BEGIN

INIT
MatchCount ⇐ 0

UCT

COMPARE

else

SLIP_1
Slip(rx_buffer, 1)

UCT

rx_buffer = FEC_CW_DELIM

VERIFY
MatchCount ++

else

ALIGNED
FecFailCount ⇐ 0

FecDecodeFailure

MatchCount < MATCH_TARGET

SLIP_FEC_CW
Slip(rx_buffer, FEC_CW_SIZE)

UCT

FEC_FAILURE
FecFailCount ++

FecDecodeSuccess   FecDecodeFailure

FecFailCount ≥ FEC_FAIL_LIMIT

FecDecodeFailure
  TYPE: Boolean
  This clear-on-read variable is set to true if FEC decoder is unable to correct all errors in the most recently received FEC codeword.

FecDecodeSuccess
  TYPE: Boolean
  This clear-on-read variable is set to true if there were no errors in the most recently received FEC codeword or if all the errors were corrected by the FEC decoder.