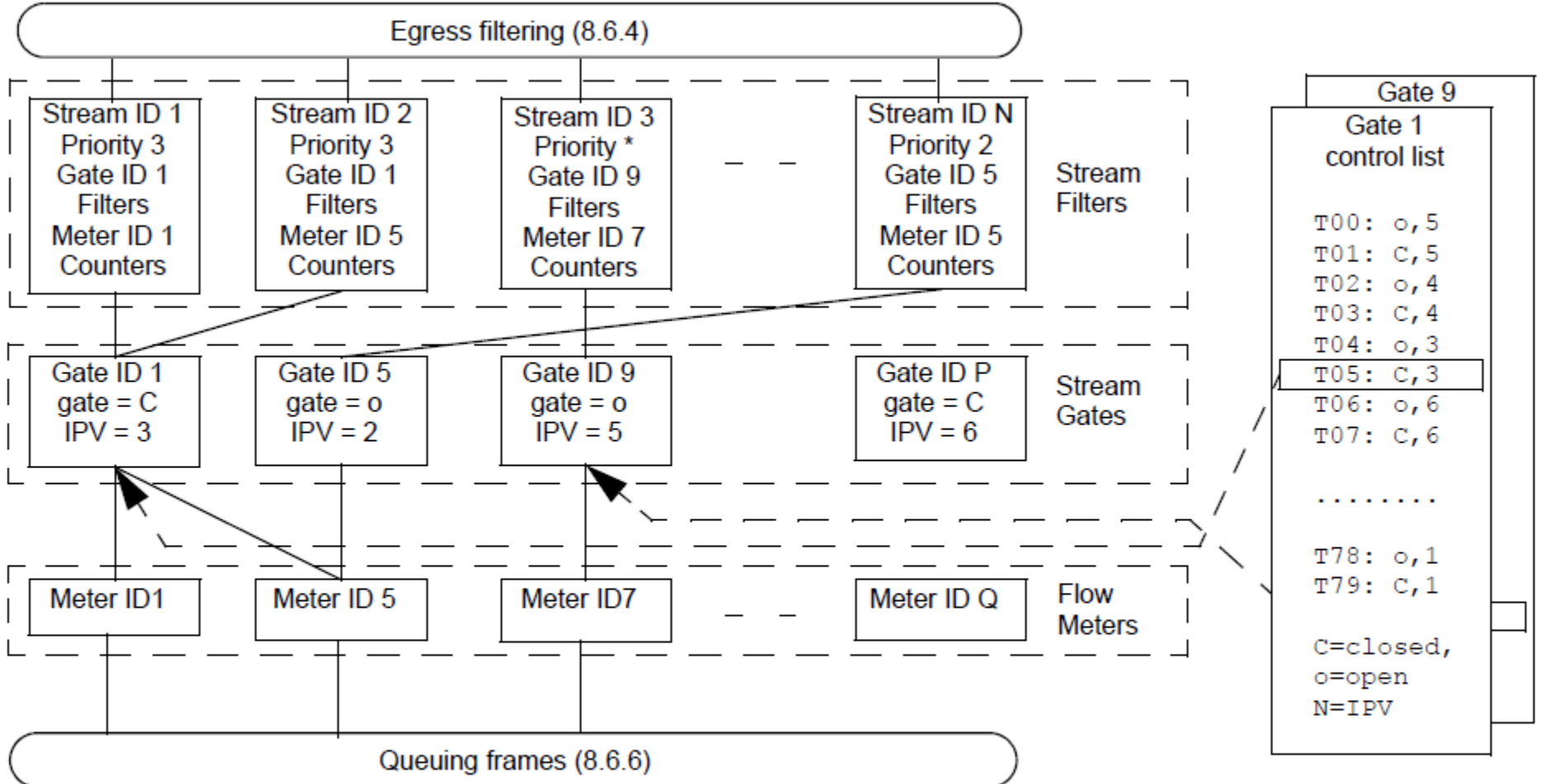# Figures for IEEE 802.1 Maintenance item 251

Johannes Specht, johannes.specht.standards@gmail.com,
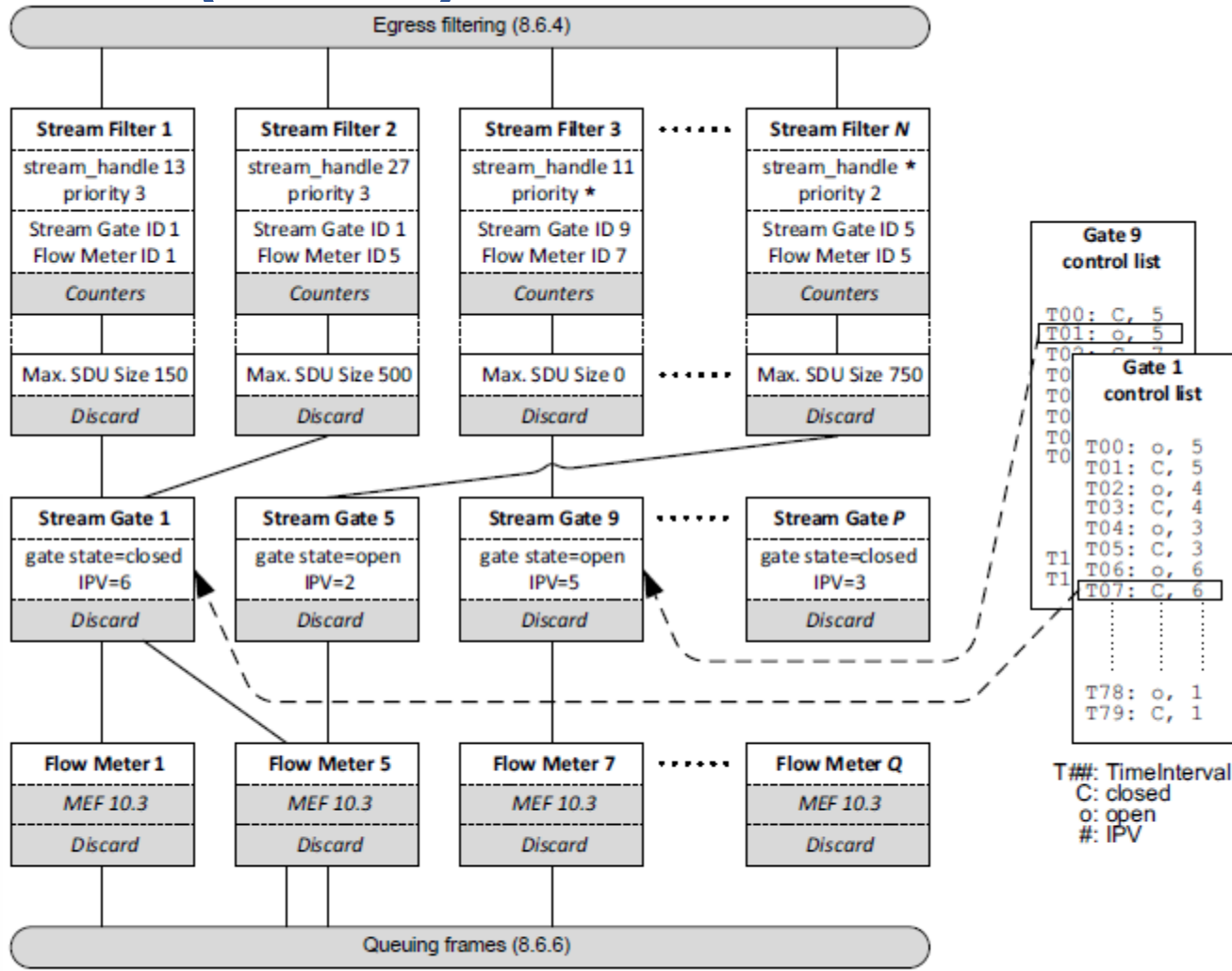University of Duisburg-Essen

Introduction

- This presentation provides two new figures of the PSFP and ATS "pipelines" in clause 8.6.5 of an IEEE Std 802.1Q-20XX for subsequent discussion in Maintenance (see https://www.802-1.org/items/365).

- The new figures are intended as potential replacements for the existing figures 8-14 and 8-15. The existing figures are found in recent P802.1Qcr drafts (https://1.ieee802.org/tsn/802-1qcr/).

- Agreement whether or not the new figures shall replace the existing ones is subject to discussion in 802.1 Maintenance.

- As indicated in Geneva, it is not enough to just insert stream_handle. One immediate consequence is the need for layout changes. In addition, the new figures provide additional enhancements over the existing ones for discussion.
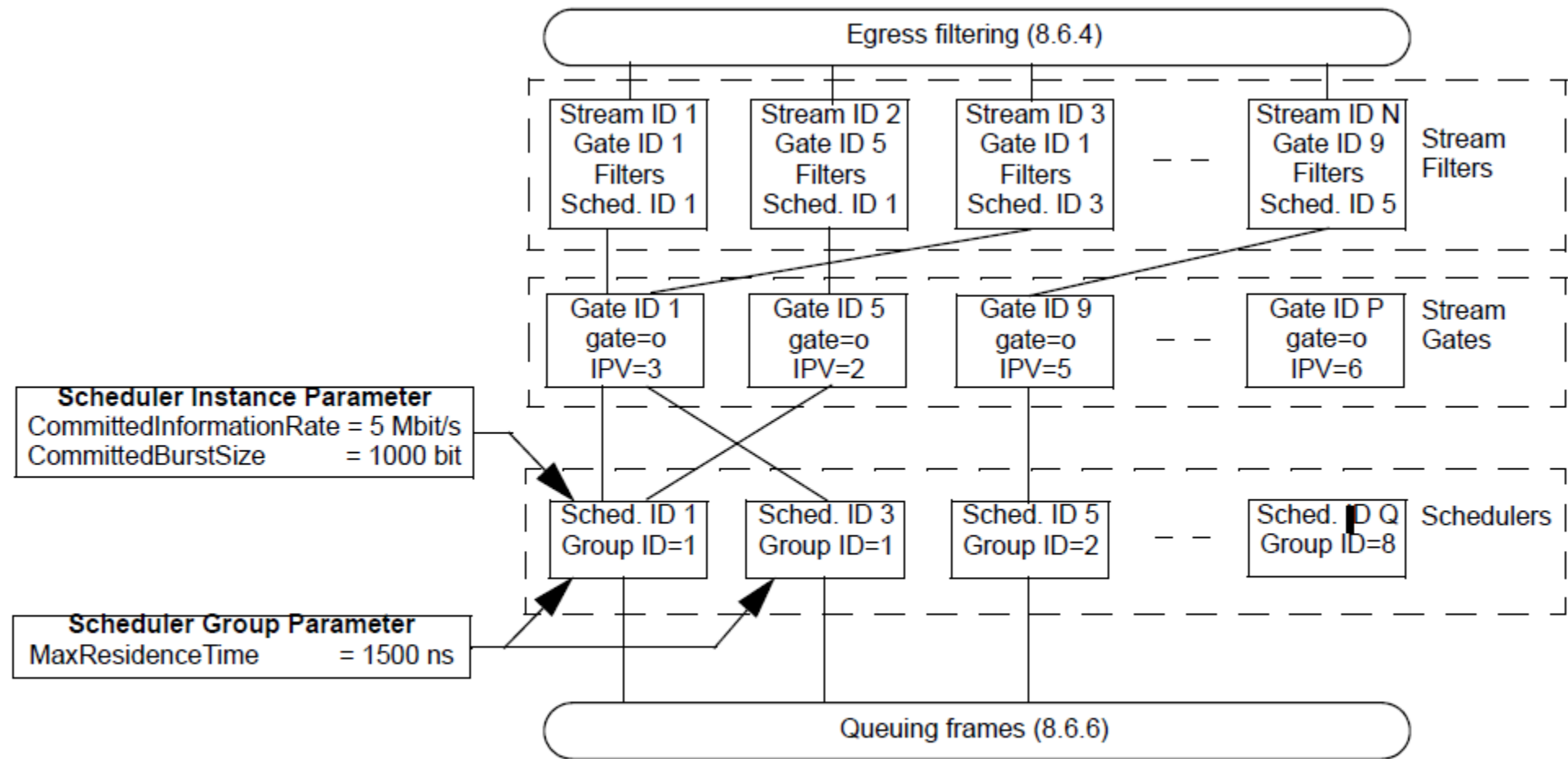
Old Figure 8-14 (PSFP)

KEY
Stream ID: stream filter instance identifier (8.6.5.3)
Gate ID: stream gate instance identifier (8.6.5.3, 8.6.5.4)
Meter ID: flow meter instance identifier (8.6.5.3, 8.6.5.5)
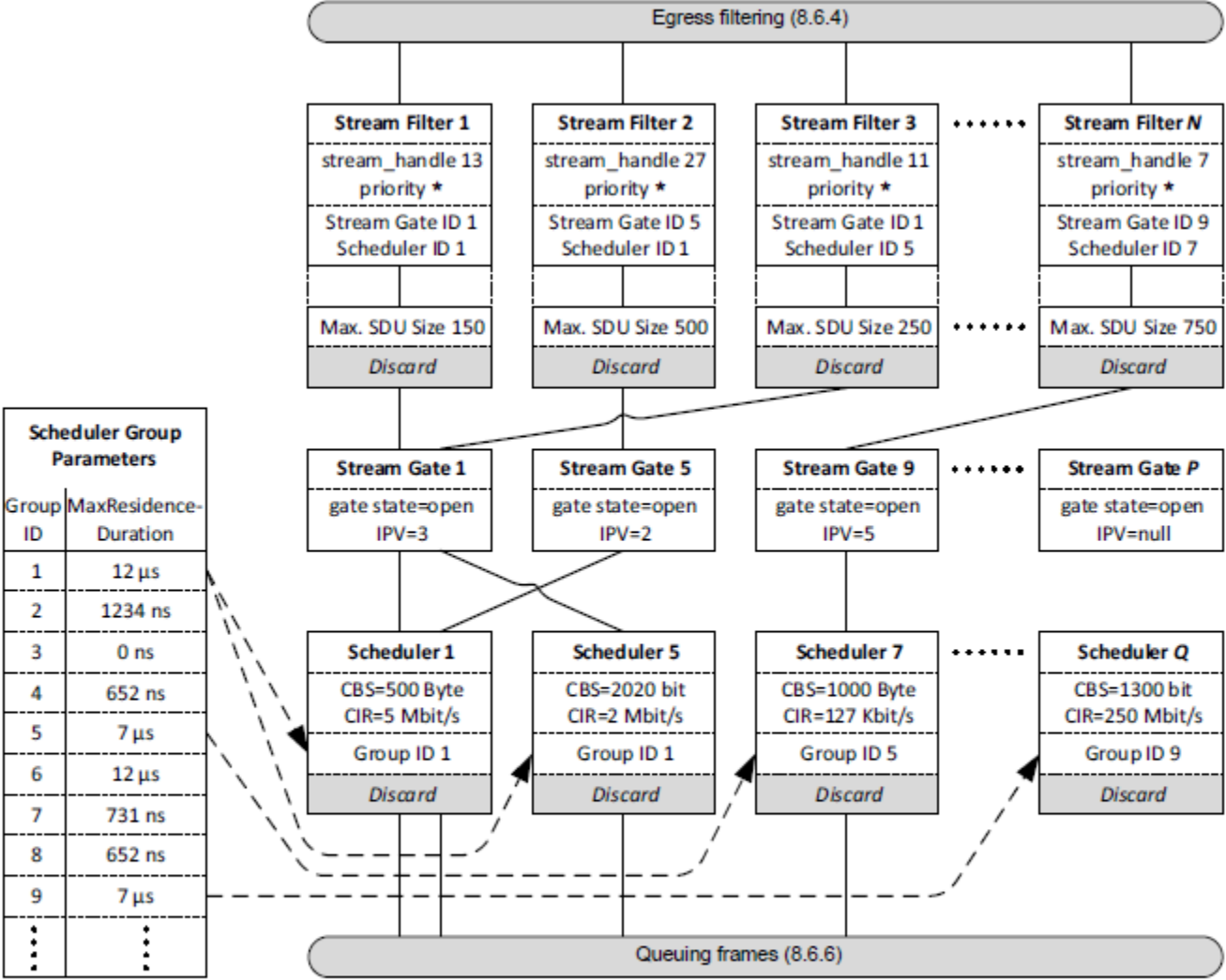
New Figure 8-14 (PSFP)

Figures for IEEE 802.1 Maintenance item 251 – Johannes Specht

Old Figure 8-15 (ATS)

New Figure 8-15 (ATS)

KEY
Discard: Frame discarding abilities and parameters (8.6.5.3.1, 8.6.5.4, 8.6.5.6).
CBS: CommittedBurstSize parameter (8.6.5.6, 8.6.11.3.5).
CIR: CommittedInformationRate parameter (8.6.5.6, 8.6.11.3.6).

Figures for IEEE 802.1 Maintenance item 251 – Johannes Specht