This text shows an example of how to improve the structure of 8.6.5.2 as requested by comment 12 on D2.2. The track changes are relative to D2.2 including the changes in the proposed disposition document 802-1Qcr-d1-2-pdis-v02.

When Per-Stream Filtering and Policing (PSFP) or Asynchronous Traffic Shaping (ATS) is used, filtering and policing decisions for received frames are made, and subsequent queuing (8.6.6) and transmission selection decisions (8.6.8) supported, as follows:

a) ~~Each received frame is associated with a stream filter, as specified in 8.6.5.3.~~ If a~~no~~ matching stream filter is ~~found~~specified (8.6.5.3), that is used to process the frame.~~the frame is queued for transmission as specified in 8.6.6, without~~ The frame is subject to further frame classification and filtering processing. Wildcard stream filters can be configured to match and discard frames not associated with a specified stream.

b) If the stream filter specifies~~enables~~ maximum SDU size filtering (8.6.5.3.1), that is used to process the~~a~~ frame. The frame can be discarded. The ATS scheduler state machine operation (8.6.11) assumes that the sizes of frames that it processes are less than or equal to the associated CommittedBurstSize parameter (8.6.11.3.5).

c) The stream filter specifies a stream gate (8.6.5.4), that is used to process the frame. The frame can be discarded ~~if there is excess traffic for the stream, or it is associated with a scheduled stream and has not been received in a permitted interval. The~~or the frame's priority can be mapped to an internal priority value (IPV) that can influence subsequent queuing decisions (8.6.6).

d) If the stream filter specifies one or more flow meters (8.6.5.4), they are used to process the frame. The frame can be discarded or marked as drop eligible. ~~A stream filter can be configured without a flow meter. A given stream filter can be configured with a flow meter and an ATS Scheduler if both PSFP and ATS are supported.~~

e) If the stream filter specifies an ATS scheduler (8.6.5.6), that is used to process the frame. It computes an eligibility time for the frame for subsequent use by the ATS transmission selection algorithm (8.6.8.5).