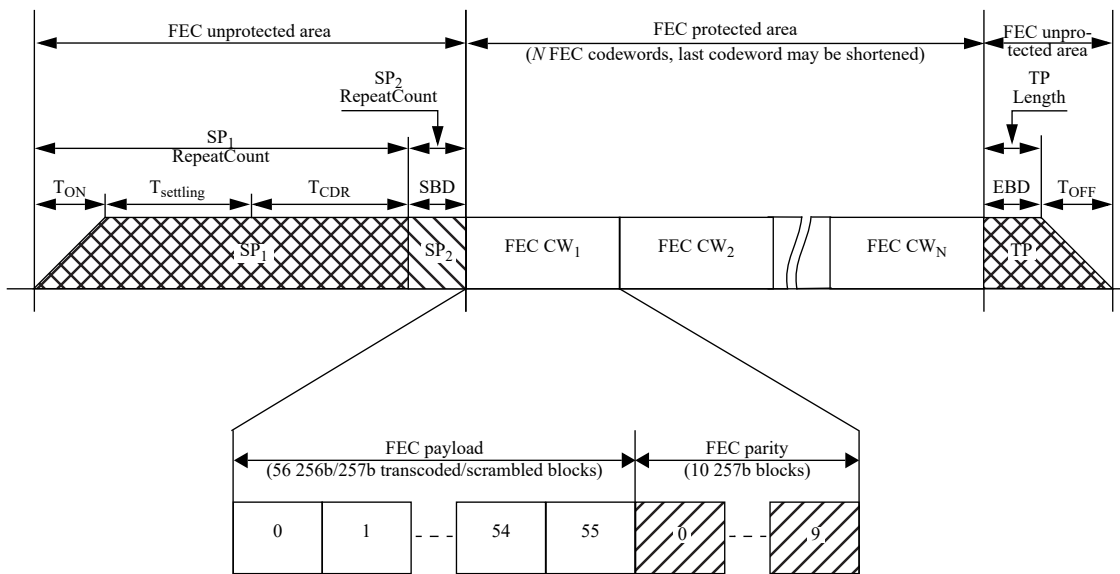


Figure 142-4—ONU burst structure, normal grant, 2 zones

142.2.2.3 64B/66B to 256B/257B transcoder

The 64B/66B to 256B/257B transcoder converts four consecutive 64B/66B blocks the into one 256B/257B block as described in 91.5.2.5 and passes the resulting 257-bit-wide block to the Scrambler functional block. In the OLT the 64B/66B blocks are received from Transmitter/Encoder functional block whereas in the ONU the 64B/66B blocks are received from the Data Detector.

142.2.2.4 Scrambler

See 49.2.6.

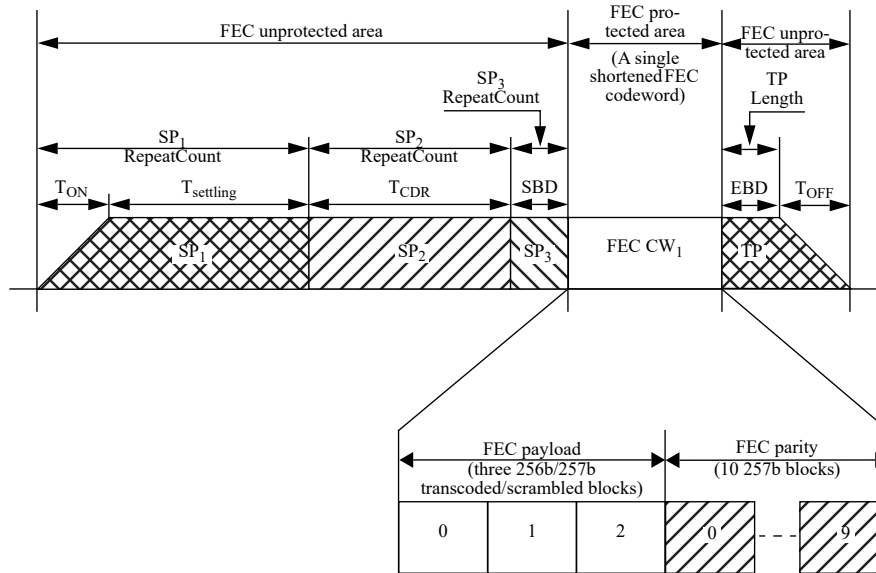


Figure 142-5—ONU burst structure, discovery grant, 3 zones

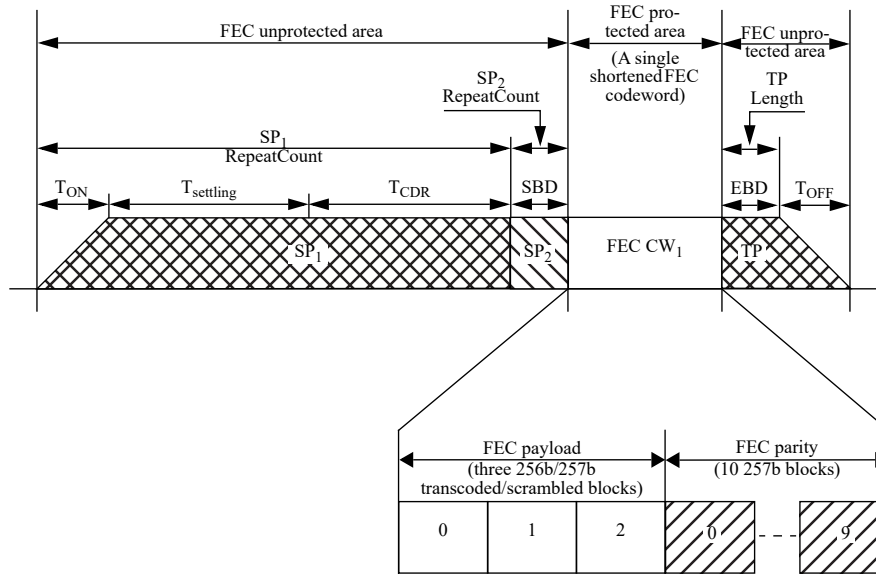


Figure 142-6—ONU burst structure, discovery grant, 2 zones

142.2.2.5 FEC encoding

The {NG-EPON type} PCS shall encode the transmitted data stream using {TBD} FEC. Annex {TBD} gives an example of {TBD} FEC Encoding.

142.2.2.5.1 Low Density Parity Check Coding

The bit sequence input for a given code block to channel coding is denoted by u_1, u_2, \dots, u_K , where K is the number of bits to be encoded. The parity check bit sequence produced by FEC Encoder is denoted by $p_1, p_2,$

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