

Change the reserved row in Table 46-3 for TXD FC from Reserved to:

TXC	TXD	Description	PLS_DATA.request parameter
<u>1</u>	<u>FC</u>	<u>Start, with timestamp</u>	<u>Same as TXD value FB.</u>

Change the reserved row in Table 46-4 for RXD FC from Reserved to:

RXC	RXD	Description	PLS_DATA.indication parameter
<u>1</u>	<u>FC</u>	<u>Start, with timestamp</u>	<u>Same as RXD value FB.</u>

Change Figure 49-7 to add a new control block format for "0xfc":

Input Data	S Y N C	Block Payload								
Q ₀ Q ₁ Q ₂ Q ₃ D ₁ D ₂ D ₃	10	0xfc	Q0	Q1	Q2	Q3	D1	D2	D3	

Change Table 49-1 to add new row in control code order after "start" control character:

Control character	Notation	XGMII Control Code	10GBASE-R Control Code	10GBASE-R O Code	8B/10B Code
Start with timestamp	/S+/ 	0xfc	Encoded by block type field		

Add new section 49.2.4.12:

49.2.4.12 Start with timestamp (/S+)

For EPoC PHY use. In the CNU transmitter (upstream), upon receiving a valid start control character (/S/) as per Section 49.2.4.8 at the beginning of an upstream burst, the EPoC 64B/66B encoder will change the block type value from 0xfb to 0xfc, insert the four octets (32 bits) of timestamp value and construct the block payload as per Figure 49-7. In the CLT receiver, if a block type value of 0xfc is received, the EPoC 64B/66B decoder will treat this as equivalent to 0xfb (/S/) and will not include the timestamp octets in the decoded MAC frame.