

Clarification of 802.1CB Clauses 6.6 and 9.1.4 Active Destination MAC and VLAN stream identification function

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- Problem
- Proposed clarifications

PROBLEM

Problem

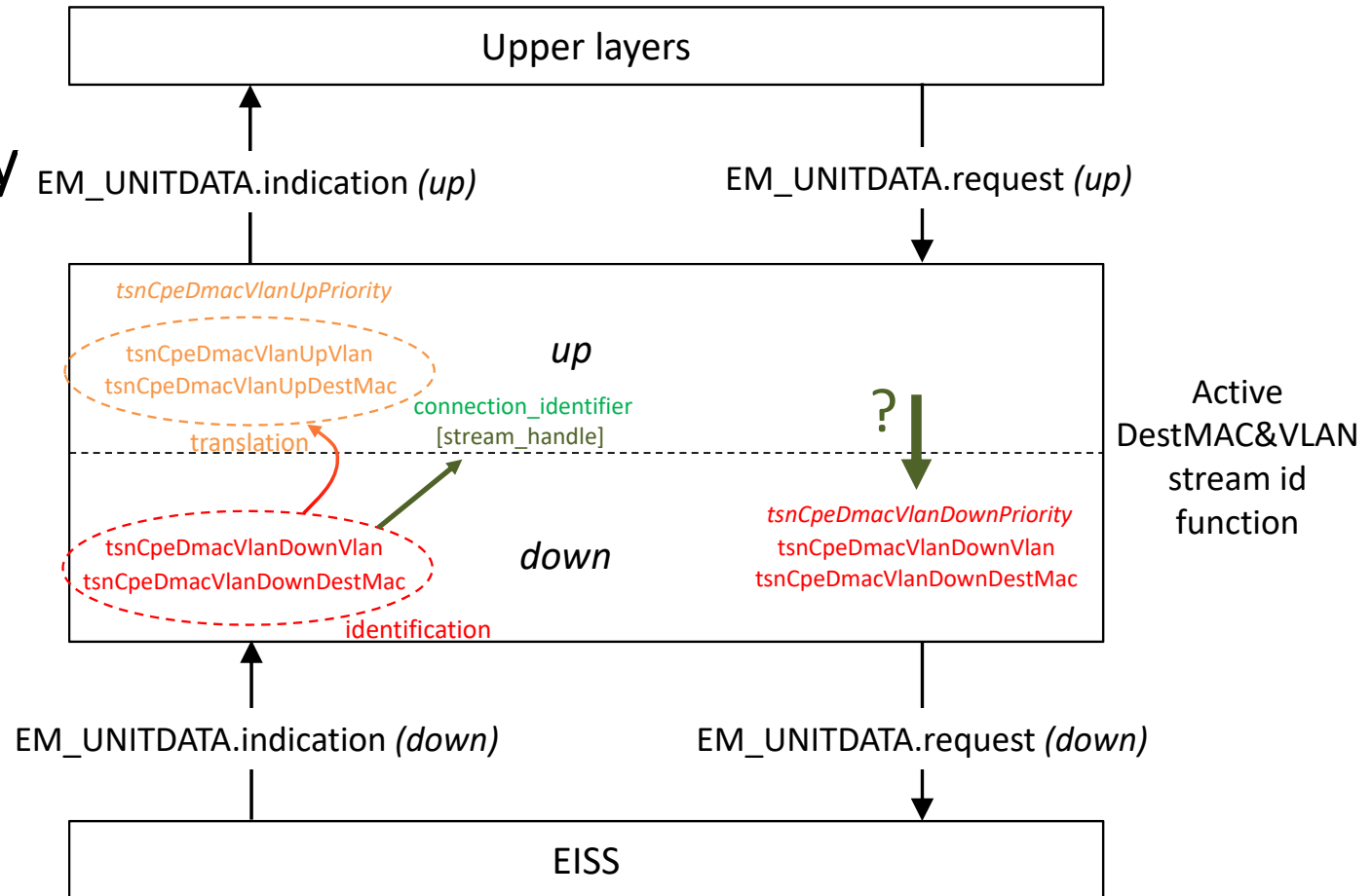
- As pointed out by Craig through email exchange in January and maintenance confcall last week :
 - Current text describing the *Active MAC destination and VLAN* stream identification function and its managed objects refers to those of the *Null Stream* identification functions in Clauses:
 - 6.6 Active Destination MAC and VLAN Stream identification, 2nd paragraph

In the Active Destination MAC and VLAN Stream identification, the `destination_address`, `vlan_identifier`, and `priority` parameters of the frame passed down the stack from the upper layers or up the stack from the lower layers are replaced with alternate values. **The replacement values for frames transmitted down the stack to the Active Destination MAC and VLAN Stream identification, and used to recognize frames passed up the stack to the Active Destination MAC and VLAN Stream identification function, are those listed in 9.1.2.** The replacement values for frames passed up the stack (not including the `priority` parameter) are in 9.1.4.
 - 9.1.4 Managed objects for Active Destination MAC and VLAN Stream identifications

When instantiating an instance of the Active Destination MAC and VLAN Stream identification function (6.6) for a particular output Stream, the managed objects in the following subclauses, **along with those listed in 9.1.2**, serve as the `tsnStreamIdParameters` managed object (9.1.1.7).

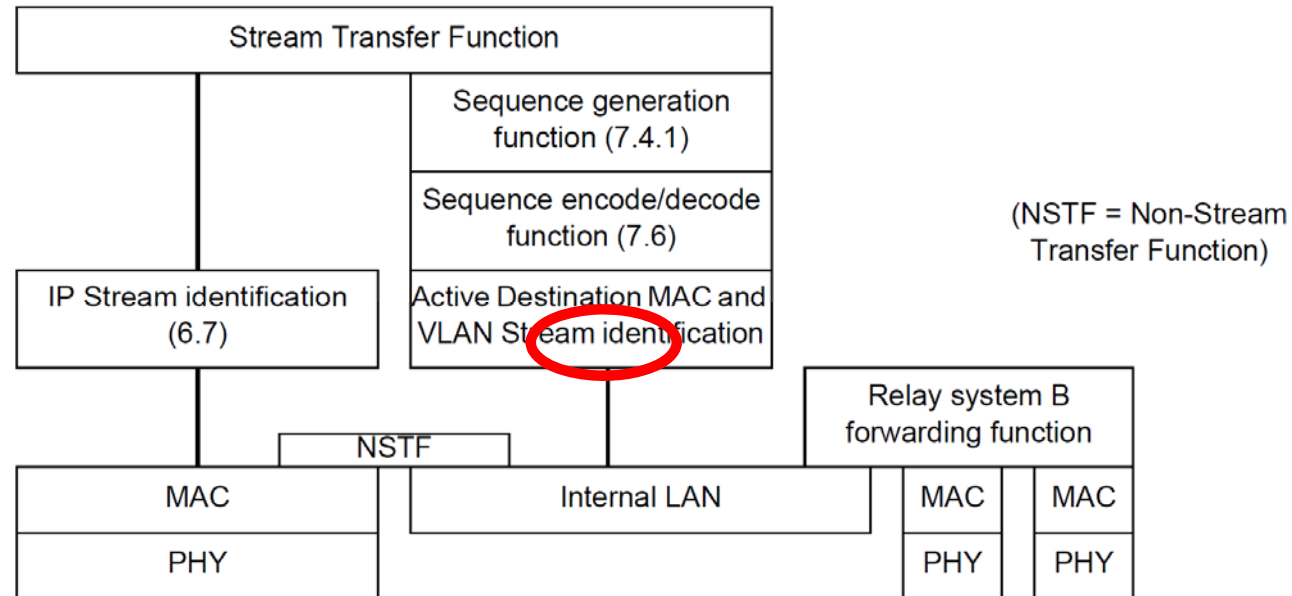
Problem

- However, The sub-clauses in 9.1.4 already define all the necessary managed objects, making the references to those described in 9.1.2 redundant
- ... one thing is still missing though
 - How to determine the set of replacement parameters to use down the stack



Problem

- And... there is a missing cross-reference to the Active Destination MAC and VLAN Stream identification function in figure C-5:



PROPOSED SOLUTION

Proposed clarifications

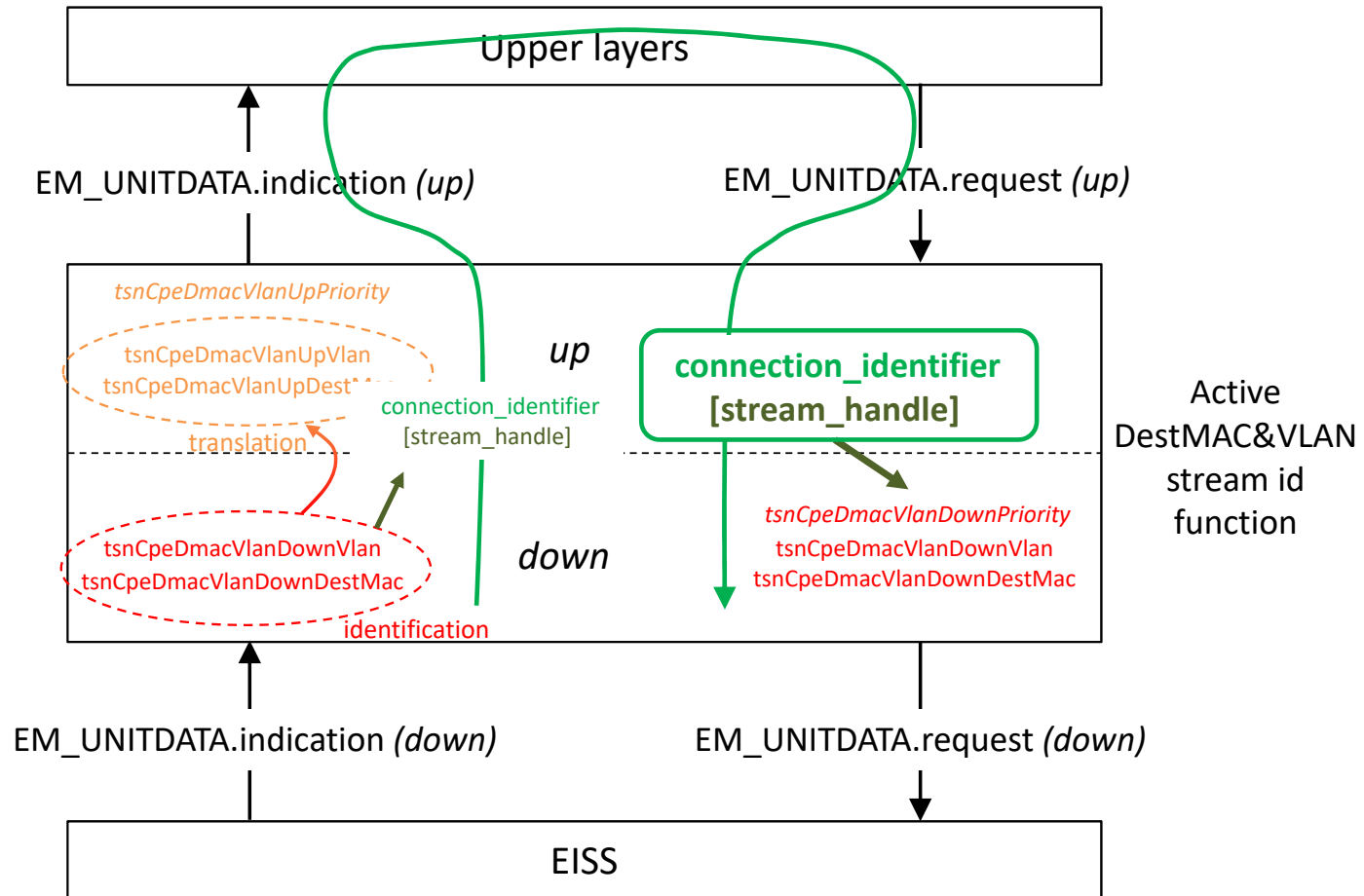
- Change Clause 6.6, paragraph 2 text as follows:

In the Active Destination MAC and VLAN Stream identification, the destination_address, vlan_identifier, and priority parameters of the frame passed down the stack from the upper layers or up the stack from the lower layers are replaced with alternate values. The replacement values for frames transmitted down the stack to the Active Destination MAC and VLAN Stream identification, and used to recognize frames passed up the stack to the Active Destination MAC and VLAN Stream identification function, ~~are those listed in 9.1.2. T as well as the~~ replacement values for frames passed up the stack ~~(not including the priority parameter)~~ are described in 9.1.4.

The replacement values for frames transmitted down the stack to the Active Destination MAC and VLAN Stream identification function are determined by the stream_handle subparameter passed down in the EISS request's connection_identifier.

- Change Clause 9.1.4 text as follows:

When instantiating an instance of the Active Destination MAC and VLAN Stream identification function (6.6) for a particular output Stream, the managed objects in the following subclauses, ~~along with those listed in 9.1.2,~~ serve as the tsnStreamIdParameters managed object (9.1.1.7).

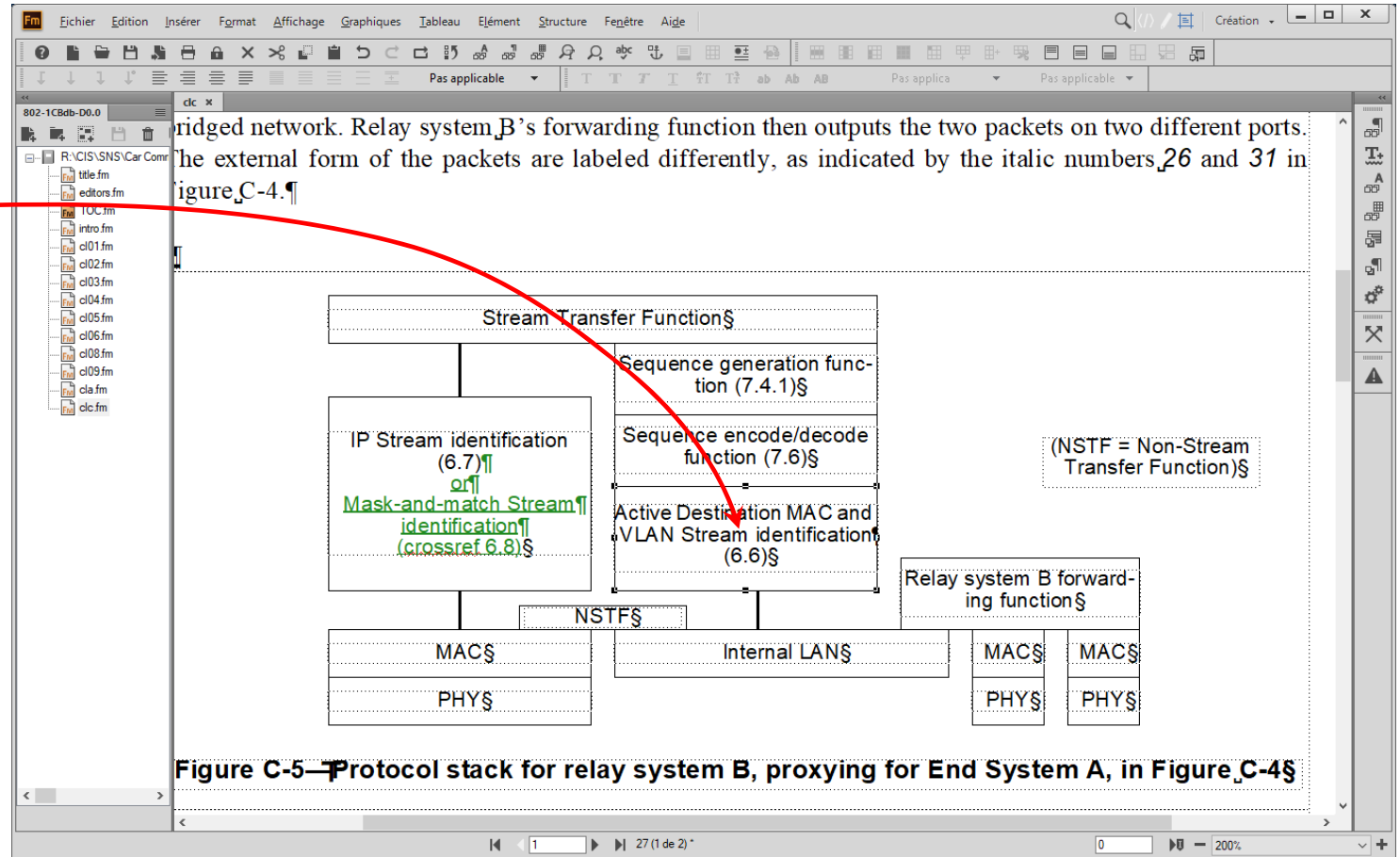


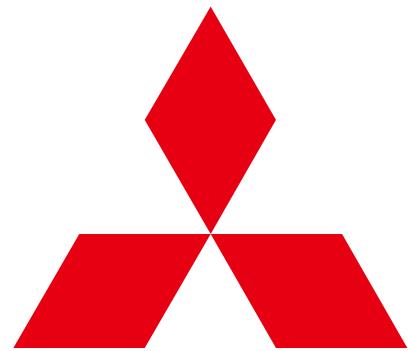
Proposed clarifications

- Figure C-5

- the reference to 6.6 was there !

- just hidden after a mischievous resize of the box





**MITSUBISHI
ELECTRIC**

Changes for the Better

Thank you for your attention

