

Changes to Existing Clauses

Status Update

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CTEC --- Status Update

- **Editing effort about 75% complete**
 - **All the changes have been identified and incorporated into the draft**
 - **The format of the change pages is “too concise”**
 - **Hard to figure out the context of the change**
 - **Next draft will use the same format as in the past (802.3u, 802.3z)**
 - **The Rate Control mechanism is buried in the Pascal code**
 - **Not obvious why it is there, what it does and how it works**
 - **Next draft will include text that describes its operation**

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- **Issues:**

- **Need the FrameMaker source code of the 2000 revision of the existing standard to complete the editing effort**

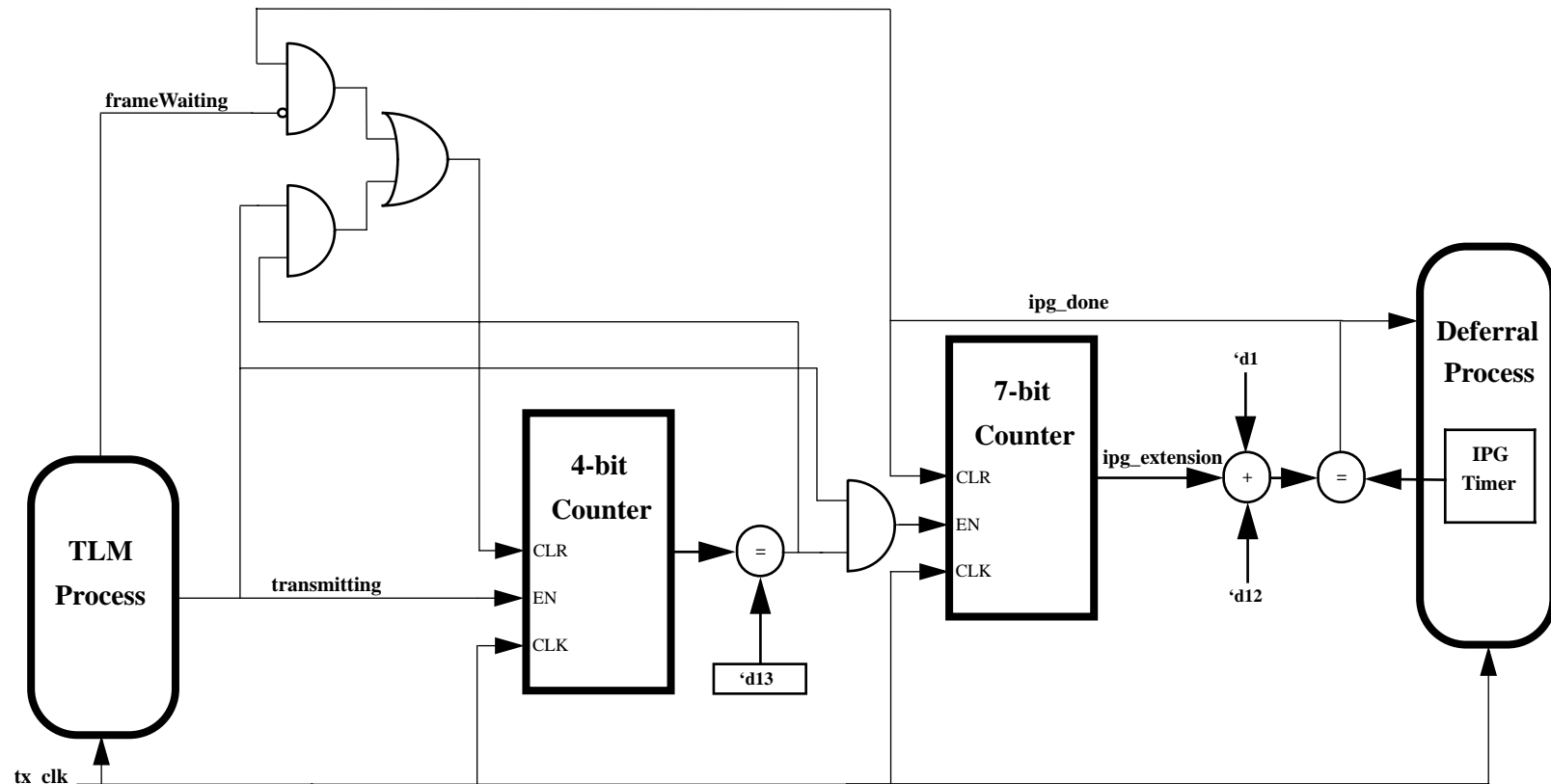
- **Rate Control update**

- **Have been included in the current draft**

- **Interaction between the Rate Control mechanism and the XGMII**

- **The Rate Control mechanism in the MAC will always extend the IPG**
- **The Reconciliation Sublayer may want to extend or compress the IPG for Lane 0 alignment (Steve Haddock's sliding window)**
- **The two actions are not independent**
- **For the purpose of determining IPG compression/extension, the RS must treat the Rate Control IPG extension as an integral part of the packet**
- **This behavior must be included in the RS specification**

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Notes:

- * `transmitting` --- signal that frames the transmission of a frame in the MAC
- * `ipg_done` --- signal that indicates the completion of IPG transmission
- * `frameWaiting` --- signal that indicates that a frame was passed to the MAC for transmission