Packet Reordering Metric for IPPM - Comments from WG Last Call

`http://www.ietf.org/internet-drafts/draft-ietf-ippm-reordering-07.txt`

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Comments on draft 07 in Last Call

- **Section 2: Expectation of Order**
  - ➔ **Order, like packet delivery, should not be assumed**
- **Section 2.2 Goals and Objectives Metrics MUST**
  - ➔ **have one or more uses? (<u>this Has Been Helpful</u>!)**
  - ➔ **work with Poisson and Periodic Streams?**
- **Section 3: Simplify the Reordered Definition**
  - ➔ **use message numbers only**
- **Section 3: Duplicate Packets**
  - ➔ **The Metric Definition is valid (not criticized)**
  - ➔ **any remaining discussion is about implementations**
- **Section 4.4: Metric Sensitivity to Test Streams**
  - ➔ **noted in this section on Buffer size est. and Section 6**
  - ➔ **watch-out for inferences - easy to get wrong**

Comments on draft 07 in Last Call

- **Section 5: a Reordering Metric needs a TCP-like Stream to make inferences about TCP**
    - ➔ **Otherwise, estimates are bogus (Point to BTC framework)**
    - ➔ **But, if all other metrics are valid with a BTC stream, what does this one add?**
- **Section 5: Status w.r.t. Type-P-Reordered clarified**
- **Section 6: TCP Retransmits - why mention them?**
    - ➔ **Only needed if Byte order is used as Sequence number**
- **Section 6: Don't worry about Broken TCP**
    - ➔ **sender exceeds window limit?**

Summary

- **Last Call Comments Addressed**
  - ➔ **(mostly, still working on a few, resolve this week with principals and then the list)**
- **After 2+ years, here's a snapshot:**

  http://home.comcast.net/~acmacm/
- **Need a few more readers**
- **Any more Comments?**
  - ➔ **(or are we ready for *another* Last Call?)**