

# Move REC related content out of 149.3.8.4 and to 149B Comment #20

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IEEE802.3ch Interim

# Remove from 149.3.8.4.3

## `mr_rx_rec`

The number of RS-FEC block errors, both correctable and uncorrectable, reported by the link partner.

Values:

The value can be any integer from 0 to 65 535, inclusive.

## `mr_rx_rec_cleared`

Indicates whether the link partner has cleared its REC.

Values:

false: link partner REC counter has not been cleared.

true: link partner REC counter has been cleared.

## `mr_tx_rec_cleared`

Indicates whether the REC counter has been cleared.

Values:

false: REC counter has not been cleared.

true: REC counter has been cleared.

## `mr_tx_request_rec_clear`

Request to clear the REC counter in the link partner.

Values:

false: Don't request link partner to clear its REC counter.

true: Request link partner to clear its REC counter.

# Remove from 149.3.8.4.3

## rx\_clear\_rec

Request from the link partner to clear the REC counter.

Values:

- false: Link partner is not requesting the REC counter be cleared.
- true: Link partner is requesting the REC counter be cleared.

## tx\_clear\_rec

Request to clear the REC counter in the link partner.

Values:

- false: Don't send request to link partner to clear their REC counter.
- true: Send request to link partner to clear their REC counter.

# Remove from 149.3.8.4.4

`tx_rec`

A count of received RS-FEC block errors, both correctable and uncorrectable.

Values:

The value can be any integer from 0 to 65 535, inclusive.

# Remove from 149.3.8.4.6

- Figure 149-24 – Clear REC state diagram
- Figure 149-25 – Request REC Clear state diagram

# Create 149B.3

## 149B.3 Detailed functions and State Diagrams

### 149B.3.1 State diagram conventions

The body of this subclause is comprised of state diagrams, including the associated definitions of variables, counters, and functions. Should there be a discrepancy between a state diagram and descriptive text, the state diagram prevails.

The notation used in the state diagrams follows the conventions of 21.5.

# Create 149B.3

## 149B.3.2 State diagram parameters

### 149B.3.2.1 Variables

#### mr\_rx\_rec

The number of RS-FEC block errors, both correctable and uncorrectable, reported by the link partner.

Values:

The value can be any integer from 0 to 65 535, inclusive.

#### mr\_rx\_rec\_cleared

Indicates whether the link partner has cleared its REC.

Values:

false: link partner REC counter has not been cleared.

true: link partner REC counter has been cleared.

# Create 149B.3 – 149B.3.2.1 cont'd

## mr\_tx\_rec\_cleared

Indicates whether the REC counter has been cleared.

Values:

false: REC counter has not been cleared.

true: REC counter has been cleared.

## mr\_tx\_request\_rec\_clear

Request to clear the REC counter in the link partner.

Values:

false: Don't request link partner to clear its REC counter.

true: Request link partner to clear its REC counter.

# Create 149B.3 – 149B.3.2.1 cont'd

## rx\_clear\_rec

Request from the link partner to clear the REC counter.

Values:

false: Link partner is not requesting the REC counter be cleared.

true: Link partner is requesting the REC counter be cleared.

## tx\_clear\_rec

Request to clear the REC counter in the link partner.

Values:

false: Don't send request to link partner to clear their REC counter.

true: Send request to link partner to clear their REC counter.

# Create 149B.3

## 149B.3.2.2 Counters

### tx\_rec

A count of received RS-FEC block errors, both correctable and uncorrectable.

Values:

The value can be any integer from 0 to 65 535, inclusive.

## 149B3.2.3 State Diagrams

- Move Figure 149-24 – Clear REC state diagram (may be the updated Figure requested by another comment) & Figure 149-25 – Request REC Clear state diagram here.