

This is a proposed outline for the Port functions chapter of 1394B.

6. Beta mode port functions

6.1 Scope

6.2 Overview

6.3 Naming Conventions

✓ *Exists in current draft*

6.4 Transmit functions

6.4.1 Control state to control symbol mapping

✓ *Exists in current draft*

6.4.2 Scrambling

✓ *Exists in current draft*

6.4.2.1 Data scrambling

✓ *Exists in current draft*

6.4.2.2 Control symbol scrambling

✓ *Exists in current draft*

6.4.3 Coding

✓ *Exists in current draft*

6.4.3.1 8B/10B character coding for data

✓ *Exists in current draft*

6.4.3.2 Control coding

✓ *Exists in current draft*

6.4.4 Serialisation

6.5 Receive Functions

6.5.1 Deserialisation

6.5.2 Decoding

✓ *Exists in current draft*

6.5.2.1 8B/10B character decoding for data

✓ *Exists in current draft*

6.5.2.2 Control decoding

✓ *Exists in current draft*

6.5.3 Descrambling

✓ *Exists in current draft*

6.5.3.1 Data descrambling

✓ *Exists in current draft*

6.5.3.2 Control symbol descrambling

✓ *Exists in current draft*

6.5.4 Control symbol to control state mapping

6.6 Timing constants

6.7 State Machines

6.7.1 Transmit

6.7.2 Receive

6.8 C-code

6.8.1 Transmit actions

6.8.2 Receive actions