

## 55.1 Physical Coding Sublayer (PCS), Physical Medium Attachment (PMA) sublayer and baseband medium, type 10GBASE-T

### 55.3.5.2.1 Constants

*Insert the following constant definitions after all existing constant definitions in the existing 55.3.5.2.1:*

LPBLOCK\_R<71:0>

72 bit vector to be sent to the XGMII containing /LI/ in all the eight character locations.

LPBLOCK\_T<64:0>

65 bit vector to be sent to the LDPC encoder containing /LI/ in all the eight character locations.

IBLOCK\_R<71:0>

72 bit vector to be sent to the XGMII containing /I/ in all the eight character locations.

IBLOCK\_T<64:0>

65 bit vector to be sent to the LDPC encoder containing /I/ in all the eight character locations.

UBLOCK\_R<71:0>

72 bit vector to be sent to the XGMII containing two <Link Interruption> ordered sets. The <Link Interruption> ordered set is defined in 46.3.4.

### 55.3.5.2.2 Variables

*Insert the following variable definitions after all existing variable definitions in the existing 55.3.5.2.2:*

The following variable is only required for PHYs that support the fast retrain capability.

fr\_sigtype

If fast retrain is supported, this variable is set based on the value in 1.147.2:1 as follows:

00b IBLOCK\_R

01b LBLOCK\_R

10b UBLOCK\_R

11b Reserved

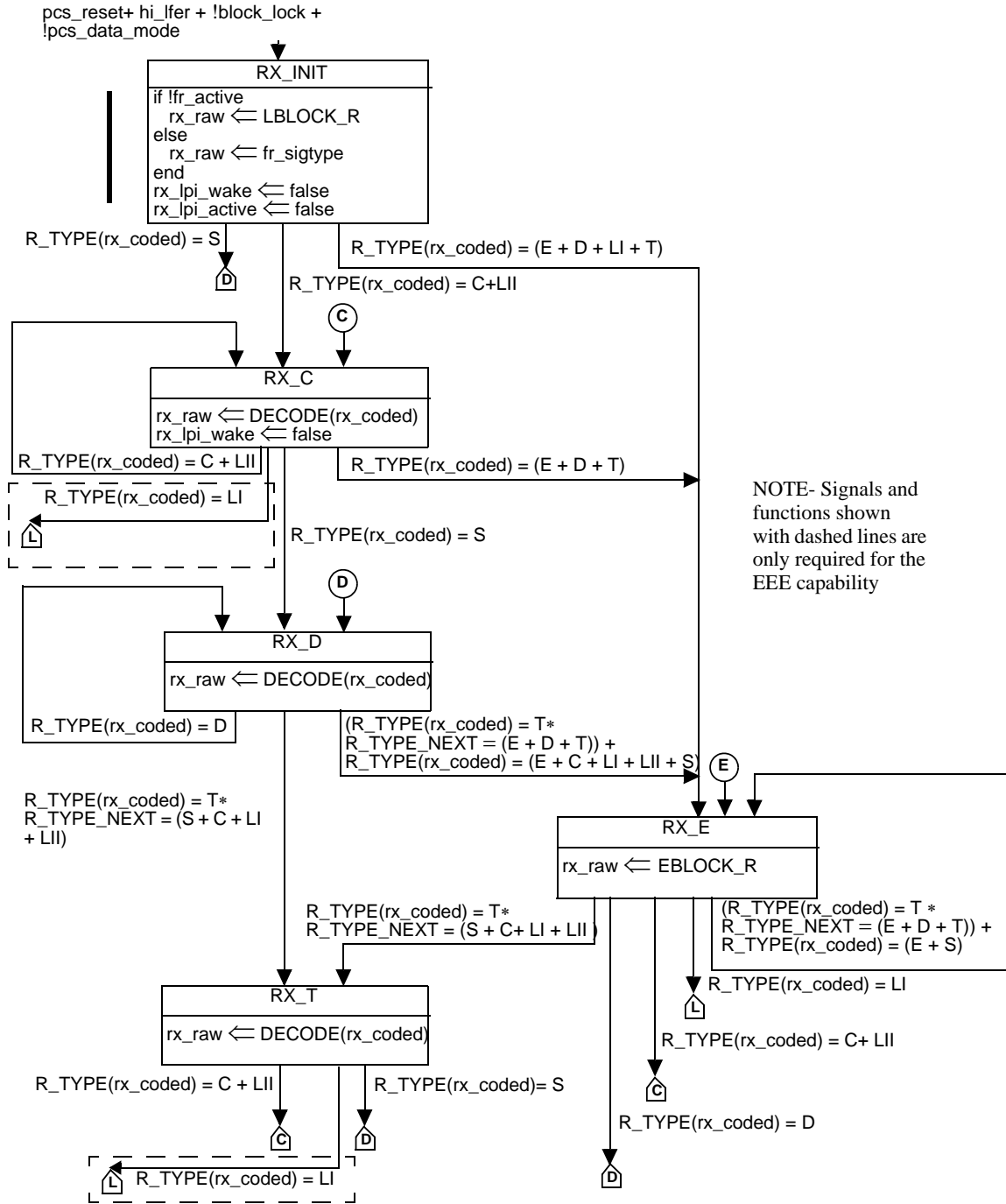


Figure 55-16—PCS 64B/65B Receive state diagram, part a)