

Revisions

4.2 Message Envelope Structure

Repeat The repeat bit is normally set to 0 and will be set to 1 on retransmission not occurring as a result of collisions. If a positive acknowledgment is not received, the transmitter will repeat the command only one more time with the repeat bit set.

4.5.1 Transmitting Device Timing

a) Valid Message Acknowledged

For a valid message sent to a set and positive acknowledgment received, the earliest a new message may be sent is at 23 ms relative to $t=0$ (the beginning of the previous message).

For a valid message sent to a linecard in a LCM and positive acknowledgment received, the earliest a new message may be sent is 45 ms from when the positive acknowledgment is received from the previous message. (See 4.5.3 for explanation)

4.5.3 Maximum Message Rate

The full available message rate bandwidth (23 ms per message) may not be used, depending on the switch software real-time requirements. It may be subject to switch throttling (flow control mechanism) depending on the circumstances. A minimum of 45 ms between the receipt of the positive acknowledgment of a valid message and the start of the next valid message is required for messages to the line card to allow for timing requirements of the switch. Additionally, when the limit of six messages per second is exceeded, all messages from the CPE after the first six will be ignored by the switch.

In figure 4-3:

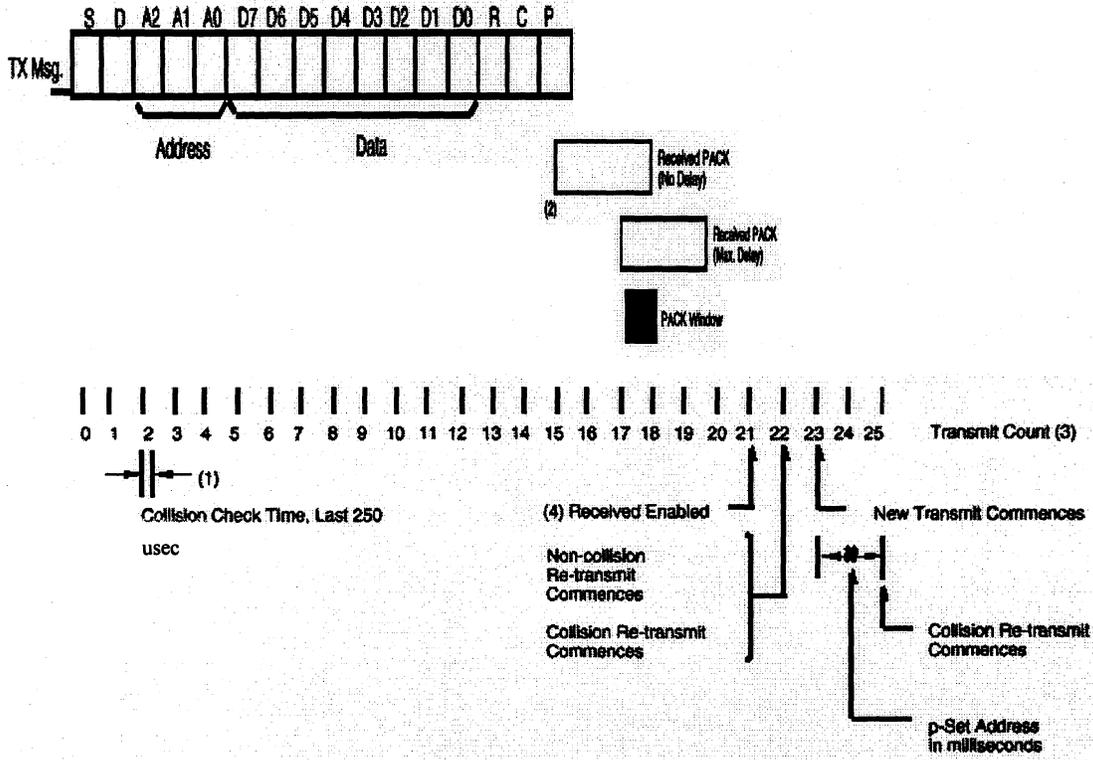
The second box should read "Transmit bits (check for collision)" instead of "Transmit Pack (check for collisions)".

**ADDENDUM
NIS S106-2**

A "Yes" is needed on right hand side of Collision and PACK found decision diamonds.

A "NO" is needed on the bottom of PACK found decision diamond.

In figure 4-4 Transmit Sequence, ensure picture below is used without modifications.



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