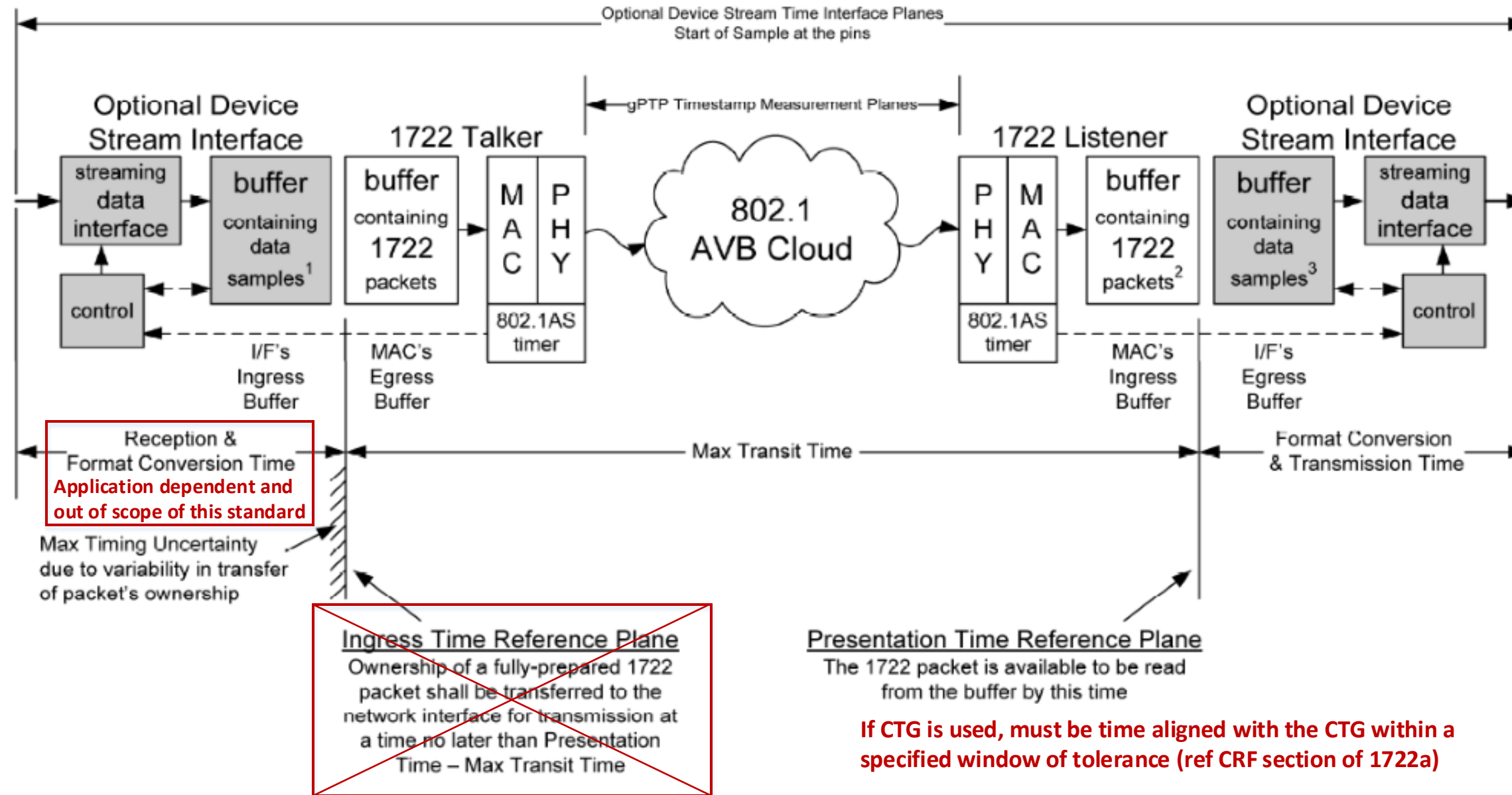


Figure <5.x> AVTP Listener's perspective when receiving media streams from multiple Talkers

Comments on current “timing measurement planes diagram” in 1722-2011
 Question: Is this diagram due for changes or replacement? (not sure.. Discuss..)

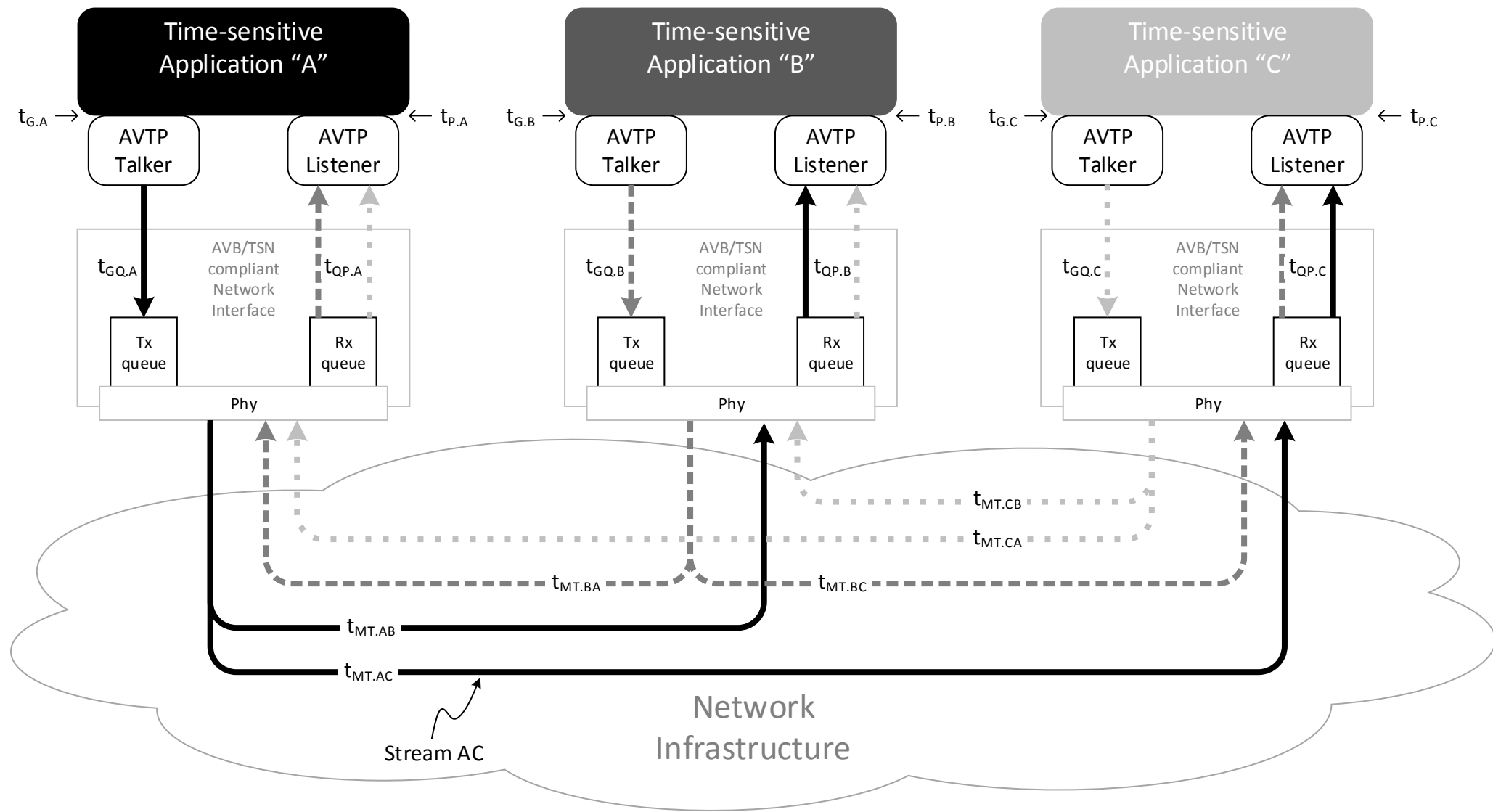


This implies specifics about implementation (i.e. how stream packets are generated prior to going on the wire) which arguably should be out of scope

Suggested Change

A Talker shall queue each 1722 stream packet for transmission at a time no later than $(PT - MTT)$, where PT is the presentation time in the current packet and MTT is the Max Transit Time.

Possible new diagram to help more clearly define and quantify the “presentation time offset” concept and requirement



Example: Calculation of minimum Presentation Time Offset for Stream AC

$$PTO_{AC} \geq t_{GQ,A} + t_{MT,AC} + t_{QL,C}$$

- where:
- $t_{GQ,A}$ = time from sample generated to packet in tx queue for Talker A
 - $t_{MT,AC}$ = max transit time across network from Talker A to Listener C
 - $t_{QL,C}$ = time from rx queue to ready for app consumption for Listener C