CLAIMS

1. A method for wireless communications, comprising:

obtaining a payload to be transmitted;

partitioning the payload into a plurality of blocks;

partitioning each block of the plurality of blocks into a plurality of sections, wherein the plurality of sections of each block comprises a first section, a second section, and a third section, and wherein the first section of each block has a lower error rate than the second section of each block and the second section of each block has a lower error rate than the third section of each block;

deriving redundancy check information for each section of the plurality of sections;

generating a plurality of codewords, each comprising a block of the plurality of blocks and the redundancy check information for each section of the block, wherein a location of each of the sections in the plurality of codewords is determined based on the error rate corresponding to each of the sections, wherein the codewords are encoded using polar coding;

transmitting the plurality of codewords to a wireless node; and

receiving an indication from the wireless node as to whether the plurality of sections of each block were properly decoded, wherein the indication comprises a fewer number of bits than the number of sections of each block.

2. The method of claim 1, wherein the indication comprises a first bit used to indicate whether the second section of each block was properly decoded and a second bit used to indicate whether the third section of each block was properly decoded.

3. The method of claim 1, wherein the redundancy check information comprises a cyclic redundancy check (CRC).

4. An apparatus for wireless communications, comprising:

means for obtaining a payload to be transmitted;

means for partitioning the payload into a plurality of blocks;

means for partitioning each block of the plurality of blocks into a plurality of sections, wherein the plurality of sections of each block comprises a first section, a second section, and a third section, and wherein the first section of each block has a lower error rate than the second section of each block and the second section of each block has a lower error rate than the third section of each block;

means for deriving redundancy check information for each section of the plurality of sections;

means for generating a plurality of codewords, each comprising a block of the plurality of blocks and the redundancy check information for each section of the block, wherein a location of each of the sections in the plurality of codewords is determined based on the error rate corresponding to each of the sections, wherein the codewords are encoded using polar coding;

means for transmitting the plurality of codewords to a wireless node; and

means for receiving an indication from the wireless node as to whether the plurality of sections of each block were properly decoded, wherein the indication comprises a fewer number of bits than the number of sections of each block.

5. The apparatus of claim 4, wherein the indication comprises a first bit used to indicate whether the second section of each block was properly decoded and a second bit used to indicate whether the third section of each block was properly decoded.

6. The apparatus of claim 4, wherein the redundancy check information comprises a cyclic redundancy check (CRC).