18.4.6.6 DSSS/PBCC data modulation and modulation rate (optional)

This optional coding scheme uses a binary convolutional coding with a 64-state binary convolutional code (BCC) and a cover sequence. The output of the BCC is encoded jointly onto the I and Q channels, as described in this subclause.

The encoder for this scheme is shown in Figure 18-12. Incoming data are first encoded with a binary convolutional code. A cover code is applied to the encoded data prior to transmission through the channel.
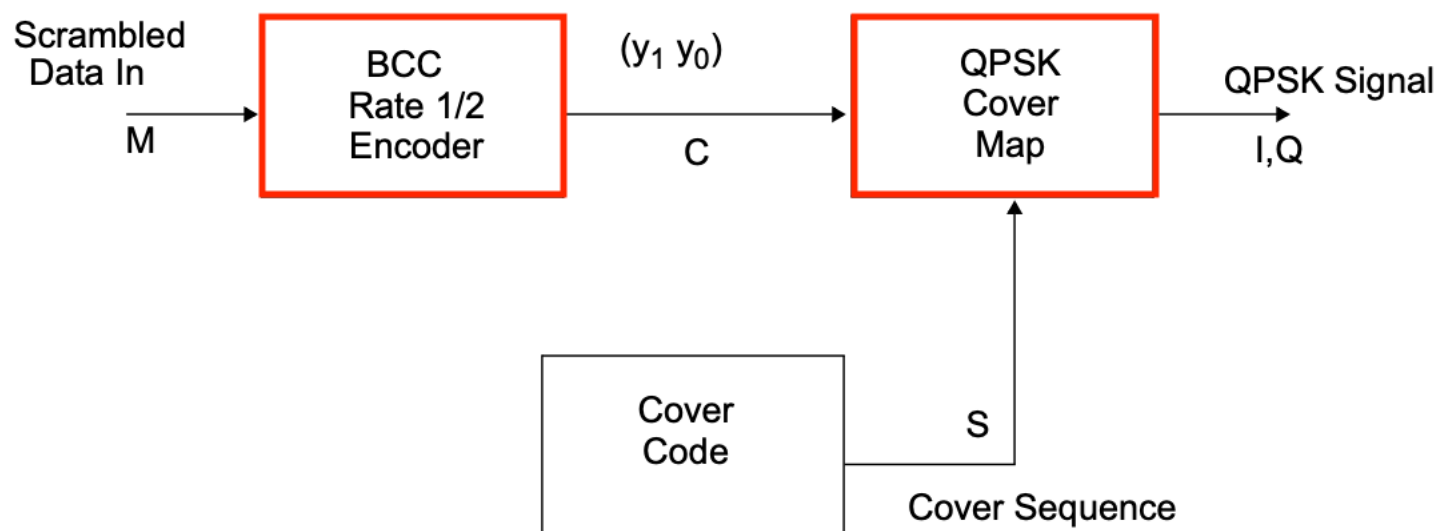

Figure 18-12—PBCC modulator scheme