IEEE Std 802.1Qrev-2022 Text Proposal - v1

- **0342**: StreamID, StreamID Group, StreamID TLV (https://www.802-1.org/items/453)

Currently used	Occurrence (section:page#line)	Consolidated use	New reference
StreamID structure	35.2.2.8.1:1529#Figure 35-2	StreamID structure	35.2.2.8.1:1529#Figure 35-2
StreamID	35.2.2.8.2:1529#14	StreamID	35.2.2.8.2
StreamID subcomponent	35.2.2.8.2:1529#16	StreamID component	35.2.2.8.2
StreamID component	35.2.2.8.2:1530#8	StreamID component	35.2.2.8.2
original StreamID structure	35.2.2.10.2:1539#6		
StreamID TLV	35.2.2.10.2:1539#3	StreamID TLV	35.2.2.10.2
enhanced StreamID TLV	35.2.2.10.2:1539#5	???	
StreamID group	46.2.3.1:1678#2	StreamID group	46.2.3.1
StreamID element	46.2.3.1:1678#Table 46-1	StreamID group element	46.2.3.1
StreamID group element	46.2.3.1:1678#5	StreamID group element	46.2.3.1

I am mentally using these definitions, but not all of them need to appear in the document literally:
- The MSRPDU FirstValue structure contains a StreamID structure consisting of a serialization of the StreamID components
- The StreamID consits of 2 StreamID components
- StreamID group elements are typed representations of the StreamID components
- The value of the StreamID TLV consists of serializations of the StreamID components

35.2.2.8.2 StreamID
...
The StreamID ~~comprises~~ consists of the following two ~~sub~~components:
...

35.2.2.10.2 StreamID TLV
The value of the StreamID TLV (Figure 35-4) consists of serializations of the StreamID components (35.2.2.8.2).
Figure 35-4 specifies ~~the encoding of~~ the value ~~for~~ in the StreamID TLV. The MacAddress is encoded in a manner consistent with the MAC address of a frame header. The semantics of the MacAddress and UniqueID elements of the <mark>enhanced StreamID TLV</mark> are the same as the semantics of the Mac Address and Unique ID of the ~~original~~ StreamID structure (Figure 35-2~~35.2.2.8.2~~). Requirements for incrementing UniqueID are specified in 35.2.2.10.
The StreamID group is specified in 46.2.3.1.

46.2.3.1 StreamID group
The StreamID group's elements (Table 46-1) are typed representations of the StreamID components (35.2.2.8.2).

The StreamID ~~group~~ provides a unique identifier of the Stream's configuration and is used by protocols in the network to associate the user's Stream with TSN resources. The StreamID group is used by Talker, Listener, and Status groups.

The elements of the StreamID group are listed in Table 46-1.

Table 46-1—StreamID group elements