

Comments conferred to ad-hoc groups

Page Number: 18
Line Number: 5
Item Number: 72

Commentor Name: Myers
William (Bill)

Description of Edit

Insert " A period of unavailable time begins at the onset of ten consecutive SES events based on the following definitions (cite G.826).

Severely Errored Second (SES) is defined as a one-second period which contains (30% errored blocks.

Errored Block (EB): A block is defined as a set of consecutive bits associated with the path. Consecutive bits may not be contiguous in time. A block is typified as data block containing an error detection code for in service performance monitoring. An errored block is a block in which one or more bits are in error."

Reason for Edit:

To define the unavailability start time for availability predictions consistent with ITU standards.

Date Received: 8/2/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 18
Line Number: 37
Item Number: 55

Commentor Name: Duhamel
Robert

Description of Edit

Comment: "Availability in access portion. POTS toll quality at least G826.F1189"
Insert the following:
Minimum Voice Circuit Performance Requirements: The BER value recommended in CCITT G.821 is a minimum value. For speech communication, a value of 1×10^{-6} is considered adequate for excellent quality performance. When the value is worse than 1×10^{-6} , the link is considered to be degraded and maintenance should be initiated to improve the BER. After 10 seconds at a value of 1×10^{-3} , the link is considered to be unavailable (i.e. failed).

Reason for Edit:

Technical expansion to present text.

Date Received: 7/20/99 **Date Resolved:** 5/8/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 19
Line Number: 2
Item Number: 34

Commentor Name: Sanders
Ray

Description of Edit

Change "16E-6" to "1.6E-8"

Reason for Edit:

$2E-4 / 1522 / 8 = 1.64 E-8$

Date Received: 7/28/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes: to CoS/QoS ad hoc

Page Number: 19
Line Number: 4
Item Number: 35

Commentor Name: Sanders
Ray

Description of Edit

Change 5.6E-9 to 7.1E-10

Reason for Edit:

$3E-7 / 53 / 8 = 7.1E-10$

Date Received: 7/28/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 19
Line Number: 8
Item Number: 36

Commentor Name: Sanders
Ray

Description of Edit

Add Note: BER for a BWA system is only one component of a network's end-to-end BER

Reason for Edit:

Further analysis is required to determine definitive error rate requirements for BWA systems. It is not the case that "one size fits all".

Date Received: 7/28/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 20
Line Number: 1
Item Number: 48

Commentor Name: Arunachalam
Arun

Description of Edit

Move sections 6.1 and 6.2 into 6.3.

Reason for Edit:

The present text assumes that QoS and CoS are almost synonymous and classes definition is kept open. In my proposal, the classes defined are service classes that are provided in radio access networks (generic) which will be mapped to various classes of service used by ATM and IP core networks . Thus, present sections 6.1 and 6.2 should be moved to section 6.3 that addresses mapping. The exact mapping will be agreed upon by service providers using SLAs.

Date Received: 7/29/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 20
Line Number: 1
Item Number: 47

Commentor Name: Arunachalam
Arun

Description of Edit

Sections 3 and 4 of contribution (80216sc-99_28.pdf) should be inserted in original section 6.0

Reason for Edit:

The present text assumes that QoS and CoS are almost synonymous and classes definition is kept open. In my proposal, the classes defined are service classes that are provided in radio access networks (generic) which will be mapped to various classes of service used by ATM and IP core networks . Thus, present sections 6.1 and 6.2 should be moved to section 6.3 that addresses mapping. The exact mapping will be agreed upon by service providers using SLAs.

Date Received: 7/29/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes: Conferred to ad hoc group; J. Mollenauer chair

Page Number: 20
Line Number: 42
Item Number: 39

Commentor Name: Sanders
Ray

Description of Edit

Replace the sentence starting with "This form of allocation . . ." with "TDM bandwidth allocation may be performed dynamically to allow for both 1) turning up fixed bandwidth Permanent Virtual Circuits (PVCs) and 2) for dynamically changing bandwidth of a virtual circuit once it has been established."

Reason for Edit:

The use of PHY layer "mini-slots" makes this type of operation feasible and could lead to innovative support for higher level QoS needs.

Date Received: 7/28/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 21
Line Number: 17
Item Number: 40

Commentor Name: Sanders
Ray

Description of Edit

Add "Video on Demand (VoD)" after the word "videoconferencing"

Reason for Edit:

As BWA data rates increase and video compression technology improves, VoD may well become an important service that should be anticipated within the 802.16 standard.

Date Received: 7/28/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 22
Line Number: 14
Item Number: 107

Commentor Name: Jarrett
David

Description of Edit

Change text to
"Minimum Cell Rate (MCR). The minimum cell rate supported by a connection (applies to ABR service only).

Reason for Edit:

The definition of MCR contained currently is not correct.

Date Received: 8/3/99 **Date Resolved:** 8/5/99
Comment Type: Editorial **Resolution Status:** conferred to group
Notes:

Page Number: 22
Line Number: 44
Item Number: 41

Commentor Name: Sanders
Ray

Description of Edit

Add the following paragraph:
"The basic mechanism available within BWA systems for supporting QoS requirements is to allocate bandwidth to various services. BWA systems should include a mechanism that can support dynamically-variable-bandwidth channels and paths (such as those defined for ATM and IP environments)."

Reason for Edit:

To suggest that dynamic allocation mechanisms be explored within MAC and PHY deliberations.

Date Received: 7/28/99 **Date Resolved:** 8/5/99
Comment Type: Technical **Resolution Status:** conferred to group
Notes:

Page Number: 32
Line Number: 1
Item Number: 49

Commentor Name: Arunachalam
Arun

Description of Edit

Add reference to revised M.1079 (June 1999) titled "PERFORMANCE and Quality of Service (QoS) REQUIREMENTS FOR INTERNATIONAL MOBILE TELECOMMUNICATIONS-2000 (IMT-2000)

Reason for Edit:

Add reference

Date Received: 7/29/99 **Date Resolved:** 8/6/99
Comment Type: Editorial **Resolution Status:** conferred to group
Notes: Conferred to QoS group