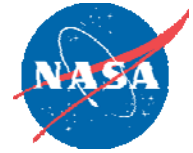


Capacity Draft IPPM Working Group

draft-ietf-ippm-bw-capacity-00.txt

Phil Chimento, JHU/APL
Joseph Ishac, NASA/Glenn
August 1, 2005

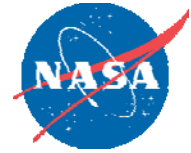


Purpose of the Draft

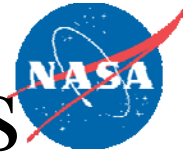
- Put discourse on a firm footing
- Give precise definitions
 - Even if not realizable by a measurement procedure
 - Can clarify what measurement procedures DO measure
- NOT the purpose to define measurements



Status



- -00 Version made available June 21, 2005
- Some light discussion, would like to see more
- Two of the leading issues were outlined in detail on the mailing list along with a planned course of action
 - No feedback on the proposed actions
- Feedback from this IETF meeting to be incorporated into the proposed actions and any minor changes for a -01 version

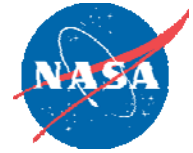


Issue 1: Correctly Received Bits

- Current draft specifies that only correctly received bits at the destination will be counted
- Concern in validating the entire packet
 - Requires inspection and understanding of the higher layers
 - Not practical
- Validity of the entire packet was not the original intent
- Intent was to exclude bits that could not be properly handled at the IP layer
 - Errors at lower layers
 - Failed validation of the IP Header
- Path Forward
 - Better clarify the original intent



Issue 2: Bounding the Time



Interval

- Current draft is vague in regards to:
 - What particular time events refer to
 - Where time events should be measured from
- Path Forward
 - Specify that time measurements be taken at the receiver
 - Text suggesting that measuring at packet boundaries is a good idea?