OAM Rx State Machine Corner Case

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Variable "rs_correct"

- Function "rs_correct"
  - This function outputs the 14 corrected data symbols as defined in 149.3.9.2.13 and sets/clears the rs_check variable when at least one of the 16 symbols of the OAM frame is embedded in a LPI refresh.
  - Otherwise, this function returns the 14 data symbols unmodified and sets rs_check to GOOD if none of the 16 RS(360, 326) frames are uncorrectable.
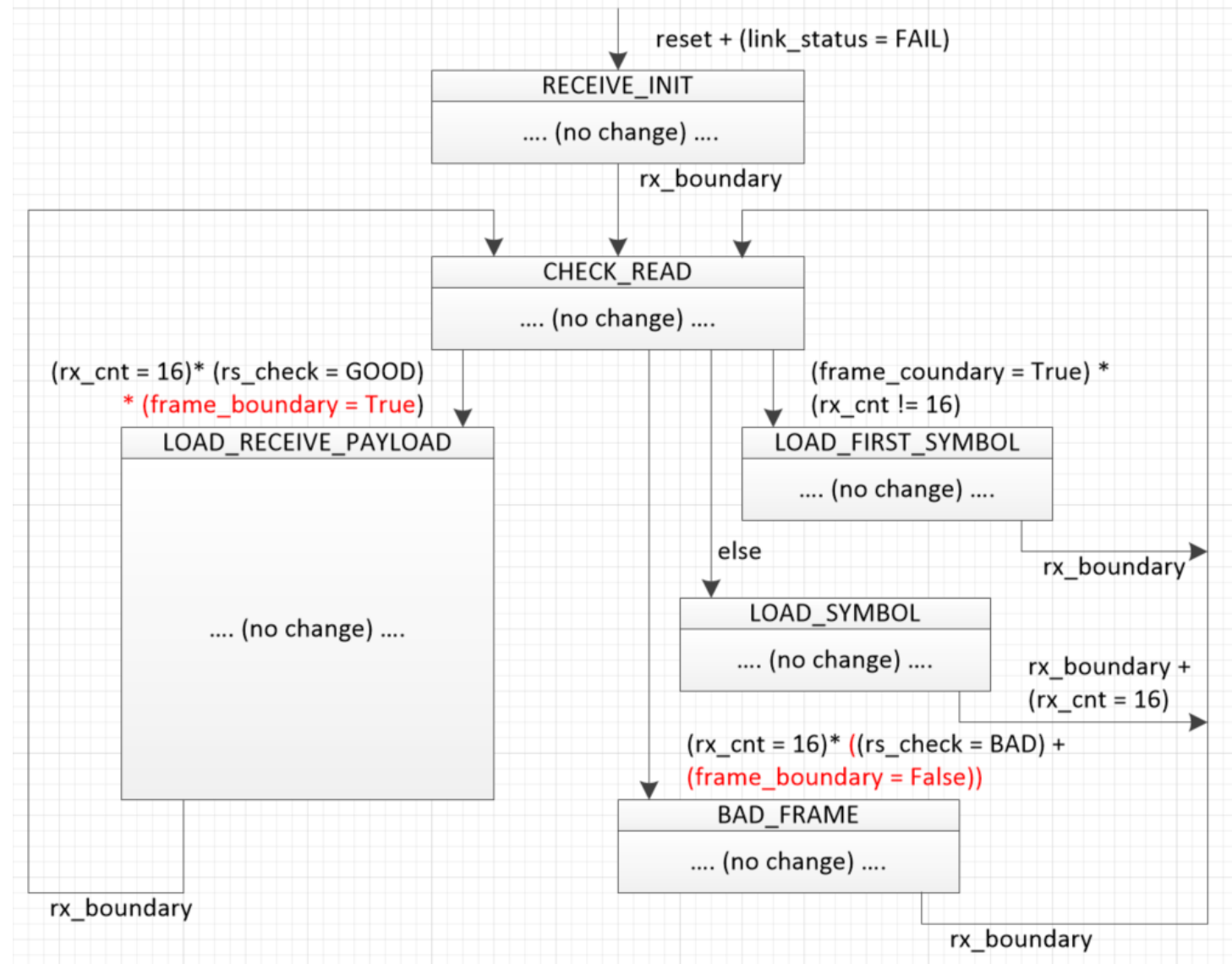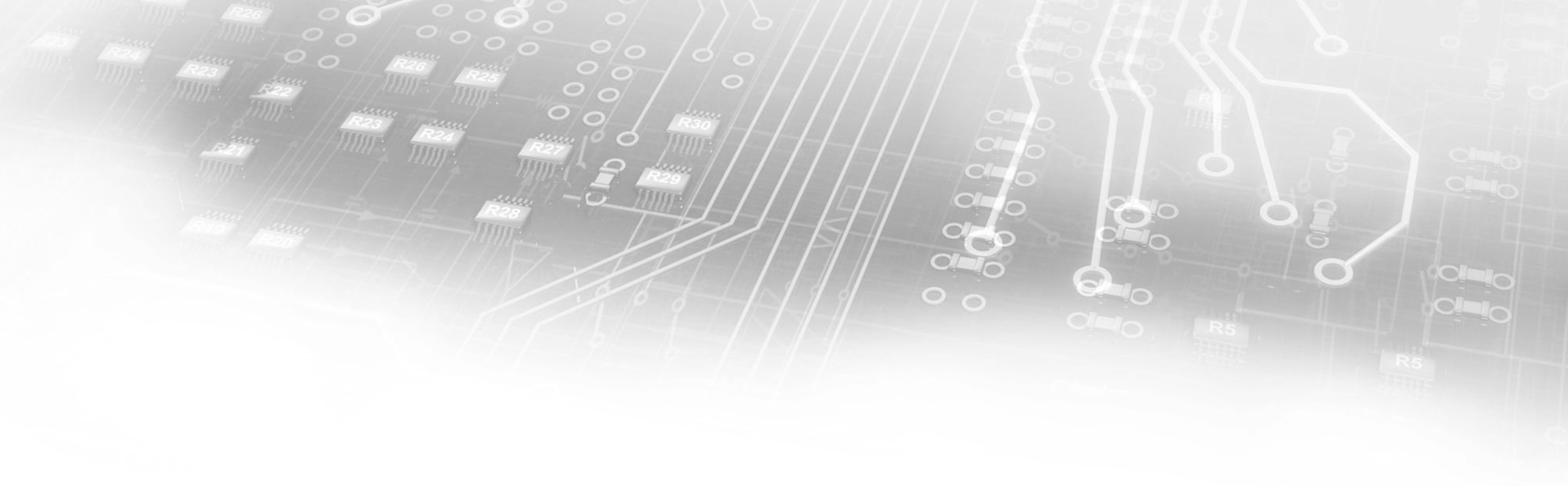
Issue with Figure 149-24 in D2.0

- Assume OAM frame_boundary is not found yet, and rx_cnt is currently out of sync.

- Assume the PHY enters LPI, and rs_check=GOOD (RS parity checked) for the first several OAM symbols when rx_cnt reaches 16.

- In this case, the OAM Rx state machine enters the "LOAD_RECEIVE_PAYLOAD" state by mistake.
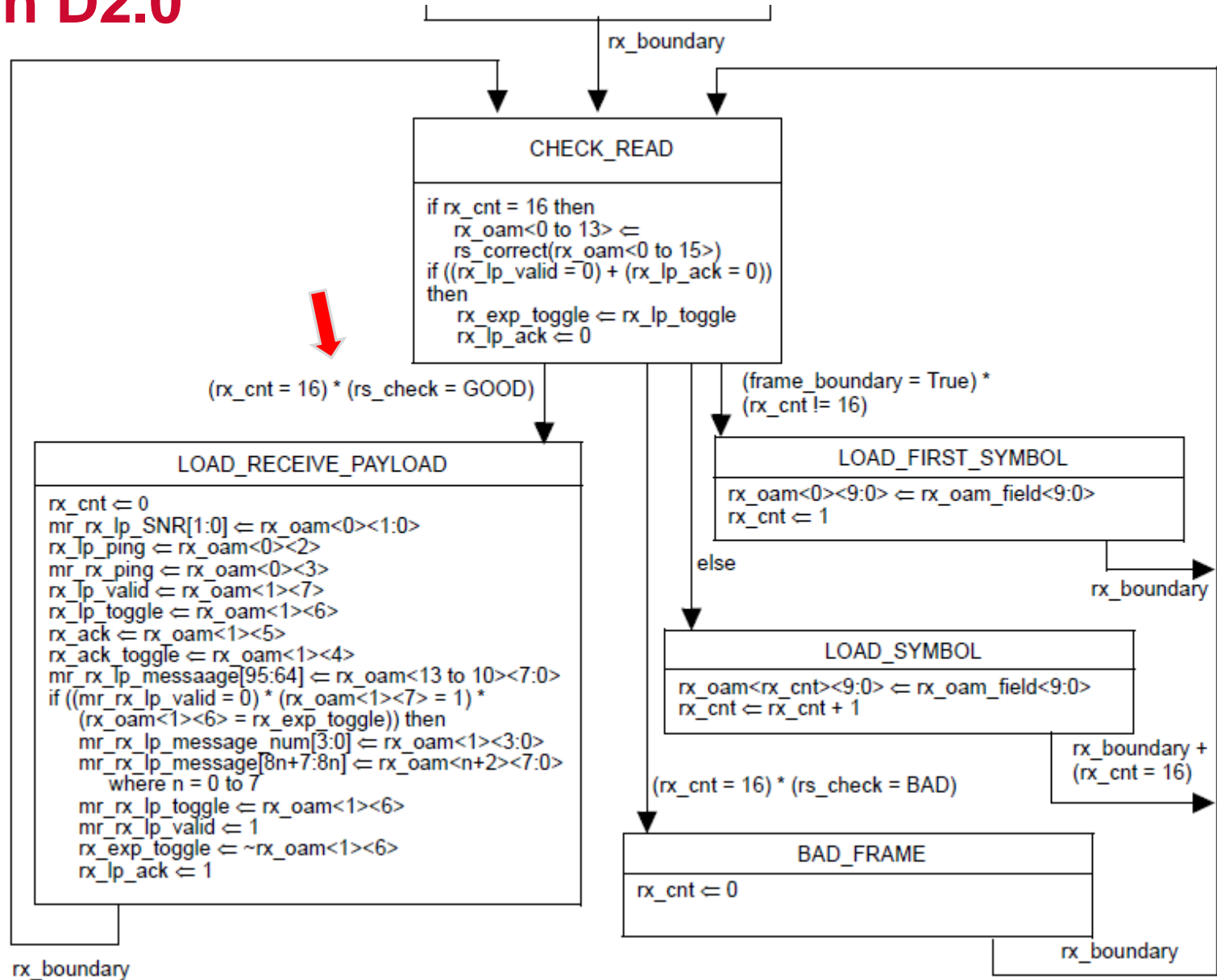
Modified Figure 149-24:

- In 149.3.9.4.6, page 136, line 26, Figure 149-24, make the changes as highlighted in RED

THANK YOU