

## IEEE 802.17 Maintenance Request 0117

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Standard 802.17-2004 Page 353 Subclause 11.6.7.4 Figure \_\_\_\_\_ Table 11.17

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**Perceived Problem** [ If more space is needed, please provide an additional file, preferably as plain text. ]

TP frames should be broadcasted in both ringlets, but EnqueueRi(0,Q\_TX\_RS,frame) and EnqueueRi(1,Q\_TX\_RS,frame) (Table 11.17, row 11) are actions with the same effect. Both copies of frame will be send in one ringlet by the RingletSelection state machine when EnqueueRi() works according to definition (7.2.3).

Identical problem appears during TC frame transmission (table 11.19 row 6).

Probably there are similar ones in the definition of routine LrttRequestTransmit( ) (11.6.14.3 - Equation 11.19 ) and in TimingLrttFrame state machine (table 11.22 row 10).

**Proposed Remedy** [ If more space is needed, please provide an additional file, preferably as plain text. ]

There are many ways to fix this problem. The one is to change a definition of routine EnqueueRi() from:

“If the requested queue is Q\_TX\_RS, ringlet is ignored, and the only instance of Q\_TX\_RS is used.”

to e.g.:

“If the requested queue is Q\_TX\_RS, ringlet should be set as value of ringlet\_id indication for RingletSelection state machine, and the only instance of Q\_TX\_RS is used.”

The other way is to add some new row with special rules for setting ringlet\_id value to control frames in the state START of RingletSelection state machine table or maybe to change a definition of DefaultRinglet routine.

**Rationale For Remedy** [ If more space is needed, please provide an additional file, preferably as plain text. ]

The frames will be transmitted in both ringlets according to specification.

**Remedy's Effect On Existing Equipment** [ If more space is needed, provide an additional file, preferably as plain text. ]

No effect except fixing a problem.

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