Yang data model
• Added a compression feature (useful for *delay tolerant*)
• Clarify description?

```plaintext
73    feature Fragmentation {
74      description "SCMC compression capabilities are taken into account";
75    }
76
77    feature Fragmentation {
78      description "SCMC fragmentation capabilities are taken into account";
79    }
80  // D8: what does this mean?
```
Interleaved SCHC fragments

- The support for interleaved fragmented packet transmission is not described in the YANG model. Do we need it? The DTag size (T) is an indication that interleaving might be supported or not, but a profile might want to specify e.g. that interleaving 3 packets is mandatory, while T==2 says that up to 4 packets could be interleaved.

- Good discussion for the group, we try to implement just what is defined in RFC8{7|8}24, do you introduce more specific and useful information in the model?
• Maximum-window-size => max-window-size
• Added max-interleaved-frames
  • Default = 1: can be used for slow start?
• Retransmission Timer for AoE et AA
Ack period

- I'm unclear that ack-behavior in the Yang model captures the intention of RFC8724. The description of ack-behavior-after-All0 says that an ACK is expected after an All-0, and the description of ack-behavior-after-All1 says that an ACK is expected after an All-1, but the two are not exclusive, while ack-behavior cannot be equal to both. Likewise ack-behavior-always is described like an ACK is expected after every fragment, I think it wanted to say after every window. These pertain to different fragmentation modes (Ack-on-Error and Ack-Always).

- May be the term always is not well chosen and need more explanation, It is more the ack are sent when the L2 allowed it.
identity ack-behavior-always {
  base ack-behavior-base-type;
  description
  "Fragmentation expects Ack after sending every fragment."
  // DB: better comment needed. They are not accurate as is.
}

+ identity ack-behavior-by-layer2 {
  base ack-behavior-base-type;
  description
  "Layer 2 defines when to send an Ack."
}
Window size

- **WINDOW_SIZE [RFC8724]** is incorrectly described as maximum-window-size (Yang model). The window_size is the max tile index + 1, while the max window size is $2^M-1$

- The goal was to limit the maximum value for FCN and not always having $2^M-2$
Penultimate tile

- Appendix D says that a profile, if Ack-on-Error is used, must define "if the penultimate tile of a SCHC Packet is of the regular size only or if it can also be one L2 Word shorter". I haven't found such information in the Yang model. Shall it be? Or is it part of a priori knowledge from the profile? I would assume that this would depend on the tile size, therefore vary by rule, therefore should be in the Yang model.

- For me there was not option, it is always done.
**DTAG lifetime**

• similarly, the "lifetime of DTAG at the receiver" is not in the Yang model. Shall it be? Or is it part of a priori knowledge from the profile?

• I don't catch this point, isn't it linked to inactivity timer?