Comments Processed: Working Group Review of IEEE 802.16.1-00/01r4

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Abstract:

This database report documents the resolution of comments received in the Working Group Review of IEEE 802.16.1-00/01r4. It updates IEEE 802.16.1-00/11 by including the detailed resolution of comments completed at Task Group 1's Session #10.5. The results of this comment resolution are incorporated in the Draft IEEE 802.16.1/D1-2000 . The 22 comments marked "Awaiting resolution" will be carried forward to Session #12.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
1	General			Gupta	Rakesh	Observer	10/29/2000			Awaiting resolution

Description of Edit

A minimal subset of the PHY and MAC layer protocols for both the base station and the subscriber station should be identified and agreed upon for ease of interoperability. It would be quite useful to identify in a single place which are the mandatory and optional parameters, messages and procedures.

Reason for Edit

To facilitate interoperability.

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10

Although this comment has been agreed upon, it will be left pending until the completion of the comment review.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
2	General			Gupta	Rakesh	Observer	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

The TLVs for various parameters should be defined in a single place. This will enhance the readability of the document and will make it easier to reference.

Reason for Edit

To improve readability.

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10

Although this comment has been agreed upon, it will be left pending until the completion of the comment review.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group   TLV's being defined in single place by GS [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
3	General			Gupta	Rakesh	Observer	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Some of the type values used are unique within a message and not across the entire MAC Message set while others are unique across the MAC message set. This may cause problems in the future if some of the parameters which are not unique across the MAC message set are to be used by a new message. All type values should be unique across the MAC message set.

Reason for Edit

To provide for future evolution of the standard.

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10

Although this comment has been agreed upon, it will be left pending until the completion of the comment review. Last phrase of the comment should read "The global type values and other selected type values must be unique across the MAC message set."

Reason for editor's delay following Session #10

referred to group

Notes in Session #10.5

TLV's scope defined in re-organization [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
4	Editorial	2	3	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "Carrier ense" to read "Carrier sense"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
5	General	3	20	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Burst needs to be defined both for uplink and downlink. For example in the downlink we use the concept of TDM burst and TDMA burst. This needs to be defined. (For example TDM burst defn would be along the lines of a set of data being transmitted to one or more users using one set of PHY parameters (modulation, FEC etc. are all the same). Also do we need the concept of TDMA burst any longer.

Reason for Edit

Concept of burst is causing confusion. It needs to be very clear that changing some Phy parameter means that it is a separate burst.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken

Notes in Session #10
Agreed and definition will be provided

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
6	General	3	26	Marin	Scott	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Add definition of Channel ID (used on page 35, line 14), which is apparently different than the CID or replace the term Channel ID with CID, whichever is correct.

Reason for Edit

Confusion: Are the terms "Channel ID" and "CID" different or the same?

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken

Notes in Session #10
Definition of Channel ID will be added

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
7	Editorial	3	47	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert "and imply modulation and FEC" at the end of the sentence.

Reason for Edit
More complete definition

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
8	Editorial	3	49	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
The definitions of Grant Per Connection and Grant Per Terminal are reversed.

Reason for Edit
To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
9	Technical	3	49	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
GPT and GPC definitions are reversed. Also in the GPC (formerly GPT) definition "a connections" should be "a specific connection"

Reason for Edit
Correct discepancy

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
10	Editorial	3	58	Marks	Roger	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "MAC Service Access Point (MSAP)" to "Service Access Point (SAP)" and re-alphabetize this listing.

Reason for Edit
The term "SAP" is more common than "MSAP" in the document, and there is no need to use both.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
11	Editorial	3	62	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Superscript the "m" in "2m".

Reason for Edit
Typo - the "m" is an exponent, not a multiplier.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
12	General	3	62	Condie	Mary	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit
Definition of mini-slot does not match the definition in 2.1.1.2, 2.5.2.1 and 2.6.7.2 (three different definitions). Is it supposed to be 2m or 2 the power of m. Is the range of m 0 to 7 or 1 to 8?

Reason for Edit
To correct inconsistencies.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Mary

Notes in Session #10
The definition should be in a single place. The correct range is 0 to 7.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
mini-slot definitions already cleaned up. [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
13	Editorial	4	1	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert a space between "A" and "group"

Reason for Edit
To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
14	Editorial	4	5	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Start second sentence "For instance with QAM modulation, each"

Reason for Edit
Some future PHYs may not use QAM modulation.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
15	General	4	23	Marin	Scott	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Assuming the following is correct, insert new definition: Service Flow ID (SFID): An identifier for a service flow.

Reason for Edit
SFID is not defined in the definitions or acronym list but is used on page 3, line 29.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
Definition will be clarified by Glen

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
16	Editorial	4	32	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

SS uplink is not used in document, don't understand definition, should be removed.

Reason for Edit

Clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
17	General	5	13	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change definition of "SS" to be "Subscriber Station" and put in proper alphabetical order.

Reason for Edit

To fix a global replace error.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
18	Editorial	5	31	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change definition of EUI to "Extended Unique Identifier"

Reason for Edit

To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
19	Editorial	5	43	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the "Mediaum" to "Medium"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
20	Editorial	5	58	Marks	Roger	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Delete "MSAP MAC Service Access Point".

Reason for Edit
Unnecessary since "SAP Service Access Point" is defined in the same list.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
21	Editorial	7	7	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/14/2000	No change req'd

Description of Edit
change formatting in Figure 1 to allow the word "security" to be read properly

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

formatting does not allow the word to be properly read

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
"Security" appears readable in Frame file

Notes in Session #10.5
See comment

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
22	Editorial	7	10	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/14/2000	No change req'd

Description of Edit
change formatting in Figure 1 to allow the word "architecture" to be properly read

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

formatting does not allow the work to be properly read

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
"Architecture" appears readable in Frame file

Notes in Session #10.5
See comment

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
23	Editorial	7	26	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
add closing parenthesis to Figure title.

Reason for Edit
To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

24	Editorial	8	16	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Add a space after "to" in "toaddress"

Reason for Edit
Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

25	Editorial	8	16	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "toaddress" to "to address"

Reason for Edit
To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
26	Editorial	8	16	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the work "toaddress" to read "to address"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
27	Editorial	8	20	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "andlegacy" to read "and legacy"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
28	Editorial	8	20	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Add space after "and" in "andlegacy"

Reason for Edit
Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
29	Editorial	8	35	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "singleBWA" to read "single BWA"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
30	Editorial	9	5	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit
in Figure 2 change "Fibe r" to read "Fiber"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file   already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
31	Editorial	9	5	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit
in Figure 2 change "righgs," to "rings,"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file   already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
32	Editorial	9	9	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit
in Figure 2 change formatting to enable the word "Constrained" to be properly displayed

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

formatting compresses the last characters in the word

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file   already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
33	Editorial	9	9	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

in Figure 2 change the formatting to enable the word "Radio" to be successfully read

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

formatting currently causes the last several letters of the word to be overprinted

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file   already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
34	Editorial	9	10	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

change in Figure 2 change formatting to be able to read the word "systems" which is now obscured by a graphic

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

graphic overshadows the text

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file   already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
35	Editorial	9	15	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

in Figure 2 change the formatting to enable the word "Radio" to be successfully read

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

current formatting causes the last several letters to be overprinted

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need editable figure file

Notes in Session #10.5
already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
36	Editorial	9	15	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

in Figure 2 change formatting to enable the word "Access" to be successfully read

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

current formatting causes the last several letter to be overprinted

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need editable figure file

Notes in Session #10.5
already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
37	Editorial	9	18	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit
in Figure 2 change "Appcliations" to "Applications"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file   already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
38	Editorial	9	30	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the word "refer" to "refers"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
39	Editorial	9	53	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Add Synchronous Digital Hierarchy and Plesiochronous Digital Hierarchy to section 1.2

Reason for Edit

Reference says they are there, but they're not.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need definitions for these terms, or suggest removing reference set in parentheses

Notes in Session #10.5
Added to Acronymns - common terms [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
40	Editorial	9	54	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

add the definitions of SDH and PDH to section 1.2 as noted in the text or delete the reference to section 1.2

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

document consistency

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
See item 39

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
41	Editorial	10	7	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

delete the last sentence which reads "ATM standards define a rich set of quality of service (QoS) guarantees for various service categories."

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

this sentence is a duplication of the first sentence of the paragraph

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
42	Technical	10	20	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Paragraph should be removed.

Reason for Edit

E.164 addresses are not ATM addresses, even though they may be used by ATM systems. Also the ATM convergence sublayer should not be looking at ATM addresses, although it may map from ATM VPI/VCIs to CIDs.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
43	General	10	50	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

TCP/IP header compression is not mentioned elsewhere in this document. Is it supported?

Reason for Edit

Ask question?

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Remove TCP/IP header compression sentence

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
44	Editorial	11	31	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "802.26.1.1" to read "802.16.1"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
45	Editorial	11	35	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

move the last sentence of paragraph one, "LOS blockage by foliage also contributes heavily to signal attenuation.", to the end of paragraph two on line 40, after "rainfall."

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

place the caveat on signal attenuation close to the statement on radio range

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
46	Editorial	11	47	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the word "azmuthal" to "azimuth"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
47	Editorial	12	47	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "SS stations" to "SSs"

Reason for Edit

"stations" is redundant with the second S in "SS"

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
48	Editorial	13	9	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

move Figure 3 to this location

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

place the figure close to where it is referenced

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
49	Editorial	13	44	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

place a comma after the phrase "(due to rain)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
50	Editorial	14	13	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "(30%" to read "30%"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
51	Editorial	14	13	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
remove opening parenthesis in front of "30%"

Reason for Edit
To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
52	Technical	14	60	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change 300 to 150

Reason for Edit

300 ms is not what is stated in G.114 for end to end (one way) delay. G.114 recommends a 0-150 ms one way delay is acceptable for most user applications. 150-400 ms is "Acceptable provided that Administrations are aware of the transmission time impact on the transmission quality of user applications"

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
53	Editorial	15	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

"see G.114] appears to be extraneous. Is it supposed to be connected to the previous paragraph?

Reason for Edit

Correct typo.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
54	Editorial	15	4	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
delete the large space on lines 5 through 9

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
55	Editorial	15	5	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove blank lines

Reason for Edit
Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
56	Editorial	15	10	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
remove blank lines and have this line start at the end of line 4. Also, change "delay is should" to "delay should"

Reason for Edit
To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
57	Editorial	16	8	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "demandand" to read "demand and"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
58	Editorial	16	10	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Variable Bit: Non-Real-Time Rate" to read "Variable Bit Rate: Non-Real-Time"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
59	Editorial	16	16	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "Higher variations of delay may be tolerable since applications that fall into this category allow for priority traffic to consume bandwidth they do." to read "Higher variations of delay may be tolerable since applications that fall into this category are designed to accommodate delays in the availability of data."

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

clarify the language

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
60	Editorial	16	28	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from ", The X Window System, NFS, Microsoft or Novell File Sharing, etc.)" to read ", The X Window System, Microsoft or Novell File Sharing (NFS), etc.)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct placement of the acronym

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
61	Editorial	16	28	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from ", The X Window System, NFS, Microsoft or Novell File Sharing, etc.)" to read ", The X Window System, Microsoft or Novell File Sharing (NFS), etc.)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct placement of the acronym

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
62	Editorial	16	54	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from "system,ATM" to "system, ATM"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
63	Editorial	16	55	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "TheATM" to read "The ATM"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
64	Editorial	17	6	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "The aspect of" to "The aspects of"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
65	Editorial	18	34	Mollenauer	Jim	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change acronym for Convergence Sublayer to CS from CL, here and wherever else used. Also change definition of CS from Convergence Subprocess to Convergence Sublayer

Reason for Edit

Consistency of usage

Resolution in Session #10 accepted　　　　**Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10　　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
66	Technical	19	5	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

change the figure to include a direct link from the "Other Conv." layer directly to the PHY by removing the shading on a portion of the MAC and TC layers below the "Other Conv." column.

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

to be consistent with the text on page 58, line 43

Resolution in Session #10 accepted　　　　**Action Item Assigned To:** Jim

Notes in Session #10
Fix the drawing in Figure 5 to show a single SAP for all the CLs

Reason for editor's delay following Session #10
Figure 5 to be revised?

Notes in Session #10.5
already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
67	Technical	19	10	Marks	Roger	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

Modify Figure 5 by showing the "SAP" directly below each convergence layer. In other words, create four copies of the SAP logo (the word "SAP" inside a hexagon; the hexagons should be smaller than the current one) and put a copy below each of the four convergence layer rectangles.

Reason for Edit

The current figure shows the SAP only as related to two of the convergence layers. In fact, it should be an element of all four.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Fixed differently in previous comment

Reason for editor's delay following Session #10

Figure 5 to be revised?

Notes in Session #10.5

already done [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
68	Editorial	20	7	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording "it is necessary to.to keep" to read "it is necessary to keep"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
69	Technical	20	21	McMullin	Rod	Observer	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Add the sentence, "Sequence number 0xFFFFFFFF shall be used for unsolicited responses."

Reason for Edit

There is an extremely rare possibility that the sequence number used in an unsolicited response is the same as the sequence number that a node is waiting to receive a 'solicited' response to. We can roll the dice (do nothing) , pick a unique sequence number for unsolicited responses, add a new entry to the request primitive...

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken

Notes in Session #10

Correct wording should be provided to avoid confusion. This is a logical interface, and no implementation is being defined.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
70	Technical	20	48	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

The primitives should have a fragmentation granularity parameter. This should also be a connection parameter.

Reason for Edit

For some connections, it may be reasonable to restrict MAC layer fragmentation to something other than byte boundaries. For example, a connection the carries ATM cells with header compression may restrict the fragmentation to multiples of 48 bytes.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
71	Editorial	20	51	Leiba	Yigal	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Add to the MAC-CREATE-CONNECTION.request primitive a field called 'ARQ parameters'. The ARQ parameters include detials on whether ARQ is used or not for the connection, maximum re-transmission limit and acknowledgment window size.

Reason for Edit

This comment has been resolved as accepted (see IEEE 802.16.1-00/09 item 49 at page 10), but is missing from the current version of the draft.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Should this appear aligned with "service type"? Above "service type"? Below?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
72	Technical	20	51	Leiba	Yigal	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

Add to the MAC-CREATE-CONNECTION.request primitive a field called 'fragmentation'. The values for this field can be ON or OFF, and indicate the fragmentation is used in this connection

Reason for Edit

Compatibility with the definition in page 123, line 54 of the draft, that says 'The authority to fragment a traffic on a connection is defined when the connecion is created by a MSAP.'

Resolution in Session #10 referred to group   **Action Item Assigned To:** Carl

Notes in Session #10
Section should be fixed to show that all connections need fragmentation

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group—AI response needs to specify where Table should be inserted; the comment "On line 54…" looks incomplete.   added the fragmentation text to this message in 6.1.1.1.2 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
7 3	Editorial	21	34	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the sentence to delete the "..)" characters after the words "connection ID"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
7 4	Editorial	21	38	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the word "potion" to "portion"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
75	Technical	21	54	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit

The MAC-CREATE-CONNECTION.indication should have a connection ID in the case where the .request was generated by the BS.

Reason for Edit

Convergence sublayer on the CPE needs to get the connection ID.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Yigal, Ken, Yair

Notes in Session #10

It also has to include other parameters

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
76	General	22	1	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit

The paragraph is inconsistent with the fact that the MAC-DATA.request primitive on page 26 shows an encryption flag. The question arises as to whether the MAC retains such information about the connections or if the CL must tell it for every PDU. Since these primitives are just a logical internal interface, not a required set of messages it doesn't really matter which way we go, as long as the BS and CPE both have the same info through the provisioning or dynamic addition of connections, we just need to be consistent.

Reason for Edit

Consistency

Resolution in Session #10 referred to group   **Action Item Assigned To:** Yigal, Ken, Yair

Notes in Session #10

It should be included in the data connection establishment attributes, but not in the data transfer attributes.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
77	Editorial	22	15	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove "from"

Reason for Edit
Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
78	Editorial	22	15	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change; "When the CL this primitive from ," to, "When the CL receives this primitive,"

Reason for Edit
text is garbled

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
79	Technical	22	21	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "... CID contained in the INDICATION." To "...CID contained in the DSA header bearing the indication."

Reason for Edit
There is no CID attribute in the INDICATION primitive and not sure it make sense to put one there...

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
80	Technical	22	45	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove; "ARQ parameters"

Reason for Edit

There is nothing in the request primitive to balance the ARQ response, unless the CRCrequest really means ARQrequest. Probably best to negotiate ARQ through service flow parameters.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Left out by mistake. Editorial comment by Yigal will take care of this.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
81	Technical	22	49	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change; "then this value shall be NULL." To, "then this value shall be ignored."

Reason for Edit

The representation of NULL could be an issue; table 1 indicates that CID would be typed as an unsigned 16 bit integer, and all values are defined. It is safe to ignore the CID based on the "response code".

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
82	Technical	26	30	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit

Need "Convergence Sublayer Pass Through (CPT)" parameter both here and in the .indication primitive on page 27.

Reason for Edit

See my submittal on the ATM convergence sublayer for why this might be useful.

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

It will be solved once the CLs are defined.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Unresolved

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
83	Technical	27	21	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

The primitive should contain a packet discard eligibility flag like the .request had. There may be upstream points where non-conforming packets may need to be discarded in congestion scenarios.

Reason for Edit

Need end-to-end packet discard eligibility to support ATM and other traffic types.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
84	Technical	27	29	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

This primitive should not contain an encryption flag. Also delete paragraph starting at line 42.

Reason for Edit

Data is already decrypted by this point.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
85	Editorial	27	59	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Chapter 2 should start on a new page

Reason for Edit

New chapters and main sections should start on a new page for clarity.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
86	Editorial	28	25	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "unsolicitied" to "unsolicited"

Reason for Edit

correct typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
87	Editorial	28	28	Marin	Scott	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "cidused" to "used"

Reason for Edit
typo

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10 **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
88	Editorial	28	29	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "cidused" to "used"

Reason for Edit
To fix a typo

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10 **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
89	Editorial	28	29	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "can be cidused" to "can be used"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10 **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
90	General	28	40	Marks	Roger	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Delete everything from Line 40 of Page 28 to the middle of Line 12 of Page 30 (through the words "quantities are").

Reason for Edit

This section was inappropriately included in the document. It was tentatively edited in on the basis of Comment #58, but since Comment #58 was Unresolved, it should not be included (see documentation in IEEE 802.16.1-00/09: 802.16.1 Comments Resolved at Session #9 <http://ieee802.org/16/tg1/docs/802161-00_09.pdf>).

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need to discuss with group—many suggested edits are affected if this is done.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
91	Editorial	28	46	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Qconnection iduality" to "QoS connection"

Reason for Edit

Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
92	General	29	6	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

This paragraph, wrt the number of mandatory connections, contradicts section 2.1.2. Which is correct?

Reason for Edit

Reduce confusion.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10

Still needs a Service Flow definition. Text is misplaced.

Reason for editor's delay following Session #10

referred to group

Notes in Session #10.5

See item 90

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
93	Technical	29	12	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Throughout the document either change occurrences of Primary CID to Basic CID or change Basic CID to Primary CID

Reason for Edit

Throughout the document the terms Primary CID and Basic CID are used to refer to the same CID. Only one term should be used. The term chosen for CID (primary or basic) should also be used to refer to the corresponding service flow.

Resolution in Session #10 accepted   **Action Item Assigned To:** Glen

Notes in Session #10

Text is misplaced.

Reason for editor's delay following Session #10

Clarify which change should be incorporated

Notes in Session #10.5

See item 90

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
94	General	29	18	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
I thought the Basic/Primary CIDs were only used for MAC msgs, not data?

Reason for Edit
Ask question

Resolution in Session #10 accepted

Action Item Assigned To: Glen

Notes in Session #10
Glen is already rewriting the paragraph.

Reason for editor's delay following Session #10
Paragraph being rewritten

Notes in Session #10.5
See item 90

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
95	General	29	21	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
MAC sublayer domain is used many times in this document and is not defined. A definition needs to be added.

Reason for Edit
To reduce confusion. Later in the document values are unique within the "Mac sublayer domain". We need to understand the scope.

Resolution in Session #10 referred to group

Action Item Assigned To: Glen

Notes in Session #10
Definition will be added

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
See item 90

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
96	Technical	29	22	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "14 bits" to "16 bits" and remove "(athough the Connection ID is sometimes carried in the low-order bits of a 16-bit field)

Reason for Edit
CID is defined throughout the document as a 16-bit identifier, not 14-bit.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
97	Editorial	29	38	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Change 5.4.1.3 to 2.6.7.2. Table references should also be corrected.

Reason for Edit

To correct an invalid cross-reference. However I am not absolutely sure this is the correct new reference.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need to confirm correct cross reference (see "Reason for Edit")

Notes in Session #10.5
See item 90

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
98	Editorial	29	39	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove "2000-04-14 IEEE 802.16.1mc-00/14r0" from the end of the paragraph.

Reason for Edit

Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
99	Editorial	29	56	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Section header number is incorrect.

Reason for Edit

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Clarify

Notes in Session #10.5
See item 90

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
100	Technical	29	57	Gupta	Rakesh	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

There are separate bit transmission procedures defined for the upstream and downstream. There is no technical reason that they should not be the same. It is proposed that the text in the first three paragraphs of this section be replaced by the following text: "Within the MAC layer, when numeric quantities are represented by more than one byte (i.e., 16 bit and 32 bit values), the byte containing the most significant bits is the first transmitted. This is sometimes called byte-big-endian order. Since all the parameters consist of integral number of bytes, the MAC messages can be considered as a stack of bytes. The first byte transmitted is the one at the top of the stack and the last one at the bottom. Within each byte the bits are transmitted with the most significant bit first."

Reason for Edit

To have a consistent message transmission procedures in both the upstream and downstream.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
See page 59

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
101	Editorial	30	49	Marin	Scott	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Each SS shall maintain a 48-bit MAC address for globally unique addressing purposes." to "Each SS shall have a globally-unique 48-Bit MAC address."

Reason for Edit

improved clarity of the requirement.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
102	Editorial	30	57	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "IDs" to "ID" and change "are" to "is".

Reason for Edit
To fix a typo in the restructuring of this sentence from the last round of comments.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
103	Editorial	31	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "likeIP" to "like IP"

Reason for Edit
correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
104	Editorial	31	1	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "likeIP" to "like IP". On line 2, change "CIDpermits" to "CID permits". On lines 2, 6, 12, and 19, the word "CID" always has an extra space preceding it.

Reason for Edit
To fix typos

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
105	Editorial	31	1	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "traffic likeIP" to read "traffic like IP"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
106	Editorial	31	2	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "CIDpermits" to "CID permits"

Reason for Edit
correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
107	Editorial	31	2	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "16-bit CIDpermits a" to "16-bit CID permits a"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
108	Editorial	31	3	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "the downstream channel" to "each downstream and upstream channel"

Reason for Edit
clarity

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
109	Editorial	31	21	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "having" to "have"

Reason for Edit
correct typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
110	Technical	31	26	McMullin	Rod	Observer	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

Reserve a block of CIDs for future use.

Reason for Edit

No CIDs have been assigned for Multicast Traffic in the downstream. This will make it difficult to support convergence requirements for IP multicast. (The security section makes reference to IP multicast traffic and offers some services; e.g. Section 2.16.2.2.15, page 256.)...perhaps there are other reasons to reserve a few CIDs.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken, Carl, Glen

Notes in Session #10

Text should be added explaining how multicast connections are set-up.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
111	Technical	32	11	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add DCD Interval to table

Reason for Edit

PCD was broken into UCD and DCD.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Max. value is 2 sec.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
112	Technical	32	13	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert new row, "DCD Interval, Time between transmission of DCD messsages" with maximum value of 2 seconds.

Reason for Edit

Interval is currently undefined.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
113	Editorial	32	17	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

remove the extra ")" after the work "future" in the table entry under time reference

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
114	General	33	40	Leiba	Yigal	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Timing values are referenced to symbol duration. This is PHY dependant, and may not suit an OFDM PHY for instance.

Reason for Edit

Make MAC suitable for use with PHY other than QAM

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Remove the "Tick" word from figure 55, on page 118. Remove definition of Timebase tick. Change the minimum value of Mini-slot size to 1 PS. Replace text in parenthesis by "in PSs".

Reason for editor's delay following Session #10   **Notes in Session #10.5**
"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
115	General	33	41	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Minimum Mini-slot size is defined as 32 modulation symbols. However according to sections 2.1.1.2 and 2.6.7.2 the minimum size should be either 4 (4 symbols * 2 power 0) or 8 (4 symbols * 2 power 1). If the true minimum is 32 symbols then "m" should have a minimum value of 3.

Reason for Edit

To correct discrepancies.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
116	General	34	44	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

We need to be certain that all necessary TLVs are here, and that there aren't any TLVs here that aren't in some message. In general, were inconsistent with where we define TLVs. We define some here, some with the individual messages in the MAC message section, some in the privacy section. I think we need a more consistent methodology for defining and referencing the defined TLVs.

Reason for Edit

Eliminate confusion

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken

Notes in Session #10

TLVs should be defined in a different section.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
117	Editorial	34	49	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from "i.e. the containing the" to read "i.e. containing the"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
118	Editorial	34	49	Mollenauer	Jim	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
insert "byte" before "containing"

Reason for Edit
To correct a typo.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
119	Editorial	34	61	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Delete extra space before comma.

Reason for Edit
To fix a typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
120	Editorial	35	3	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "SS.It" to "SS. It"

Reason for Edit
correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
121	Editorial	35	3	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add a space between first and second sentences.

Reason for Edit

To fix a typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
122	General	35	3	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from "receive frequency to be used" to read "receive frequency is to be used"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
123	General	35	19	Marin	Scott	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Assuming the subsequent statement is correct, insert new sentence
after sentence ending in "... selected during initialization." that
reads "Note, the channel ID and the CID are different terms."

Reason for Edit

clarity

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Acronym "ChID" for Channel ID should be added

Reason for editor's delay following Session #10
Added; should ChID replace instances of "Channel ID" in text of
document?

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
124	Technical	35	19	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert "The upstream channel id is unique within the downstream
channel only."

Reason for Edit

Clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
125	Technical	35	62	Leiba	Yigal	Member	10/29/2000			Awaiting resolution

Description of Edit

Remove the downstream modulation configuration field from the configuration file.

Reason for Edit

Specifing the downstream modulation alone is not compatible with the concept of IUC. The information contined in this field should be obtained from listenting to the DCD messages.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Mary

Notes in Session #10
Text will be rewritten

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
126	General	37	3	Condie	Mary	Member	10/29/2000			Awaiting resolution

Description of Edit

Privacy is enable/disabled on a per connection basis. If this is a global flag then the paragraph should be reworded as follows, otherwise the section should be deleted. This configuration setting enables/disables Privacy on the Primary Service flow and all other service flows which have been configured for encryption.

Reason for Edit

Clarity

Resolution in Session #10 referred to group   **Action Item Assigned To:** Sergio, Carl

Notes in Session #10
Concept of Privacy should be splitted into Encryption and Authentication. Encryption-switch should be made on a per terminal basis. The concept should be clarified throughout the document.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group—Incomplete "Notes"

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
127	Editorial	37	18	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "code 43" to "type 43"

Reason for Edit
Consistency

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
128	Editorial	37	19	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
delete the extra empty line

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
129	Editorial	37	21	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "to which vendors products" to read "to which vendor's products"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
130	Technical	38	13	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace "directory path name" with "directory path name which is a character in a format appropriate to the server. There is no requirement that the character string be null terminated; the length field always identifies the end of string."

Reason for Edit

Clarity

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Sentence should read: "...directory path name which is in a format appropriate to the server. There is no requirement that the character string be null terminated; the length field always identifies the end of string."

Reason for editor's delay following Session #10   **Notes in Session #10.5**

131	Editorial	38	25	Hunter	Wayne	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

include the definition of MIB either in the text stream or in the glossary

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

MIB has not been defined

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need definition

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
132	Editorial	39	24	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "ip1,ip2,ip3,ip4" to "IP Address"

Reason for Edit
Field is now 4 or 16 bytes and new definition matches other IP address definitions in document.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
133	Technical	40	11	Simard	Francois	Neither	10/29/2000	12/14/2000	12/15/2000	Updated

Description of Edit
For each "feature bit" in sub-sections 2.3.3.1.3 to 2.3.3.1.6 inclusively, specify what bit values represent "Not allowed" and "Allowed" values. For example: bit #0: QPSK, 0 - Not allowed, 1 - Allowed

Reason for Edit
For each "feature bit" in sub-sections 2.3.3.1.3 to 2.3.3.1.6 inclusively, it is not clear what bit values represent "Not allowed" and "Allowed" values.

Resolution in Session #10 accepted-modified

Action Item Assigned To: Mary, Yigal

Notes in Session #10
We need to make it generic by addind a PHY layer TLV with the supported modulation TLVs and FEC TLVs (needs to be added) by each PHY type.

Reason for editor's delay following Session #10
Need more detailed description of suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
134	Technical	40	15	Leiba	Yigal	Member	10/29/2000	12/14/2000	12/15/2000	Updated

Description of Edit

The SS modulator and SS demodulator fields are not enough to describe the capability of a station. Another pair of TLVs should be added to describe ECC capability. Alternatively, the existing TLVs can be expanded to describe modulation and ECC combinations supported. The following encoding could be used, Bit #0: QPSK Bit #1: 16-QAM Bit #2: 64-QAM Bit #3: RS Bit #4: RS + Parity Bit #5: RS + BCC Bit #6: BTC

Reason for Edit

Specifing the modulation alone is not compatible with the concept of IUC.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
See item 133

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
135	Technical	40	31	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert bit #3: TFM Change bit #4-7 reserved must be set to zero.

Reason for Edit

Define TFM as an additional modulation type that can be supported by the SS.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
136	General	40	36	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

FDD (burst downstream) and Half-Duplex FDD are now one mode, and therefore should have one value in the TLV value field.

Reason for Edit

Correct an inconsistency in the draft

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Change bit #2 to be TDD, and add bit #3 to the reserved list

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
137	Editorial	41	36	Hunter	Wayne	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

provide acronyms to support future use of the terms DSA, DSC, and DSD

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

completeness

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Done; replace terms with acronyms throughout document when they appear in text?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
138	Editorial	41	45	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the text from "the all of the Dynamic" to read "all of the Dynamic"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
139	Technical	41	64	Mollenauer	Jim	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

The fields mentioned in the text (line 59) are not indicated here.

Reason for Edit

TLV description does not match the text description.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Delete "A summary of" from line 59. Also the second sentence: "The fields.." should be deleted. Add in the parenthesis, after 20, the word "byte".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
140	Editorial	42	26	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the text from "order, i.e., the containing" to read "order, i.e. containing"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
141	Editorial	42	36	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from "complex in that is composed" to read "complex in that it is composed"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
142	Editorial	42	51	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "complex in that is composed" to read "complex in that it is composed"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
143	Editorial	45	35	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording from "Flow Encoding that specifies" to read "Flow Encoding as described and defined in Table 3 that specifies"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

insert reference to the table

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
144	Editorial	46	6	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "Sect" to "Set"

Reason for Edit
Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
145	Editorial	49	41	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove "Bit #2 Reserved Bit #3 Reserved"

Reason for Edit
Doesn't make sense

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
146	General	52	26	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
Again, we have an inconsistency in how and where we define
TLVs. This section needs to at least reference the privacy section
where the TLVs are defined. As it stands it's a worthless section.
Preferably, we need a consistent approach to TLVs to make certain
we don't overload type values when the context doesn't keep the
overloading from creating ambiguity.

Reason for Edit
clarity and consistency

Resolution in Session #10 accepted-duplicat

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10
Change or remove "section"?

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
147	General	53		Eklund	Carl	Member	10/29/2000			Awaiting resolution

Description of Edit

I think there is a problem with the initial IP connectivity establishement. The SS only has a temporary CID at the time. This CID is used to transport both management and transport PDUs (the DHCP request can be considered a transport PDU). How can we tell these apart? Do we need to tunnel these messages in MAC management message?

Reason for Edit

Resolution in Session #10 referred to group

Action Item Assigned To: Ken,Glen,Mary,Carl Y

Notes in Session #10

A section describing the Management Functions must be created, and the Task Group will relocate messages to this area. A method for doing the management has to be created. The Temporary CID concept has been removed, and Basic and Secondary CIDs must be established from the beginning. Ken, Glen, Mary, Carl and Yigal will be part of the Task Group.

Reason for editor's delay following Session #10
referred to group—Incomplete "Notes"

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
148	Editorial	53	21	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "below:" to "below and encoded as per RFC-2131"

Reason for Edit

clarity

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
149	General	54	20	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

""field in s" and "Value is from one to 254 s" don't make sense. I am
not sure of what it is supposed to say so can't offer suggested fix.
Should "s" be "bytes"?

Reason for Edit

Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10
bytes is correct

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
150	General	55	7	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

These items in the configuration file should reference the section in
which they're defined.

Reason for Edit

clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Ken

Notes in Session #10
Part of the TLV fixing

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Clarify—How best to incorporate?   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
151	Technical	55	16	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

delete lines 16-20. Add convergence Sub-Layer Configuration
Settings to the Service Flow Configuration Settings

Reason for Edit

The convergence sub-layer configuration settings will most
likely change on a connection by connection basis and
should be part of the service Flow Configuration Settings as
necessary for the particular type of connection.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10
Deletion of line OK. CLs settings will be solved by Ken with the TLVs.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Clarify—Where to "Add Convergence Sub-Layer Settings"?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
152	?	55	35	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove; "SS ethernet MAC address"

Reason for Edit

The very first time an SS registers it needs to provide the its
ethernet MAC address in the initial ranging request. Thus, the
EUI needs to be installed before receiving the configuration
file. This Section would also require a factory installed EUI to
be overwritten by a configuration file setting.

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
153	General	55	35	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Can an SS be told its Ethernet MAC address or is this just here for identification?

Reason for Edit
redundant info?

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10
Delete line 35

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
154	Technical	55	36	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove, "Maximum Number of SSs"

Reason for Edit
The, "Maximum Number of SSs", is not relevant to an SS. What would an SS do with this number?

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
155	Editorial	55	37	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
delete "Maximum Number of SSs"

Reason for Edit
It's an old TLV we already removed from section 2.3.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
156	Technical	55	39	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

These items in the configuration file should reference the section in which delete Payload Header Suppression

Reason for Edit

This should be activated on a connection by connection basis and therefore should be part of the Service Flow Configuration Settings

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Delete "Payload Header Supression". Other part of comment is redundant.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
157	Editorial	55	49	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

insert a blank line between line 49 and 50

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
158	Technical	58	43	Varma	Subir	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the contents of Section 2.5 of the document 802161-00/01r4 by the contents of Section 4.1 of the document 802161c-00_11

Reason for Edit

See the contents of Sections 2.1 and 2.2 of the document 802161c-00_11

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Features are already supported through another mechanism more efficiently.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
159	Editorial	58	52	Mollenauer	Jim	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete this sentence.

Reason for Edit

The use of the CRC is explained more fully on page 59, line 27.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
160	Editorial	58	52	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

delete this line

Reason for Edit

It is redundant with the more correct description on page 59, line 26.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
161	Technical	58	53	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove sentence: A 32 bit CRC ....

Reason for Edit

Incorrect statement. Only connection with CRC specified add the CRC.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
162	General	59	1	Hunter	Wayne	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Does the transmission order of the data refer to the base station, subscriber station, or both?

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

statement needs clarification as to where it applies

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
No edit suggested

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
163	Technical	59	16	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Convergence Sub-layer header in Figure 12 should include "(if required by CS)"

Reason for Edit

Not all convergence sublayers will have Convergence Sublayer headers, and when they do, they will be specific to the individual convergence sublayer.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Replace figure 17 with Figure 12 including the text above mentioned, and Figure 18 with Figure 12, with modifications removing CRC and changing CL Header with Management message type. Replace Figure 12 with a simplified version of figure 12 without CL part of the figure.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
164	Technical	59	26	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

The CRC should be applied to MAC PDU fragments.

Reason for Edit

The FSM field already signals the loss of fragments, so an entire MAC PDU CRC is unnecessary. Also, ARQ needs a per fragment CRC to be most efficient.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Carl

Notes in Session #10

This applies to the PDU, and not to the SDU. Definition of PDU has to be clarified in the document, and the correct use of PDU and SDU has to be looked out through the document.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
165	Editorial	60	2	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Add "The field definitions are provided in Table 5".

Reason for Edit
clarity

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
166	Technical	60	16	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit
use at least 3 of the reserved bits in the header (also downlink header on page 61) for Convergence sublayer Pass Through (CPT) bits.

Reason for Edit
Can eliminate convergence sublayer headers when only a small amount of information needs to be passed.

Resolution in Session #10 unresolved

Action Item Assigned To:

Notes in Session #10
Deferred after CL discussions.

Reason for editor's delay following Session #10
Unresolved

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
167	Technical	60	16	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
Use one of the reserved bits in the header (also downlink header on page 61) for a packet discard eligibility (PDE) bit.

Reason for Edit
many protocols support tagging packets that can be thrown away at congestion points. The MAC should support passing this type of information along.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10
Favour: 6, Against: 4

Reason for editor's delay following Session #10
Need more detailed description of suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
168	Editorial	61	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "Mangament" to "Management"

Reason for Edit
Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
169	Technical	62	19	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
Add CPT and PDE to the table.

Reason for Edit
Assuming the comments to include them into the header are accepted.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Deferred CPT and Accepted PDE

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need more info: "Length" and "Description" fields?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
170	Editorial	64	1	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert a space between the sentences

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
171	Editorial	64	19	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the phrase "control and checksum fields" with "control field". Replace the second sentence with the following sentence: "Additionally, the MAC PDU CRC must be enabled for the connections on which ARQ is enabled." In the next sentence change "control field" to "ARQ control field".

Reason for Edit

clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
172	Editorial	64	34	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Before the last sentence, add the sentence: "The internal format of the CS payload is unique to the CS, and the MAC is not required to understand the format of or parse any information from the CS payload.

Reason for Edit

clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
173	General	65	1	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Clarification is needed here. Does this requirement mean that the SS must have two software routines running in parallel to monitor logical channel assignments or two independent RF channels to read MAC management messages. See also page 83, line 65, and page 84, line 1.

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

the current description does not make clear the messages are to be dealt with

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10

Transport Connection and Management Connection have to be included in the definitions part.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
174	Technical	65	5	Eklund	Carl	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Correct figure to 18 to include separate DL and UL message formats.

Reason for Edit

The current figure only reflects the UL situation correctly.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

After replacing figure, modify text to "Generic UL or DL MAC Header"

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need editable figure file

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
175	Editorial	65	5	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change 'Generic header' in figure 18 to 'Generic MAC header'

Reason for Edit

Consistency with figure 17 in the previous page

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
176	Technical	65	50	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit

The REG-REQ, REG-RSP, REG-ACK, PKM-REQ, and PKM-RSP messages should all be on the secondary management CID. Additionally, provisioning of connections, whether at SS initial access or dynamic, should happen over the secondary management CID, while actual connection state changes could happen over the Basic CID.

Reason for Edit

The concept of a basic CID and a secondary management CID separate from the user data CIDs is in the system for a reason. It was agreed that there are small, quick response messages (power adjustment, etc) that must be handled quickly but are short enough to not threaten the QoS of other connections (Basic CID). There are also higher level management messages that tend to be larger and more delay tolerant such as configuration file TFTP, SNMP, etc (secondary management CID). After meeting 7.5(?) in Boulder, there was an action to divide up management messages between these two categories, but it never happened.

Resolution in Session #10 referred to group

Action Item Assigned To: Ken et. al.

Notes in Session #10

Referred to Management Task Group

Reason for editor's delay following Session #10

referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
177	Editorial	66	23	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the word "DMC" to "DBTC"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct incorrect message name

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
178	Editorial	66	27	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove the four from 245-255

Reason for Edit
Editorial mistake

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
179	Editorial	66	33	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
After "periodic interval" insert "(see Table 2)"

Reason for Edit
clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
180	General	67	2	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
a descriptor label is missing after the number "1"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

missing units

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
181	Editorial	67	2	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "each 1 long" to "each 1 byte long"

Reason for Edit
Insert missing word

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
182	General	67	5	Leiba	Yigal	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
The contents of the 'MAC Management Header' in figure 19 is not explained anywhere in the document. Probably slipped somewhere along the way.

Reason for Edit
A missing detail that should be explained.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Sergio

Notes in Session #10
Figures have to be replaced by Tables, starting with the Management Message Type.

Reason for editor's delay following Session #10
Clarify

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
183	Technical	68	29	Lindh	Lars	Member	10/29/2000			Awaiting resolution

Description of Edit
Delete the Preamble Pattern entry from Table 7

Reason for Edit
IEEE 802.16.1 meeting #9 made a decision to adopt a CAZAC sequence for the uplink preamble pattern

Resolution in Session #10 referred to group   **Action Item Assigned To:** Yigal

Notes in Session #10
A "Preamble Pattern Repetition" parameter should be added instead. Length 1 byte. Description will be provided (MAC_pattern_TLV.txt).

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
184	Technical	68	49	Lindh	Lars	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
Insert the SS transition gaps CTG in Table 7

Reason for Edit
CTG must be defined somewhere and the most logical place is to define it in Table 7 together with the Tx/Tx and Rx/Tx gap.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10
Units are PS.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
185	Editorial	69	1	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Move Table 8 to Section 2.5.4 and insert reference to it in section 2.5.4

Reason for Edit

Table 8 is not referenced anywhere in the document and it is very confusing where it is.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need more detailed description of suggested edit—where in section should figure and reference be inserted?

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
186	Editorial	69	9	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Indicate that the UIUC is 4 bits in length in the table.

Reason for Edit

In this section the UIUC is defined, but is only listed as 4 bits in length for the burst descriptor encoding. Either the length has to be mentioned for all occurrences of UIUC in this document or the length needs to be defined when the field is defined.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need more detailed description of suggested edit—should this be indicated in table header? Where and how should it appear?

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
187	Technical	69	19	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change names of "Data Grant n" to "Data Grant Type n"

Reason for Edit

This area is quite confusing. It appears as if there can be only 6 data grants for the uplink. In reality, these are types of data grants, not data grants. These fields should be renamed throughout the document. In fact it might be better to change the name to "Data Grant Burst Type" to match the downlink.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Replace all "Data Grant" ocurrences by "Data Grant Burst Type". Table 8 and elsewhere.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
188	General	70		Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

After interval" insert "(see Table 2)

Reason for Edit

clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

On line 40, after the word "interval", add reference to Table 2

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
189	Technical	70	5	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Bit numbers need to be added to the figure. In addition, the definition of the bits after the UIUC need to be defined since the UIUC is only 4 bits.

Reason for Edit

Clarity

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Add a 4 bit reserved field before the UIUC

Reason for editor's delay following Session #10   **Notes in Session #10.5**

How exactly should this appear in the document?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
190	Editorial	70	32	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change reference to table 13 to be reference to table 8.

Reason for Edit

Table 8 and 13 are duplicates. Another comment has suggested removal of table 13.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
191	Technical	70	42	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove the sentence, "A separate DCD message shall be transmitted for each active down-link."

Reason for Edit

...hoping this is a cut and paste problem. The remainder of the document implicitly associates 1 downstream channel with a single instance of the .16.1 MAC. If the intention is to support a single instance of the MAC with more than one downstream channel this should be clarified. If the intention is to tell SSs of other downstream channels (MAC instances) available in a given sector, the frequency should be included in the message to assist SSs in finding the other channels. (if multiple DCDs are received, to be sure of what the current downstream channel is, the SS needs to look at the Downlink Channel ID in the UCD message and associate it with a given DCD)

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
192	Editorial	71	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Move Table 9 to section 2.5.2.1

Reason for Edit
To reduce confusion

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
193	Technical	71	7	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert 4=TFM

Reason for Edit

Define TFM as an additional modulation type in Table 9, Uplink Physical Layer Burst Profile.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Comment 555 rejected

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
194	Technical	71	9	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete the entries Differential Encoding, Preamble Length and Preamble Value Offset from Table 9.

Reason for Edit

According to decisions made on IEEE 802.16.1 #9 they are not needed

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
195	Technical	72	16	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

delete the three parameters "BTC Row code shortening", "BTC Column code shortening", and "BTC Product code shortening bits"

Reason for Edit

Burst profiles are relatively static definitions, but the shortening of codewords is very dynamic (on a burst-by-burst basis). The degree of shortening needed by each burst changes depending on the actual MAC message length and the allocated burst size. The amount of shortening should be calculated from the Upstream MAP.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
196	General	72	30	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Why does the SS need to know the guard time size? When slots are allocated by the base station, do they include the guard slots and therefore the SS must calculate the slots to be used for data and the slots to be reserved for guard? This needs to be clearly specified in the document.

Reason for Edit

Clarity

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Move the parameter to Table 7. Call it STG (this is the same as the CTG that was added in a previous comment). Add a comment: "The SS must take this into account when it is determining the length of the burst".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
197	Editorial	73	1	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
After "channel ID", add "and configuration change count". On the next line, change "1 long" to "1 byte long".

Reason for Edit
Accuracy and fix a typo.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
198	Editorial	73	42	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "UCD" to "DCD" and remove the following sentence from line 44; "This value is also referenced from the UL-MAP messages."

Reason for Edit
The text is a cut-and-paste from the UCD description; changes tailor it for the DCD.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
199	Editorial	73	44	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Delete the last sentence.

Reason for Edit
This parameter is not referenced in the UL-MAP, the one from the UCD message is. This is a cut and paste error resulting from when the PCD was broken into the UCD and DCD messages.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
200	Editorial	74	11	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change 'dB' to 'dBm'.

Reason for Edit

Fix typo.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
201	Technical	74	13	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete the Roll off factor row from the table.

Reason for Edit

The SS must know the roll off factor a priori to be able to acquire the downlink.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
202	Editorial	74	28	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace "reserved" with "TDM Burst Type 1".

Reason for Edit

Per Jeff's comment that was accepted last meeting, but didn't make it into the table.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
203	Technical	74	40	Varma	Subir	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Add the row in Table 3 of Section 4.2 of the document
802161c-00_11 to Table 11 of the document 802161-00/01r4

Reason for Edit
See the contents of Section 2.2 of the document
802161c-00_11

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
No specific ARQ mechanism has been agreed upon.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
204	Editorial	75	2	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "IUC" to "DIUC". Make same change in line 29.

Reason for Edit
Typo - incomplete implementation of previously accepted comment.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
205	Technical	75	5	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
Bit numbers need to be added to figure 22. In addition, the
definition of the bits after the DIUC need to be defined since the
DIUC is only 4 bits.

Reason for Edit

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
4 bits will be added before the DIUC

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
206	Editorial	75	26	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Indicate that the DIUC is 4 bits in length.

Reason for Edit

The DIUC is used in a number of msgs but the length is only mentioned for the downlink burst descriptor.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Line 26 is a blank space. Asking to add a new sentence reflecting suggested edit?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
207	Editorial	75	32	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

delete lines 32-44.

Reason for Edit

These were replaced with the last two TLVs in table 12 on page 76.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
208	Technical	76	30	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

delete the three parameters "BTC Row code shortening", "BTC Column code shortening", and "BTC Product code shortening bits"

Reason for Edit

Burst profiles are relatively static definitions, but the shortening of codewords is very dynamic (on a burst-by-burst basis). The degree of shortening needed by each burst changes depending on the actual MAC message length and the allocated burst size. The amount of shortening should be calculated from the Downstream MAP.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

It has already been removed from US table

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
209	General	76	37	Condie	Mary	Member	10/29/2000	12/14/2000	12/15/2000	Updated

Description of Edit

If the shortened option is chosen, how does the receiver figure out the size of the shortened code word? Instead should the shortened code word length be explicitly provided?

Reason for Edit

Clarity

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken

Notes in Session #10

more explanation is required. See section 2.6.4.2

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
210	Editorial	76	42	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the 6 occurrences of "IUC" in lines 42-47 with "DIUC".

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
211	Technical	76	43	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Change "IUC low threshold" to "IUC exit threshold". Change description to "The C/I+N value that when reached, requires the SS to switch to a more robust IUC, in 1/4 dB units. See Figure 76."

Reason for Edit

To match the changes made to Figure 76 at the last meeting.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

It should be changed to "IUC mandatory Exit threshold". Name has to change in figure 76 for all the Exit options. Take numbers off from the bar on the left, just leaving the zero. The Burst Profile numbers should be changed to letters (i.e. X, Y, Z).

Reason for editor's delay following Session #10   **Notes in Session #10.5**

"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
212	Editorial	76	47	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change 'more less' to 'less robust'.

Reason for Edit

Fix typo.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
213	Technical	76	47	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "IUC high threshold" to "IUC minimum entry threshold".
Change description to "The minimum C/I+N required to use this
IUC when a change to a less robust IUC is desired, in 1/4 dB units.
See Figure 76."

Reason for Edit

To match the changes made to Figure 76 at the last meeting.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
214	Technical	77	3	Eklund	Carl	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

The description of the DL_MAP message is incomplete. Remove
text on p.77 l.3 'relative to the PHY mode. The .... field' Unify PHY
sync field (see separate comment) Move table 11 to its right place.
Fix figure 26. Add parameters Base station ID This is a 64 bit
number identifying the BS. The BS ID may be programmable.
DL_MAP IEs Only present for PHY types 0 and 1. The IEs indicate
the boudaries of the different burst types. Also give explanations to
the DIUC e.g. Gap a gap in the DL data transmission. The BS may
send fill bytes during Gaps. Remove paragraph on page 79 starting
'The CID...'

Reason for Edit

Make the section readable. Have a single DL_MAP message
format for all PHY modes. Explain parameters.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor, Carl

Notes in Session #10

Remove text = OK. Table 26 is fixed through Editorial comments from Ken. Add proposed definition for BS_ID. Carl will provide text.
Do not remove paragraph on page 79, since Ken's editorial comment fix it. Discuss with PHY.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
215	Technical	77	27	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Insert a field "# of map elements (= 0 for PHY type 5)" before the map elements.

Reason for Edit

Potentially easier HW processing of map.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need a more detailed description of how this should appear in figure

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
216	?	77	61	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert "for PHY type = {0,1}" after "Frame Length types"

Reason for Edit

clarity

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
217	Technical	78	14	Eklund	Carl	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Unify the PHY synchronization field by removing figure 25. Define a frame length code 32= no framing. Remove reference to PHY type=0,1 from figure 24. Rename the field frame number to Timestamp.

Reason for Edit

There is no reason to have two different messages.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Frame length code becomes 8 bits in Figure 24 by removing the PHY Type. In Figure 25 remove the PHY Type and increase the Uplink Timestamp size. Move the PHY type to be a TLV in the DCD message.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
218	Technical	78	40	Varma	Subir	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add Figure 10 in Section 4.3 of the document 802161c-00_11 to Section 2.5.3 of the document 802161-00/01r4

Reason for Edit

See the contents of Section 2.2 of the document 802161c-00_11

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
219	Technical	79	10	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Show Map Elements as 20-bit values.

Reason for Edit

Saves bandwidth. Not really any more difficult to process.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Figure has to be redrawn to show the 20-bit with no padding.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
220	Technical	79	20	Varma	Subir	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add the IE in Figure 11 in Section 4.3 of the document 802161c-00_11 to Figure 26 in Section 2.5.3 of the document 802161-00/01r4

Reason for Edit

See the contents of Section 2.2 and Section 3.0 of the document 802161c-00_11

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

After discussion with the author, because other ARQ mechanisms are more efficient, the comment will be rejected.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
221	Technical	79	21	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Insert final map element with "DIUC=15" and "end PS of DL frame"

Reason for Edit

Dangerous to expect SS to guess where frame ends.

Resolution in Session #10 accepted   **Action Item Assigned To:** Ken

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
222	Technical	79	27	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the entire paragraph with "SSs listen to all portions of the downlink that they are capable of listening to. For full-duplex SSs this means all portions (TDM and TDMA) that have a robustness (as defined by the DIUC) greater than or equal to that negotiated with the BS. For half-duplex SSs there is the additional requirement that they shall not attempt to listen to portions of the downlink coincident with their allocated uplink transmission, if any, adjusted by their Tx time advance."

Reason for Edit

Since CIDs were removed from the DL Map, the original description is out of date.

Resolution in Session #10 accepted　　　**Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
223	Editorial	80	28	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert space between "Request" and "Backoff"

Reason for Edit

typo

Resolution in Session #10 accepted　　　**Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
224	Technical	80	44	Condie	Mary	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Change "Offset = map length" to "Offset = the length of the last IE to be actually assigned bandwidth".

Reason for Edit

Since the offset is supposed to result in an inferred length of zero and the offset is supposed to be an offset, not an absolute value, an Offset = map length is invalid.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Carl

Notes in Session #10

The offset field is referred to the Allocation Time in the MAP, and not to the previous offset. The concept has to be clarified throughout the document.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
225	Editorial	81	4	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the text from "Count of theUCD which" to read "Count of the UCD which"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
226	Editorial	81	4	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert space between "the" and "UCD"

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
227	Editorial	81	18	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the text from "{0.,1,3}" to read "{0,1,3}"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
228	Technical	81	63	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "Downlink Interval Usage Code" to "Uplink Interval Usage Code"

Reason for Edit
I believe the wrong name has been used.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
229	Technical	81	63	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change A four bit Downlink ...(DIUC) to A four-bit Uplink ..UIUC. Also chance IUC to UIUC on page 82 line 1. Furthermore: Change the sentence 'The offset shall be....' to "The offset shall be the time offset expressed as a number of minislots measured from the time instant indicated in the previous IE. The time instants indicated by the offsets are the transmission times of the first symbol of the burst including preamble."

Reason for Edit

Earlier wording was ambiguous.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
230	Technical	82	10	Varma	Subir	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace Figure 28 in Section 2.5.4 of the document 802161-00/01r4 by Figure 12 in Section 4.4 of the document 802161c-00_11 .

Reason for Edit

See the contents of Section 2.2 and Section 3.0 of the document 802161c-00_11

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
231	Technical	82	24	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove paragraph starting "Three Pairs ...."

Reason for Edit

There is no requirement to pair the data grants IEs. Also short and long data bursts are no longer accurate descriptions.

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
232	Editorial	82	24	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete the entire paragraph

Reason for Edit

This concept was already removed in response to previous comments, but this instance escaped the editors.

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
233	Technical	82	24	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove mention of Data Grants being pairs.

Reason for Edit

Does not match Table 13 and we can't see any requirement for pairs.

Resolution in Session #10 accepted-duplicat **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
234	Editorial	82	26	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove the sentences 'Within each pair, the short and long grant usage is distinguished by the maximum burst size. This allows short PDU transmissions for services that are tolerant of packet loss to use less FEC coding (relative to longer grants).'

Reason for Edit

These lines seem to refer to the concept of short and long data grants, which has been replaced with the concept of interval usage codes.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
235	Technical	83	1	Varma	Subir	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add the row in Table 4 of Section 4.5 of the document 802161c-00_11 to Table 13 in Section 2.5.5 of the document 802161-00/01r4

Reason for Edit

See the contents of Section 2.2 of the document 802161c-00_11

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
236	Editorial	83	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove table 13

Reason for Edit

This table is a duplicate of table 8.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
237	Editorial	83	1	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Table 8 and table 13 both refer to the uplink map information elements, and seem to be the same. One of them should be replaced by information on downlink map information elements.

Reason for Edit

Duplication and missing information.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
238	Editorial	83	44	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

in the 2nd column of the table change the entry from "11-14" to "12-14"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

consistency with the line above showing 11 is empty

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
239	Technical	83	65	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

when a channel is changed is it a "logical" change or a physical channel change to another frequency?

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

current wording is unclear

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
240	Technical	84	1	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Registration CID" to "Basic CID" and remove "(previously assigned in REG-RSP)"

Reason for Edit

By this time an SS has a Basic CID, which shouldn't change unless it also changes downlink. Additionally, there is no Registration CID.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Change to "Basic CID" and instead of removing the phrase, change "REG-RSP" to "RNG-RSP".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
241	Technical	84	26	Eklund	Carl	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Add to description of Requested burst type and ranging anomalies: Must not be included in the initial ranging request transmitted by the SS when attempting to join the network. Add to sentence in SS MAC address: A required parameter when the CID in the message header is the initialization CID.

Reason for Edit

Initial ranging bursts should be of well known length and as short as possible.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Carl

Notes in Session #10

Text will be fixed to show a fixed-length paket for RNG-REQ, which will include requested burst type. Ranging anomalies should have an option for "No anomalies". Table for defining mandatory parameters is also required.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group—Incomplete "Notes"

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
242	Editorial	84	30	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the text from "definitions coneyed by the DCD message, the CPE" to read "definitions conveyed by the DCD message, the SS"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo and replace CPE with SS

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
243	General	84	50	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
insert a value for the units on the length of fields after the number 1

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct omission

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Remove the sentence starting with "The type and length...".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
244	Technical	84	52	Condie	Mary	Member	10/29/2000			Awaiting resolution

Description of Edit
Each message description should state what CIDs are valid in the header.

Reason for Edit
Which CID should be used when is currently unclear and needs to be specified.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken et. al.

Notes in Session #10
Referred to Management Task Group.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
245	Technical	85	17	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert Bit #3 SS already at maximum modulation index Insert Bit #4
SS already at minimum modulation index

Reason for Edit

Include anomalies for the adjustment of the modulation index

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
246	Technical	86	18	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Modulation Index Adjust information Specifies the change in
modulation index that the SS is to make in order that the index
shall be 0.5

Reason for Edit

BS shall be able to adjust the modulation index for a SS

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
247	Technical	86	45	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

The concept of "Temporary CID" should be dropped as it is not as useful here as it was in DOCSIS. The RNG-RSP message should return the Basic CID and the secondary management CID. Low level MAC control (power control, additional ranging) should happen over the basic CID. Large, more delay tolerant actions such as TFTP of the configuration file, authentication, and privacy messages should happen on the secondary management connection.

Reason for Edit

It's just as easy to age out 2 CIDs as it is to age out 1, so the TID isn't necessary. The concept of a basic CID and a secondary management CID separate from the user data CIDs is in the system for a reason. It was agreed that there are small, quick response messages (power adjustment, etc) that must be handled quickly but are short enough to not threaten the QoS of other connections (Basic CID). There are also higher level management messages that tend to be larger and more delay tolerant such as configuration file TFTP, SNMP, etc (secondary management CID). After meeting 7.5(?) in Boulder, there was an action to divide up management messages between these two categories, but it never happened.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Editor, Ken

Notes in Session #10
Specific text will be provided by Ken.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
248	General	86	45	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

What does this description of the CID mean since this is the ranging response msg? Should the description state that "This is the temporary CID that is defined by the base station. This parameter is only used during initial ranging". If so then the parameter should be renamed to Temporary CID.

Reason for Edit

Clarity

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
249	Editorial	86	48	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
delete the extra "space" at the beginning of the line

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
250	Editorial	87	4	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Add "byte" after "1"

Reason for Edit
Add missing word.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
251	General	87	5	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
add a units value to the length of fields value after "1"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

provide omitted units value

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10
add word "byte" after "1"

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
252	Technical	87	23	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert Modulation Index Adjust Type, Length and Value (signed 8-bit, 0.0025 units)

Reason for Edit
Modulation Index adjustment shall be included in Table 15, the Ranging Response Message Encodings table

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
253	General	87	24	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
the "details of transmit equalization" are not listed below as referenced by the table entry on Transmit Equalization Adjust, is this because Transmit Equalization has been removed from the document or the details have not yet been provided?

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

clarification of transmit equalization status and details

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10
Remove all text from page 88 and remove Transmit Equalization Adjust from table 15.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
254	General	87	25	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
I thought we agreed to eliminate this last meeting. Aslo applies to all of page 88.

Reason for Edit
unimplemented comment

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
255	Technical	87	36	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Thresholds are now in DCD and should be removed from
RNG-RSP

Reason for Edit

consistency

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Threshold Delta should also be removed

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
256	Technical	87	42	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert 4=TFM

Reason for Edit

Define TFM as a Maximum Modulation Type in Table 15

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
257	Technical	87	44	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Add CID to table 15 as it is currently missing.

Reason for Edit

clarity

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Add TLVs for Basic and Secondary CID (with length 2, Type TBD and Value TBD), indicating that they appear only when the Initial
Ranging CID is used in the RNG-REQ. Take out the "Max. Mod. Type Supported" row from Table 15.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
258	Editorial	88	1	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove lines 1 to 65.

Reason for Edit

This comment has been resolved as accepted (see IEEE 802.16.1-00/09 item 92 at page 11), but is missing from the current version of the draft.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
259	Technical	88	24	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Utterly remove all text on page 88 including figures.

Reason for Edit

Transmit equalizer previously killed.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
260	Technical	89	3	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete "allowing the CID shall be encoded in a type/length/value form"

Reason for Edit

The CID is in the MAC header.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
261	Editorial	89	4	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove "allowing the CID shall be encoded in a type/length/value form". Text under the figure "CID (From the MAC Management Header) Temporary CID for this SS" should be replaced with "The CID in the MAC Management Header is the Temporary CID for this SS." The next sentence should be part of the same paragraph.

Reason for Edit

Current sentences don't make sense.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
262	Editorial	89	42	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

References to where these paramaters are defined should be included.

Reason for Edit

clarity of definition

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
263	General	89	62	Hunter	Wayne	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

why is there a bold sentence regarding the order in which configuration settings are reflected back to the BS, is there a requirement to process them at the SS in an order different than that in which they are processed in the BS which would indicate that special care is needed in meeting this requirement? And why would a requirement of this type exist?

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

determination of exact requirements on processing of the configuration data

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Change the type from bold to normal. Replace the whole sentence by: "In order for the MIC to be successful, the SS shall forward all the vendor specific configuration settings to the BS in the same order, and without change, in which they were received in the configuration file."

Reason for editor's delay following Session #10   **Notes in Session #10.5**

"Notes" incomplete. Clarify

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
264	Editorial	90	13	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from "supported by the SS(BTC1 based on" to read "supported by the SS (BTC) based on"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
265	Technical	90	14	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert TFM

Reason for Edit
Define TFM as a Registration parameter

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
266	General	90	21	Condie	Mary	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
How does the SS IP address differ from the TFTP Server
Provisioned SS Address?

Reason for Edit
Clarity.

Resolution in Session #10 referred to group

Action Item Assigned To: Glen

Notes in Session #10
Text has to be revised.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
267	Editorial	91	6	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
Add bit numbers to figure 34

Reason for Edit
Clarity for field lengths.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need more detailed description of suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
268	Technical	92	6	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

The REG-RSP message must contain CIDs for the service flows.

Reason for Edit

There are no DSA messages sent for these flows to associate CIDs.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
269	Editorial	92	7	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Add reference to section 2.3.5.4 for service flow error encodings.

Reason for Edit

clarity

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Need more detailed description of suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
270	Technical	92	22	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Move lines 22-34 to the RNG-RSP message.

Reason for Edit

The concept of a basic CID and a secondary management CID separate from the user data CIDs is in the system for a reason. It was agreed that there are small, quick response messages (power adjustment, etc) that must be handled quickly but are short enough to not threaten the QoS of other connections (Basic CID). There are also higher level management messages that tend to be larger and more delay tolerant such as configuration file TFTP, SNMP, etc (secondary management CID). After meeting 7.5(?) in Boulder, there was an action to divide up management messages between these two categories, but it never happened.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Should be lines 22-29.

Reason for editor's delay following Session #10
Need more detailed description of suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
271	Editorial	92	39	Hunter	Wayne	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

change the text from "As defined in 2.3" to read "As defined in section 2.3"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Left as is; "section" not used to describe clauses/subclauses in IEEE Standards

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
272	Editorial	92	55	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert space between "SS" and "capability"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
273	General	92	64	Condie	Mary	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Delete ", including MAC version". Insert "The MAC version is encoded as in Figure xx.". Add figure number to MAC version encoding. Indicate bit numbers on figure. Open Issue - how are MAC versions numbered?

Reason for Edit

MAC Version is not in the Registration request as is mentioned in the sentence. MAC version encoding is unclear.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Table needs header (as in Table 15), Version Code. The current is Version 1.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group—Further discussion pending   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
274	Editorial	93	19	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Add bit numbers to this figure and all figures that require it.

Reason for Edit

Clarity - need to know field sizes

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
275	Editorial	94	56	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the text from "field is one octect." to read "field is one octet."

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
276	Editorial	95	36	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
replace s by bytes

Reason for Edit
wonders of word processing

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
277	TBD	95	40	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
eliminate TBD

Reason for Edit
TBDs are evil

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Unresolved   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
278	General	95	42	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

We need to fix the way we define and reference TLVs.

Reason for Edit

Most of the TLVs for the variants of this message are in section 2.16. There is one TLV in 2.3 that appears appropriate, but defines nothing and points to section 2.16.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
279	General	97	21	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

We need to fix the way we define and reference TLVs.

Reason for Edit

The set defined starting on page 43 appears insufficient.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
280	Editorial	104	52	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "QohS" to "QoS"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
281	Editorial	105	19	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Eliminate the 2 bytes of pad. Also eliminate the 1 byte of pad in the DSD-RSP of figure 45, page 106.

Reason for Edit

There is no requirement for message fields to be 32-bit word aligned just to make the pictures easier to draw.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need more detailed description of suggested edit

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
282	Editorial	107	26	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete text to line 48. Correct field in table on page 108 to read 3-255 .

Reason for Edit

The information is contained in 2.5.20.1

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
283	Editorial	107	52	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "1" to "1 byte"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
284	General	107	52	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

provde unit of measure for the type and length fields of the MCA-REQ TVL encodings, is it byte?

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

unit designation is missing

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10
byte

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
285	TBD	109	8	Leiba	Yigal	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Add a description of the ARQ ACK message containing the following fields, MAC Management Header One TLV encoded information element where Type = ARQ-ACK message Length = N, is two times the number of ACK sequence number carried by the TLV Value = A list of N sequence number that where successfully received

Reason for Edit

Define a TBD item

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Unresolved   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
286	Editorial	109	36	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace "Modulation" with "DIUC". Delete lines 46-57.

Reason for Edit

Per previous comments, we change DL burst types, not just modulation.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
287	Technical	109	40	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

replace "(DMC-REQ)" with "(DBTC-REQ)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

mislabeling of figure 48

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
288	General	110	1	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit

Insert the following section (with updated subsection numbers) before section 2.6. 1 Logical Channels A logical channel is defined as a logical communication pathway between two or more parties. The logical channels represent the interface between the protocol and the radio subsystem. There are three categories of logical channels: the traffic channels (TCHs) carrying speech or data information, the control channels (CCHs) carrying signaling messages and the synchronization channel for physical layer synchronization. The differentiation between the channel types and user destinations is determined through MAC header connection IDs (CIDs). The following two TCHs are defined for IEEE 802.16.1 systems: 1. UTCH - Unicast Traffic Channel; 2. MTCH - Multicast Traffic Channel. There is one SCH defined for IEEE 802.16.1 systems. The following four CCHs are defined for IEEE 802.16.1 systems: 1. BCCH - Broadcast Control Channel; 2. UCCH - Unicast Control Channel; 3. RCCH - Ranging Request Channel; 4. BRCCH - Bandwidth Request Contention Channel. 1.1 Traffic CHannels (TCHs) 1.1.1 Unicast Traffic CHannel (UTCH) The UTCHs are used to carry user information between a SS and the BS in either the upstream or downstream directions. The length of each UTCH in a downstream transmission and an upstream transmission is dynamically assigned by the BS. When the PHY is operating in Mode B, a map of the assignments is included in the BCCH. 1.1.2 Multicast Traffic CHannel (MTCH) The MTCHs are used to carry user information between the BS and multiple SSs in the downstream direction. The length of each MTCH in a downstream transmission is dynamically assigned by the BS. When the PHY is operating in Mode B, a map of the assignments is included in the BCCH at the beginning of the downstream frame. It should be noted that a broadcast traffic channel is a special case of the MTCH that is addressed to an entire MAC domain. 1.2 Synchronization Channel (SCH) The purpose of the SCH is synchronization, and it exists only in the downlink. It is unique to the PHY mode. For example, for PHY mode B, it consists of a preamble unique to the start of the downlink frame and appears at the beginning of every

Reason for Edit

This section was an action item to Phil and I and supposed to get incorporated last time, but didn't.

downlink frame. The SCH carries no data information. 1.3 Control CHannel (CCH) The CCH shall carry signaling messages. 1.3.1 Broadcast Control CHannel (BCCH) The BCCH is broadcast in the first slots of each downstream frame when the PHY is operating in Mode B. The BCCH is broadcast periodically in Mode A of the PHY. The purpose of this CCH is to carry broadcast MAC messages that containing information such as physical characteristics of the current downstream frame. The following MAC messages are transmitted over the BCCH: 1. Downlink Channel Descriptor (DCD) Message; 2. Uplink Channel Descriptor (UCD) Message; 3. Downlink MAP (DL-MAP) Message; 4. Uplink MAP (UL-MAP) Message; 5. Multicast Polling Assignment Request (MCA-REQ) Message. 1.3.2 Unicast Control CHannel (UCCH) As mentioned above, a UCCH is a CCH that has a single destination. These logical channels are used for the transport of all MAC messages on the uplink and certain MAC messages on the downlink. The location of the UCCHs on the uplink and downlink can be arbitrary. The following lists the MAC messages that may be transported on a UCCH: 1. Ranging Request (RNG-REQ) Message; 2. Ranging Response (RNG-RSP) Message; 3. Registration Request (REG-REQ) Message; 4. Registration Response (REG-RSP) Message; 5. Registration Acknowledgement (REG-ACK) Message; 6. Privacy Key Management - Request (PKM-REQ) Message; 7. Privacy Key Management - Response (PKM-RSP) Message; 8. Dynamic Service Addition - Request (DSA-REQ) Message; 9. Dynamic Service Addition - Response (DSA-RSP) Message; 10. Dynamic Service Addition - Acknowledgement (DSA-ACK) Message; 11. Dynamic Service Change - Request (DSC-REQ) Message; 12. Dynamic Service Change - Response (DSC-RSP) Message; 13. Dynamic Service Change - Acknowledgement (DSC-ACK) Message; 14. Dynamic Service Deletion - Request (DSD-REQ) Message; 15. Dynamic Service Deletion - Response (DSD-RSP) Message; 16. Multicast Polling Assignment Request (MCA-REQ) Message; 17. Bandwidth Request (BW-REQ) Message (special version of MAC PDU); 18. Downlink Burst Type Change Request (DBTC-REQ) Message; 1.3.3 Ranging Request Contention CHannel (RCCH) Periodically, a portion of the upstream channel is allocated for registration request messages on a contention basis.

The RCCH allows unregistered users a portion of the upstream frame to attempt transmission of registration requests without interfering with ongoing traffic. The following MAC messages are transmitted over the RCCH: 1. Ranging Request (RNG-REQ) 1.3.4 Bandwidth Request Contention CHannel (BRCCH) Periodically, a portion of the upstream burst may be allocated for bandwidth or connection requests. The BRCCH allows registered users a portion of the upstream to attempt transmission of bandwidth requests without interfering with ongoing traffic. The following MAC messages are transmitted over the BRCCH: 1. Bandwidth Request (BW-REQ) Message (special version of MAC PDU)

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken et. al.

Notes in Session #10
Need not clear at the moment. Referred to Management Task Group.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
289	Technical	110	41	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the first paragraph with the following. A burst FDD system refers to a system in which the upstream and downstream channels are located on separate frequencies but the downstream data is transmitted in bursts. This facilitates the use of different modulation types and allows the system to simultaneously support full duplex subscriber stations (ones which can tranmit and receive simultaneously) and optionally half duplex subscriber stations (ones which cannot transmit and receive simultaneously). If half duplex subscriber stations are supported,this mode of operation imposes a restriction on the bandwidth controller not to allocate upstream bandwidth for a half duplex subscriber station at the same time that the subscriber station is expected toreceive data on the downstream channel. Frequency separation is as defined in section 2.6.1.1.

Reason for Edit

Current description is oriented towards half-duplex stations except for final note. This is confusing. Also FSDD used to be separate from Burst FDD which separated half duplex and full duplex terminals. Half duplex should be optional.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
290	Technical	111	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the 1st sentence with the following. A full duplex subscriber station must always attempt to listen to the downstream channel. A half duplex subscriber stations must always attempt to listen to the downstream channel when it is not transmitting in the upstream channel.

Reason for Edit

Sentence is oriented towards half-duplex only.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
291	Editorial	112	23	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Eliminate section 2.6.2 by moving its contents to the start of section 2.6.4 on line 54. Delete the sentence starting towards the end of line 59. Combine the first sentence of the paragraph starting on line 62 with the one starting on line 56. Delete the sentence starting on line 64 through the end of the paragraph (on the next page).

Reason for Edit

Combine redundant sections, eliminate info that should be in section 2.6.3, and remove redundant info from the combined section.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
292	Editorial	112	39	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change 2.6.3 heading to "PHY Continuous FDD Mode Support". Eliminate subheading 2.6.3.1.

Reason for Edit

cleaner document.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
293	Editorial	112	52	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert the sentence "A fixed modulation is used with PHY mode A." at the end of the paragraph.

Reason for Edit

Move PHY mode A information from 2.6.4, where it doesn't belong, to 2.6.3, where it does belong.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
294	Technical	113	2	Eklund	Carl	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

PS should be defined elsewhere, also section is very PHY specific (including figures). Figure 52 is wrong. Delete from p.114 l.61-p115.15

Reason for Edit

Removal of PHY dependency. The talk about MAC control should have been removed based on decision in last meeting.

Resolution in Session #10 accepted-modified　　**Action Item Assigned To:** Editor, Ken

Notes in Session #10

PS defined in the Definition section. Deleting = OK. Figure 52 will be provided by Ken

Reason for editor's delay following Session #10　　　　　　**Notes in Session #10.5**

Clarify—asking to delete from P. 114 line 61? To P. 115 line 5?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
295	Editorial	113	4	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "multiplexing (TDM)" to "duplexing (TDD)". On line 6 change "structurse" to "structure". Add "and UCD" to end of paragraph at line 12.

Reason for Edit

typos and completeness

Resolution in Session #10 accepted　　**Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10　　　　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
296	Editorial	113	6	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "structurse" to "structures".

Reason for Edit

Correct typo

Resolution in Session #10 accepted　　**Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10　　　　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
297	Editorial	113	18	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Change "modulation order QPSK" to "robustness order. For modulations this means" Add the following sentence at the end of the modified sentence. "If more than 1 FEC is defined (via DCD messages) for a given modulation, the more robust FEC/modulation combination appears first." Replace Figure 51 with the file TDD_DLSubframe.vsd which will be separately mailed to the editors.

Reason for Edit

reflect adaptive bursts, not just modulation

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Done with first two edits; need new figure

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
298	Editorial	113	19	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "Transmission Gap" with "Transition Gap"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
299	Editorial	114	1	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Replace Figure 52 with the file BurstFDD_DLSubframe.vsd which will be separately mailed to the editors. Line 33, insert the sentence "As in the TDD case, the TDM portion of the downlink is ordered by decreasing robustness."

Reason for Edit

Reflect adaptive bursts, not just modulation.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need new figure; Insert the sentence where?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
300	Editorial	114	37	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "SSs" to "burst types". At the end of this sentence, add the sentence "the TDMA portion does not need to be ordered by robustness." Delete the next sentence, which starts "This data is"

Reason for Edit

Make consistent with previous decision to eliminate CIDs from DL Map, and clarify ordering of TDMA section.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
301	Editorial	115	23	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "modulation order QAM-4, followed by QAM-16, followed by QAM-64." with "in robustness order in the TDM portion." Swap the order of the last two sentences of the paragraph, changing word "case" to "portion" and changing "SS specific" to "separately delineated".

Reason for Edit

Consistency with previously implemented decisions regarding combining the two original burst FDD variants and eliminating the CID from the DL Map entries.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
302	Technical	115	25	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove "and symbol": The PHY Control portion of the Frame Control Header contains a map stating the PS and symbol at which modulation will change.

Reason for Edit

The DL-MAP specifies the PS at the start of each burst. It is implied, but not specified that the first symbol of the PS is where the modulation changes.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
303	Editorial	115	52	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Eliminate extraneous table header.

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
304	?	115	64	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "individualSSs" to " individual SSs "

Reason for Edit
typo

Resolution in Session #10 unresolved

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
305	Editorial	115	64	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording "individualSSs" to "individual SSs"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
306	Technical	116	42	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert or TFM-modulation

Reason for Edit
TFM shall also be possible to use in registration and contention slots

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
307	Editorial	116	48	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording of "in theUCD message" to read "in the UCD message"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
308	Editorial	116	48	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "theUCD" to "the UCD".

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
309	Editorial	116	55	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "defined" to "defines"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
310	Editorial	117	34	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the word "prevoius" to "previous"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
311	Editorial	117	36	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
chnge the word "lenfth" to "length"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
312	Technical	117	38	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove paragraph starting Each... Also change Physical to Uplink on line 54

Reason for Edit
Incorrect fluff. Redundant.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
313	Technical	117	43	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
At the end of the sentence insert "with a offset equal to the length of the previous IE."

Reason for Edit
The offset definition is very important to understand the length and therefore must be clearly defined.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
314	Editorial	117	52	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Delete the entire paragraph.

Reason for Edit
The paragraph is an incorrect description conflicting with the correct description given in the following subsections.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
315	Editorial	117	55	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the word "syncronous" to "synchronous"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
316	Technical	119		Eklund	Carl	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit
Explanation of empty IE is missing. Empty IE The Empty IE specifies pauses in uplink transmissions. An SS must not transmit during an empty IE.

Reason for Edit
Consistency

Resolution in Session #10 referred to group   **Action Item Assigned To:** Carl

Notes in Session #10
Text will be provided

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
317	Editorial	121	57	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert space between period and open paranthesis.

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
318	Editorial	122	3	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Change "US-MAP" to "UL-MAP" in figure 60

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
319	Technical	122	26	Leiba	Yigal	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

The sentence 'The BS may allow collisions on either requests or maintenance PDUs.' does not specify clearly enough which PDUs may be transmitted in contention slots. Replace with 'The BS may allow collisions on the following PDUs: RNG-REQ, REG-REQ, PKM-REQ, DSA-REQ, DSC-REQ, DSD-REQ, DCC-REQ, MCA-REQ, DMC-REQ, Bandwidth request header.'

Reason for Edit

Make the draft more clear.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Carl

Notes in Session #10
correct text will be provided

Reason for editor's delay following Session #10
Correct text to be provided, as per "Notes"

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
320	Editorial	122	41	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Fix weird font in "UL-MAP"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
321	Editorial	123	25	Eklund	Carl	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
Remove the word typically. Also reword paragraph to suit better in a standards document.

Reason for Edit
We need clear definitition of the number of transmit opportunities in an interval.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need appropriate rewording

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
322	Editorial	123	32	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "theCD" to "the UCD"

Reason for Edit
Correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
323	Editorial	123	54	Marks	Roger	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "MSAP" to "SAP".

Reason for Edit
"SAP" is more commonly used in document and is already defined.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
324	Editorial	123	54	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "a traffic" to "traffic". Change "connecion" to "connection"

Reason for Edit

typos

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
325	Editorial	125	1	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete the sentence that starts "Piggy-back" and add a sentence at the end of the second paragraph that states "The poll-me bit may be used to request to be polled for a different, non-USG, connection."

Reason for Edit

Remove non USG concepts from USG section and make certain all USG concepts are covered.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
326	Technical	125	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Piggy-back requests" sentence to the following. "In the GPT mode, additional bandwidth for a different connection may be requested using the Bandwidth Request Header."

Reason for Edit

Clarity - piggy backs don't use bandwidth request.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
327	Editorial	125	23	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "Bandwidth" to "Grant"

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

328	Editorial	125	61	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
delete the word "a" at the end of the line.

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

329	Editorial	125	61	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "request a" to "request"

Reason for Edit
correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
330	Editorial	127	23	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert space between sentences.

Reason for Edit
typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
331	Editorial	127	52	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert "at" before "Registration"

Reason for Edit
typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
332	Editorial	127	63	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
add a "period" after the last sentence on the page after the words "in Figure 61"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
333	Editorial	128	39	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

The word "untranmitted" in the bottom right box of the figure is not properly visible.

Reason for Edit

Clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
334	Editorial	128	55	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "certain connection" to "the SS". On the next line, change "shorter or null opportunity to transmit" to "shorter transmit opportunity than expected" On line 57, change "any case" to "all cases".

Reason for Edit

clarity, correctness

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
335	Editorial	128	60	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

add a "period" at the end of the last sentence on the page, after the words "in Figure 62"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
336	Editorial	129	42	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
In bottom right box in Figure 62, change "SDU" to "1st SDU"

Reason for Edit
For clarity since two SDUs have been mentioned.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need editable figure file

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
337	Technical	130	13	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert or TFM

Reason for Edit
TFM can also be used when responding to polling

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Comment 555 rejected

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
338	Editorial	131	1	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Replace Figure 63 with UnicastPolling.vsd which is separately mailed to editors.

Reason for Edit
Figure contains CPE instead of SS. Figure only shows adaptive modulation, not bursts.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need new figure   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
339	Editorial	132	4	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

"CID" on lines 4, 8 (twice), and 39 appears to always have an extra preceding space.

Reason for Edit

typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
340	Editorial	133	1	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Replace Figure 63 with Multicast_Polling.vsd which is separately mailed to editors.

Reason for Edit

Figure contains CPE instead of SS. Figure only shows adaptive modulation, not bursts.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need new figure

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
341	Editorial	134	4	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "need polled" to "need to be polled"

Reason for Edit

Correct typo.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
342	Editorial	135	2	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "CD" to "UCD"

Reason for Edit
typo

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10 **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
343	Technical	136	34	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit
Should add a "basic capability negotiation" step between ranging and IP connectivity.

Reason for Edit
We have SO MANY flexible PHY features in this system as well as explicitly optional features that it is unlikely that all SSs will implement all options. The BS needs to know an individual SSs capabilitites (Q64, ARQ, turbo codes, etc.)

Resolution in Session #10 referred to group **Action Item Assigned To:** Ken et. al.

Notes in Session #10
Deferred to Management Task Group

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
344	Editorial	136	58	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove Section 2.11.1.

Reason for Edit
Duplicate text in Section 2.11.2.

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10 **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
345	General	137	8	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

A reference is made to the TBD PHY specification paragraph on acquisition that does not exist yet. Recommend that a section is created in the PHY section that provides simple requirements on frequency and/or phase uncertainty as the definition of signal acquisition, given that the receiver estimates of these quantities are within some suggested bounds.

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

There is a need for a simple, non-implementation specific, definition on signal acquisition.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Editor, Glen

Notes in Session #10
Text will be provided by Glen

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
346	TBD	137	8	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
resolve TBD

Reason for Edit
TBD

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Unresolved   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
347	Editorial	137	12	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Should either make this generic to all PHYs or add sections for how it's done with each PHY.

Reason for Edit
Current text is only correct for PHY mode A.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Unresolved

Notes in Session #10.5
See 346 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
348	Technical	137	18	Leiba	Yigal	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Remove lines (d) and (e) from the SS synchronization list. Insert new items d) Synchronization of TC sub-layer (if it exists) e) Recognition of the DL-MAP message

Reason for Edit
MPEG packetization no longer exists, and PCD MAC messages are not defined in this draft. The two suggested items are their replacement.

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10
Deferred to TG3 discussion

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
See 346 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
349	Editorial	137	18	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Remove, "d) synchronization of the MPEG packetization"

Reason for Edit
Item d) was removed during the comment resolution process at Session 9.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
350	TBD	137	23	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

This would refer to the section suggesting specifications on the estimated frequency and phase of the incoming signal referenced in the comment just prior to this one.

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

There is a need to define acquisition success which would then enable data decoding to proceed

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10
Unresolved

Notes in Session #10.5
See 346 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
351	Technical	137	25	McMullin	Rod	Observer	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Remove, "On detecting the well-known BWA PID, along with a payload unit start indicator per [H.222], it delivers the MAC frame to the MAC sublayer."

Reason for Edit

PID and H.222 are not de-referenced anywhere in the document.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Editor, Glen

Notes in Session #10
Text will be provided

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
See 346 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
352	Technical	137	25	Mollenauer	Jim	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Delete sentence starting with "On detecting..."

Reason for Edit

There is no BWA PID; this is a DOCSIS holdover. Also, we don't use H.222.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

see item 351

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
353	General	137	25	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

BWA PID does not appear anywhere else in this document nor does H.222. What does this sentence mean?

Reason for Edit

Reduce confusion

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

see items 351 & 352

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
354	Technical	137	31	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace this section with the following. The MAC sublayer shall search for the DL-MAP and DCD MAC messages. The CPE achieves MAC synchronization for a channel once it has received at least one DL-MAP message and one DCD message. Add a new section after 2.11.4 called "Loss of Syncrhonization" with the following contents. The CPE MAC remains in sychronization as long as it continues to successfully receive the DL-MAP, UL-MAP, DCD, and UCD messages. If at least one of these messages is not received within the time intervals specified in Table 2, the CPE shall not use the upstream and shall try to re-establish synchronization.

Reason for Edit

This section is confusing. The first change is because the section is supposed to be for obtaining downlink parameters. The proposed change may not be completely correct. Section 2.2 only specifies Lost Sync wrt the DL-MAP msg (e.g. it doesn't take into account other messages such as the UCD. The Time between UCDs is set to 2 seconds however is only 1 allowed to be lost? Need clarification!

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Mary

Notes in Session #10

Correct text will be provided, taking the next comment into account

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
355	Technical	137	35	McMullin	Rod	Observer	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Changes: 1. Add row to Table 2 (page 32) | SS | Lost Sync Interval | max time expired since the last received UCD OR DCD message | | | 5 * the greater of the max UCD Interval or max DCD interval | 2. Add row to Table 2: | BS | DCD Interval | time between transmission of DCD messages | | | 2 sec | 3. Change 'or' to 'and': "If the Lost SYNC Interval (refer to Section 2.2) has elapsed without a valid UCD and DCD message, a CPE shall not use the upstream and shall try to re-establish synchronization again."

Reason for Edit

Section 2.2 does not define a "Lost Sync Interval" or a DCD interval.

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10
Suggested edits 1 & 2 need to be more specific—which fields the provided info should go in?

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
356	Editorial	137	40	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "Physical" to "Uplink"

Reason for Edit
reflect correct message names.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
357	Editorial	137	41	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "Physical" to "Uplink"

Reason for Edit
Match names.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
358	Editorial	137	62	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording "fromUCD" to read "from UCD"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
359	Editorial	137	62	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording "fromUCD" to read "from UCD"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
360	Editorial	137	62	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "fromUCD" to "from UCD"

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
361	Editorial	137	62	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change both occurrences of "channel ID" with "upstream channel ID"

Reason for Edit
clarity

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
362	Technical	137	65	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert. "If initial ranging is successful then the SS attempts to establish IP connectivity."

Reason for Edit
For clarity. Also Station Mtce in SDL is changed to Establish IP connectivity.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
363	Technical	139	12	Condie	Mary	Member	10/29/2000	12/14/2000	12/15/2000	Updated

Description of Edit

Change Figure 67 as follows. Visio version has been emailed to the editor. All instances of the word channel should be replaced with "uplink channel" for clarity. Change scanning (line 12) to "Scanning for downlink channel" Line 17 Change to "Wait for UCD for selected channel" Add box on line 21 with decision box containing "Uplink channel suitable?" Add no line to box going to the right to meet the other no line Line 37, change to "Wait for UL-MAP which contains initial ranging interval for selected uplink channel" Line 41, change to UL-MAP for selected uplink channel Line 58, change to "Establish IP Connectivity".

Reason for Edit

Correct discrepancies in SDL and make less confusing.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor, Mary

Notes in Session #10
Figure will be provided by Mary

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need new figure

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
364	General	139	29	Condie	Mary	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

What does the "Bandwidth for CIDx" decision box in the centre of the figure mean in the context of grant per terminal? It appears as if this decision box is redundant

Reason for Edit

To remove confusion.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Juan-Carlos

Notes in Session #10
Comment is for Figure 62, page 129. Add a footnote explaining that the scheduler has to decide which connections will get the bandwith assigned.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group   [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
365	Technical	140	3	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

1. In Section 2.2 (page 32, line 7) change 'Sync Interval' to 'DL-MAP Interval' and change 'SYNC messages' to 'DL-MAP messages'. 2. In Section 2.2 (page 32, line 24) change 'Sync message' to 'DL-MAP message'.

Reason for Edit

Section 2.11.5 states a requirement for periodic transmission of DL-MAPs but Section 2.2 does not provide a DL-MAP Interval;... however, it looks like the 'Sync Message' referenced in Section 2 satisfies the intent. The 'Sync Interval' and 'Sync Message' specified in Section 2.2 are not referenced elsewhere in the document.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
366	Editorial	140	8	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

All message flows should be labelled as Figures, not Tables.

Reason for Edit

Consistency

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Referring to specific tables in document?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
367	Editorial	141	26	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "'s" to "SS's"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
368	Editorial	141	33	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Physical" to "Uplink"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
369	Editorial	141	33	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Physical" to "Uplink"

Reason for Edit

name changed

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
370	Editorial	142	11	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Change "successfully ranged," to "successfully ranged (Ranging request is within tolerance of the BS)," Remove first sentence on page 143.

Reason for Edit

Somehow the idea ended up out of context on the next page.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Not found. Correct line referenced here?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
371	Technical	142	23	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove the word, "multicast".

Reason for Edit

...not sure it makes sense to multicast an Initial Maintenance opportunity as the SS would need prior knowledge to associate itself with the CID. The only multicast service currently defined offers contention slots to SSs for bandwidth requests. (also applies to line 48)

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Remove "multicast" from lines 23 and 48. On line 30 change "Temporary" to "Basic and Secondary", and on 33 and 38 change "Temporary" to "Basic".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
372	General	143	1	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

This is a stray sentence. What does it mean?

Reason for Edit

Reduce confusion.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Lost footnote of Figure 68 on page 145.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
373	Technical	144	1	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/15/2000	Updated

Description of Edit

Combine the figures on page 144 and 145 and correct them.

Reason for Edit

They have situations where power is adjusted more often than it should be and where fewer retries happen than should. They also have redundant sections.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Editor, Mary

Notes in Session #10

Delete the "Adjust Local Power" box on line 38. Mary will provide the corrected figures.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need new figure

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
374	General	144	1	Leiba	Yigal	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Combine the figure in this page and in the next page to one figure.

Reason for Edit

It is not clear how the two existing figures connect to each other

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
see item 373

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
375	General	145	3	McMullin	Rod	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Broadcast" to "Unicast".

Reason for Edit

typo

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
376	Editorial	146	1	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

This drawing needs redrawn in a maintainable format rather than patched in Framemaker. This applies to all patched drawings.

Reason for Edit

It looks bad where patched. Note 1 and 2 appear out of context and unlabeled on the next page.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need new figure

Notes in Session #10.5
Figure 69 is still a patched figure. [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
377	General	146	40	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Note 1 is missing. Is it supposed to be the "Means ranging is within the tolerable limits of the BS" which is on the next page?

Reason for Edit

Clarity

Resolution in Session #10 accepted-duplicat   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10
Need more detailed description of suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
378	Editorial	147	1	McMullin	Rod	Observer	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Lines 1 through 8 are Notes 1 and 2 for the previous diagram. Identify as such.

Reason for Edit

Clarify text.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need more detailed description of suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
379	Technical	147	2	Condie	Mary	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit
To what does this paragraph refer?

Reason for Edit
clarity

Resolution in Session #10 accepted-duplicat

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10
No suggested edit

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
380	Editorial	147	12	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
replace "an" with "a".

Reason for Edit
typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
381	Technical	147	36	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit
This should happen on the secondary management CID. So should all the actions through section 2.11.9.2.

Reason for Edit
This is the type of management task that CID is intended for.

Resolution in Session #10 referred to group

Action Item Assigned To: Ken et. al.

Notes in Session #10
Referred to Management Task Group.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
382	Technical	147	36	McMullin	Rod	Observer	10/29/2000			Awaiting resolution

Description of Edit

Add new paragraph. "Alternatively, the IP Address and Subnet Mask may be locally configured at the SS."

Reason for Edit

...sounds like DHCP is the only way to get an IP address, if this is not so, ignore this comment. In time, routers will incorporate the 802.16 MAC/PHY as just another port. DHCP is a host configuration protocol; it is not recommended for configuring routers. For such devices it is desirable to manually configure the address and mask. In order to use a permanent, 'designed' IP address, the DHCP server will need to be manually configured with the MAC addr and IP addr of the SS...may as well provide the option to skip the DHCP step and manually configure the device. DHCP does allow for devices to have their IP addresses externally configured but to still use DHCP to obtain additional parameters, via DHCPINFORM. However, it will remain undesirable for a router to rely on a remote device to boot. The use of DHCP_DISCOVER presents an implementation constraint: IP broadcasts are constrained to a single network, therefore, the BS must accept and process DHCP_DISCOVER packets as a server or relay agent. Examining the IP convergence layer at the BS may shed some additional light here.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken et. al.

Notes in Session #10

Referred to Management Task Group. It needs to be clarified that this DHCP process applies only to the SS IP address, and that it is not mandatory.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
383	Editorial	148	8	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Add RFC-868 to section 1.1.

Reason for Edit
That's where normative references are listed.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need detailed reference—incorporated doc. Number, not title, etc.

Notes in Session #10.5
need to add RFC-868 description text [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
384	Editorial	148	45	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change referenced section from 2.4 to 2.4.2.

Reason for Edit
More explicit reference to TLVs.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
385	General	153	43	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

The Basic CID and secondary management CID need to be returned in the Ranging Response rather than a Temporary CID. Additionally, we actually have no current mechanism for getting the SS CIDs for the connections established in the registration request/response.

Reason for Edit

The whole concept of TID and not needing CIDs for provisioned connections is a hold over from DOCSIS where it was OK for all management and all best effort user data to share 1 Ethernet flow devoid of any real QoS. The Basic CID and secondary management CID are intended to allow the entry into the system of additional SSs without threatening the QoS of previously established connections.

Resolution in Session #10 referred to group

Action Item Assigned To: Ken

Notes in Session #10

Text will be provided

Reason for editor's delay following Session #10

referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
386	General	153	45	Condie	Mary	Member	10/29/2000			Awaiting resolution

Description of Edit

The use of CIDs after initialization is not completely clear in the document. This section is fairly clear on the use of CIDs during initialization, but I can't find anywhere in the document where it clearly defines how the basic CID and secondary CIDs are assigned, although they are provided to the SS in the REG-RSP msg (page 92) Do the basic and secondary service flows need to be defined in the config file? page 151, line 1 implies that the config file need not contain any service flows. Page 166 line 26 implies that at least one service flow needs to be included in the config file. Or do the basic and secondary service flows use default values? I have searched for the word "secondary" in the document and find no occurrences that explain how the secondary CID is used except for the high level statement on page 30 line 58. (Note another comment specifies that the CID used in the MAC header needs to be specified for each msg type).

Reason for Edit

To reduce confusion

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken et. al.

Notes in Session #10
Referred to Management Task Group

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
387	Editorial	154	16	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert space between sentences.

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
388	Editorial	155	1	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
re-draw the Figure

Reason for Edit
ugly, patched figure.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
Need new figure

Notes in Session #10.5
Figure 63 is still in Visio & needs fixing [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
389	Editorial	155	5	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the formatting or wording in the box at the top to reveal the complete spelling of the word "to"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct formatting error

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
390	Editorial	155	30	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording in the box in the figure on the right side from "RemoveSS" to "Remove SS"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
391	General	155	52	Hunter	Wayne	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Note 2 appears to have wording that overwrites some of the labels that might be a portion of the figure

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

reformat text and check readability, current text is not completely readable

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need new figure

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
392	Technical	156	58	Condie	Mary	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

The thresholds are now in the DCD message so all references to thresholds in the RNG-RSP should be replaced with DCD.

Reason for Edit

Consistency

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10

Text will be corrected and the next two sentences using the threshold delta should be deleted, leaving the reference to Figure 76.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Awaiting corrected text   Karl made modifications in 6.2.4.1

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
393	Editorial	158	14	Wibowo	Eko	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Should read "Utilization of MAC scheduling and QoS traffic parameters for upstream Service Flows".

Reason for Edit
Consistency with the following sentence.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
394	Technical	158	35	Wibowo	Eko	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Should read "upstream active Service Flows also have a 16-bit Connection Identifier (CID)".

Reason for Edit
Table 29 indicates that CID is not used for downstream service flows.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Table 29: The first "N/A" should be changed to "CID", and the second one to "Not Yet".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
395	Editorial	158	37	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
delete entire paragraph.

Reason for Edit
Out of date DOCSIS concept.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
396	Technical	159	2	Wibowo	Eko	Observer	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Should read "mapping to a SFID only exists when the connection has active service flow(s)".

Reason for Edit
In page 158, line 35, it reads "active Service Flows also have a 16-bit Connection Identifier (CID)".

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
Concept has to be clarified.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
Glen to handle [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
397	Editorial	159	26	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change 14 to 77

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
398	General	159	53	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit

We need to be able to change the provisioning of a CPE after the CPE is operational. We should add a standardized connection mib.

Reason for Edit

The customers behind CPEs may add services, delete services, and modify services at the contract level. While services may be added in the truly dynamic case (probably more applicable to TG3 than TG1), these contractual changes reflect a change in provisioning that would result in the updating of a CPEs configuration file and its Provisioned QoS Parameter Sets.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken et. al.

Notes in Session #10
Referred to the Management Task Group

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
399	Technical	161	40	Stanwood	Ken	Member	10/29/2000			Awaiting resolution

Description of Edit

Insert "or from a connection mib" after "configuration file"

Reason for Edit

The customers behind CPEs may add services, delete services, and modify services at the contract level. While services may be added in the truly dynamic case (probably more applicable to TG3 than TG1), these contractual changes reflect a change in provisioning that would result in the updating of a CPEs configuration file and its Provisioned QoS Parameter Sets.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken et. al.

Notes in Session #10
Referred to the Management Task Group

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
400	Technical	161	57	Wibowo	Eko	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Should read "Active Service Flows are mapped to a 16-bit Connection Identifier (CID)".

Reason for Edit

In page 158, line 35, it reads "active Service Flows also have a 16-bit Connection Identifier (CID)".

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
401	Editorial	161	60	Marks	Roger	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "MSAP" to "SAP" in both line 60 and line 61.

Reason for Edit

"SAP" is more commonly used in document and is already defined.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
402	Editorial	161	60	Marks	Roger	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "an" to "a".

Reason for Edit

Grammar.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
403	Editorial	161	60	Wibowo	Eko	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Should read "Outgoing user data is submitted to the MSAP by a convergence sub-layer process".

Reason for Edit

Language.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
404	Editorial	161	61	Wibowo	Eko	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Should read "The information delivered to the MSAP includes the Connection Identifier identifying ".

Reason for Edit

Typo.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
405	Editorial	161	62	Wibowo	Eko	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Should read "The Service Flow for the connection is mapped to the Connection Identifier (CID)".

Reason for Edit

Language.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
406	General	162	20	Wibowo	Eko	Observer	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Identify the meaning of "N" and "0,1".

Reason for Edit
Symbols not defined.

Resolution in Session #10 referred to group **Action Item Assigned To:** Glen

Notes in Session #10
Figure has to be fixed. Double apperance of SFID and number of possible links missing.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
This diagram needs to be changed still [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
407	Editorial	164	32	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
after "QoS Parameter Sets" insert "to the BS in the DSC-REQ message" Same change to the 1st sentence of the next paragraph.

Reason for Edit
Clarity.

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
408	Editorial	178	30	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the wording of the figure label from "Dynamic Deletion (DSD)" to DSD

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

consistency with previous figure's labels

Resolution in Session #10 accepted **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
409	Technical	200	39	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Basic Service" to "Basic or Secondary Management Service".

Reason for Edit

A CPE must have both to be managed.

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
410	Editorial	205	58	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "connectionss" to "connections"

Reason for Edit

typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
411	Editorial	206	26	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "date" to "data"

Reason for Edit

typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
412	Editorial	206	26	Hameed	Farooq	Neither	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Instead of "single packet date" should be "single packet data".

Reason for Edit
Typo.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
413	Editorial	206	43	Marin	Scott	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
At the beginning of the sentence, change "SS use" to "A SS uses"

Reason for Edit
Grammar improvement

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
414	Editorial	207	10	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "SS" to "the SS".

Reason for Edit
typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
415	Editorial	207	11	Marin	Scott	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "Since the BS authenticates SS" to "Since the BS authenticates a SS"

Reason for Edit
grammar improvement.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
416	General	207	29	Marin	Scott	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Reason for Edit
The use of the term SA is confusing (grammatically) in several places on page 207. On page 207, line 29, SA is defined as a set of information, which is OK, but later on page 207, line 37 SA is personified (e.g. Security Association's) which implies that a SA is a thing that owns something. On page 207, line 45, the term SAID is used but not defined on page 207 or in the definitions section either. On page 207, line 62, SA is used possessively again (e.g. SA's).

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
Definition of SA will be provided

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
definition of SA must be put in here [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
417	Technical	207	53	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Basic" to "secondary management"

Reason for Edit

The traffic on the Basic CID is never encrypted since it is likely to be redundant and CBC doesn't handle that with great security. If, however, the Basic CID is just being used as a shortened SS ID for identifying Primary SAs then the text could stand as long as this is explained more clearly.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

418	General	207	65	Marin	Scott	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Reason for Edit

On page 207, Line 65, is says that an SS must request new keying material from the BS before the set of keying material expires. What if the SS is off-the-air and the keying material expires? Add a sentence that explains how an SS resynchronizes after keying material expires.

Resolution in Session #10 referred to group

Action Item Assigned To: Carl

Notes in Session #10

Add sentence: "Every time the SS re-registers, it will re-acquire keying material."

Reason for editor's delay following Session #10

referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
419	TBD	208	26	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Resolve reference

Reason for Edit
TBD

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10
Unresolved

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
420	General	208	39	Hameed	Farooq	Neither	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Remove 'the SS's RSA public key'.

Reason for Edit
Clarity. Text implies that the key is duplicated in the message, since it is already part of the X.509 certificate. This is inconsistent with the description of the "Authorization Request" message, section 2.16.2.1.1 on page 230, line 60.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Carl

Notes in Session #10
Concept will be clarified

Reason for editor's delay following Session #10
referred to group—no resolution given in subsequent action item response

Notes in Session #10.5
Modified per suggestion comment, which is correct [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
421	Technical	209	62	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete the phrase ", along with the SAID,"

Reason for Edit

The SAID is not in the MAC header, and must be derived from the CID.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
422	Technical	210	3	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/15/2000	Updated

Description of Edit

Change the EKS field in the MAC header to be only 2 bits.

Reason for Edit

Since only 2 active values are ever kept, a field with 4 possible values is sufficient for detecting sequencing errors.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor, Ken

Notes in Session #10

Change the EKS length leaving the other 2 bits reserved. Page and line number changes will be provided by Ken.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Awaiting info as per "Notes"

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
423	Editorial	211	26	Hameed	Farooq	Neither	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Change "While the Authorization Reply may identify...." to "must identify" or "shall identify".

Reason for Edit

Clarity. Current text implies that the BS may not identify static SA's whose SAID matched the requesting SS's basic CID. Most likely, the intent here was to say that the message will identify all static SA' whose SAID matches the requesting SS's basic CID and this number may be 0.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**
"Must" or "Shall"?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
424	Technical	213	40	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "and 40-bit DES are" to "is"

Reason for Edit

everywhere else in the document, only 56-bit DES is allowed.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
425	General	216	1	Marin	Scott	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Reason for Edit

The phrase "about to time out" seems incorrect. The wording implies that a future state is being anticipated, which is an interesting way to design a finite state machine. If the wording is correct then how many seconds are involved in the "about to time out" state?

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Editor

Notes in Session #10
Add a reference to Table 64 after the phrase "about to time out".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

426	Technical	217	53	Hameed	Farooq	Neither	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Define some means for the SS to identify permanent errors

Reason for Edit

The SS must be able to identify which errors are of a permanent nature. Currently the spec. is unclear on how the list of permanent errors configured on the BS is transferred to the SS. Some possible ways are 1) Include an explicit field in the Authorization Reject Message. 2) Provide the list in tftp config file. Of the above the option (1) is the most robust. It correctly deals with the situation where the "permanent error list" on the BS changes dynamically, which option (2) does not deal with.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Information is provided by the error code. TLV restructuring should clarify this issue.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
427	Technical	218	1	Hameed	Farooq	Neither	10/29/2000			Awaiting resolution

Description of Edit

Change defintion of silent state. Unauthorized SS's should not be allowed to transmit, even to respond to management requests.

Reason for Edit

Having an authorized SS sending traps or sending other management traffic is undesirable. This means that the MAC is obligated to honor bandwidth requests from unauthorized SS's. This deny's service to authorized users. If management of an SS is required, it should be authorized and then managed. The sequence of actions that must occur is as follows: - The BS is informed that the SS is authorized. - An SNMP message is sent to the SS indicating that it should attempt authorization again. Note that this may be done over some broadcast channel that the SS listens to while in the silent state. - The SS sends an Auth Request to the BS and enters authorized state - Management of SS can proceed at this time.

Resolution in Session #10 referred to group   **Action Item Assigned To:** Ken et. al.

Notes in Session #10

The whole paragraph has to be verified. Referred to the Management Task Group.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
428	Editorial	218	55	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Complete reference. This occurs again on page 219, line 2; page 224, line 59; page 224, line 65, and page 225, line 4.

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need info to complete references

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
429	TBD	225	10	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
resolve reference.

Reason for Edit
unresolved reference

Resolution in Session #10 unresolved

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10
Unresolved

Notes in Session #10.5
added a reference to Figure like other messages listed above t his one [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
430	Editorial	228	60	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "one" to "one byte". Same on page 229, line 42. On page 230, line 22 change "two s" to "two bytes"

Reason for Edit
typo

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
431	Editorial	230	22	Eklund	Carl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
s should be bytes

Reason for Edit
word processor features...

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
432	Editorial	231	53	Stanwood	Ken	Member	10/29/2000	12/13/2000	12/13/2000	Updated

Description of Edit

Should say "Attributes are shown in Table 41." This happens in the next section, too.

Reason for Edit

Floating tables make text refer to nothing.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10
First suggested edit done; need more detailed description on how to resolve second comment

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
433	Technical	231	56	Hameed	Farooq	Neither	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change format of 'Authorization Reject' message. Remove 'Error Code' field.

Reason for Edit

Security requires providing as little information as possible about authorization failures. An example is remote logging in to a workstation; if the login fails the response simply states that it failed and not whether the password or the login name was improper. We should follow a similar model; state whether authorization was successful or it failed and whether the failure was of a permanent nature. Additional information about the failure may be logged by BS and can be used for debugging during installation. However, this information should not be provided to the SS.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
434	Editorial	237	33	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "one" to "one byte" On line 49, change "two s" to "two bytes". On line 59, change "more s" to "more bytes"

Reason for Edit

typo

Resolution in Session #10 accepted　　　　**Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10　　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
435	TBD	237	51	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

resolve TBD

Reason for Edit

TBD

Resolution in Session #10 unresolved　　　　**Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10　　　　**Notes in Session #10.5**
Unresolved TBD　　　　[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
436	Editorial	239	12	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

What appears to be a header row in the table is really an entry and should not be in bold type. A header row with "data type" in the first column and "structure" in the second column would be appropriate. Also "0-n s" in the first row should be "0-n bytes"

Reason for Edit

typo

Resolution in Session #10 accepted　　　　**Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10　　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
437	Editorial	240	9	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "3 s" to "3 bytes". Later in the same line, change "3-" to "3-byte". In line 12, change "3-" to "3-byte". In line 37, change "three s" to "three bytes" On page 241, line 6, change "6-" to "6-byte".

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
438	General	243	10	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

Change "128-" to either "128-byte" which conflicts with line 6, or "128-bit". Whichever is correct should also be done on page 244, line 21.

Reason for Edit

typo

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
Problem on lines 10 and 14. Glen will confirm the correct form.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group   added BYTE after 128 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
439	Technical	243	10	Hameed	Farooq	Neither	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "This attribute contains either a 96 or a 128 bit quantity containing the authorization Key RSA-encrypted with the SS's 1024-bit RSA public key" to "This attribute contains either a 96 or a 128 bit quantity containing the authorization Key RSA-encrypted with the SS's RSA public key"

Reason for Edit

A single length for the SS's RSA key should not be specified. A minimum length should be specified elsewhere in the document. The miminum length may be placed under administrative control.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Fixed previously

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
440	Editorial	244	28	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "8-" to "8-byte". On page 245, lines 53 and 58, the formatting is messed up. On page 246, line 33, change "20-s" to "20 bytes" On page 246, line 38, change "20" to "20-byte" On page 248, line 38, change "8 s" to "8 bytes" On page 248, line 51, change "one-" to "one-byte" On page 249, line 11, change "1-" to "1-byte" On page 250, line 10, change "as-signed" to "assigned" On page 254, line 20, change "1-" to "1-byte" On page 255, line 45, change "1-" to "1-byte" On page 257, line 9, change "1-" to "1-byte"

Reason for Edit

typos

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
441	Editorial	252	45	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the word from "Uint16" to "uint16"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

consistency with previous usage

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
442	Editorial	253	51	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change the word "Uint8" to read "uint8"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

consistency with previous usage

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
443	Editorial	254	17	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Uint8" to "uint8"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

consistency with previous usage

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
444	Editorial	255	42	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Uint8" to read "uint8"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

consistency with previous usage

Resolution in Session #10 accepted

Action Item Assigned To: Editor

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
445	Editorial	257	6	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Uint8" to read "uint8"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

consistency with previous usage

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

| **446** | Editorial | 257 | 38 | Hameed | Farooq | Neither | 10/29/2000 | 11/09/2000 | 12/14/2000 | Updated |

Description of Edit
Change "a SS (Customer Premise Equipment) device attached to one of the BS's client SS" to "Customer Premise Equipment device attached to one of the BS's client SS"

Reason for Edit
Typo.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

| **447** | TBD | 257 | 49 | Stanwood | Ken | Member | 10/29/2000 | | | Awaiting resolution |

Description of Edit
resolve TBD

Reason for Edit
TBD

Resolution in Session #10 unresolved   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10
Unresolved TBD

Notes in Session #10.5
Requires definition of SA mapping, including support for multicast traffic

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
448	General	258	20	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Figure 6-1 is referenced, but it appears that no table of that number, or with the suspect subject matter is available

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

Figure 6-1 is missing, suspect that it may reference a figure that would be a companion to Table 64

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
References will be provided.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
449	General	258	50	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Figure 6-1 is referenced, but it appears that no table of that number, or with the suspect subject matter is available

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

Figure 6-1 is missing, suspect that it may reference a figure that would be a companion to Table 64

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
References will be provided.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
450	General	259	15	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Figure 6-2 is referenced, but it appears that no table of that number, or with the suspect subject matter is available

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

Figure 6-2 is missing, suspect that it may reference a figure that would be a companion to Table 64

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
References will be provided.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
451	General	259	58	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit
Figure 6-1 is referenced, but it appears that no table of that number, or with the suspect subject matter is available

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

Figure 6-1 is missing, suspect that it may reference a figure that would be a companion to Table 64

Resolution in Session #10 referred to group   **Action Item Assigned To:** Glen

Notes in Session #10
References will be provided.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
[Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
452	Editorial	260	25	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change first 2 occurrences of "frame" in this sentence to "MAC PDU or fragment". Change the third occurrence (on line 26) to "PDU". Change the occurrence in line 39 to "MAC PDU or fragment's"

Reason for Edit

reflect current definition of frame vs. PDU.

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
453	Technical	260	43	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change this paragraph to read "In the special case when the MAC PDU or fragment's to-be-encrypted plaintext is less than 64 bits the data will not be encrypted.

Reason for Edit

As note 12 indicates, CBC has the side effect that this case is actually worse from a security point of view than not encrypting, so why implement special logic?

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
454	Editorial	261	24	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "8-" to "8-byte" On line 25, change "of each are" to "of each byte are" On line 26, change "that the has" to "that the byte has" On line 30, change "8-" to "8-byte"

Reason for Edit

typo

Resolution in Session #10 accepted   **Action Item Assigned To:** Editor

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
455	Editorial	269	26	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the text from "can vary in time" to "can vary over time"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

Clarity of meaning

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
456	Editorial	269	27	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the wording from "either based upon" to "based either upon"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
457	Technical	269	38	Guillemette	Phil	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

following "...adaptive modulation" insert ",Frequency Switched Division Duplexing (FSDD),"

Reason for Edit

To give introduction to FSDD prior to section 3.2.1.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Resolved by comment 459.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
458	Editorial	269	38	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove the sentence starting with "The primary difference..." and ending with "... are supported."

Reason for Edit

Subjective statment

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
459	Technical	269	46	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add the following after the last sentence of 3.1.2: "Furthermore, the burst mode of operation in the FDD case can handle subscribers restricted of transmitting and receiving at the same instant due to their specific transceiver implementation."

Reason for Edit

Through the document this feature is never discussed yet it is one of the main issues of PHY Mode B and some MAC related support.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Add the following sentence after the 2nd sentence in section 3.1.2 (line 38): "Furthermore, the burst mode of operation in the FDD case can handle subscribers incapable of transmitting and receiving at the same instant due to their specific transceiver implementation."

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
460	Editorial	269	59	Guillemette	Phil	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

remove the words "the ability"

Reason for Edit

The sentence did not seem continuous with these words.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
461	Technical	269	61	Condie	Mary	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Insert "A base station is considered compliant to this standard if it supports at least one of Mode A or Mode B".

Reason for Edit

Make explicit what is required for BS to be compliant.

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

This statement may be better to be located near the beginning of the document. Editor to insert this in the proper place in the document.

Reason for editor's delay following Session #10

Insert where in document? See "Notes"

Notes in Session #10.5

Inserted text in 8.2.1 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
462	Editorial	270	10	Guillemette	Phil	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete the two sentences that begin at "Elements that are idnetified..."

Reason for Edit

This information is already at the beginning of the document. If we were to repeat the information, then it would make more sense to repeat it at the beginning of section 3 as opposed to only within the Mode A overview where some people may miss it while reading the document.

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
463	Technical	270	28	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "in section Figure 2.6.4" to "in section 2.6.4, Figures 51 and 52"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

insertion of proper figure numbers from referenced section

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

464	Editorial	270	28	Guillemette	Phil	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
remove the word "Figure" in reference to section 2.6.4

Reason for Edit
the word should not be there.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

465	Technical	270	49	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
insert or TFM constellations

Reason for Edit
TFM uses its own preamble and constellation

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Due to 555 rejection

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
466	Editorial	271	4	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete "FSDD or"

Reason for Edit

That mode doesn't exist anymore.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
467	Technical	271	4	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove the remark stated in parenthesis "(it is not applicable...)"

Reason for Edit

2 problems here: (1) Due to the dynamics a temporary situation where a single modulation scheme is being used could occur (i.e., heavy rain) (2) FSDD is not defined in the document (see next comment)

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
468	Technical	271	10	Lewis	Niclas	Neither	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

The pointer byte refers to the beginning of a MAC frame or the beginning of stuff bytes within a TC layer packet. A problem will arise in the case when a MAC frame is less than 186 bytes and is followed by stuff bytes since a single pointer is required to identify two situations within the same TC layer packet.

Reason for Edit

To clarify usage of pointer byte in convergence layer packet

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Pointer byte ambiguity. Function is currently defined to point to MAC message start and to stuff byte start. Editorial team: Add sentence to note purpose of pointer is to trigger search for first byte in new MAC frame. Add the following sentence on line 18: "This pointer byte indicates to the receiver where it should begin looking for the next MAC packet, which could be preceded by stuff bytes."

Reason for editor's delay following Session #10
Where on line 18? "Notes" incomplete

Notes in Session #10.5
The sentence should precede the one starting with the words "For reference, the first byte in the packet…"

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
469	Editorial	271	17	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "frame" to "PDU" here, in line 18, and in line 22.

Reason for Edit

Reflect current definition of frame in document.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
470	Technical	271	44	Marin	Scott	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Insert new sentence, "Modems compliant to European Telecommunication Standards Institute specification 'Digital Video Broadcast (DVB) Frame Structure, Channel Coding and Modulation for 11/12 GHz Satellite Services,' EN 300-421 are may be compatible with Mode A transmissions." If change is accepted, add EN 300-421 to the bibliography (page 321, line TBD).

Reason for Edit

Alert reader of possible implementation, but use the words "may be compatible" so as to not require compatibility with future revisions of the 802.16 or ETSI specs.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Modify change to "Downstream components compliant to European Telecommunication Standards Institute specification 'Digital Video Broadcast (DVB) Frame Structure, Channel Coding and Modulation for 11/12 GHz Satellite Services,' EN 300-421 may be compatible with Mode A downstream transmissions." {S.Marin: Alert reader to compatibility with EN 300 421. J.Klein: This could cause confusion. K.Stambaugh: Modify to include text limiting the statement to components for Mode A downstream transmission compliant with EN 300 421.}

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Insert where?   Add this sentence after the sentence ending on line 8.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
471	Technical	272	39	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete all of section 3.2.1.2.1 Baseband Interfacing

Reason for Edit

This section doesn't add anything new.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
472	Editorial	274	52	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "(i.e .47hex)" to "(i.e. 47hex)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

fix typo

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
473	Technical	275	1	Lewis	Niclas	Neither	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

The depth of the interleaver is fixed across all of the different baud rates suggested for the standard. As the baud rate increases the span over which the interleaver operates is reduced which decreases its effectiveness. Is the depth adequate for the maximum symbol rate specified of 43.4 Mbaud?

Reason for Edit

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
474	Technical	275	8	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "depth (M) cells" to "depth (M*j) cells"

Reason for Edit
Number of cells in each branch is a function of the branch number.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
475	Technical	276	38	Stambaugh	Karl	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit
copy the table from page 306 line 35-45.

Reason for Edit
A detailed table should accompany this diagram to define which bits are first in the stream. This is done elsewhere in the standard.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Karl Stambaugh

Notes in Session #10
Table to be added to clarify constellation mapping, but editor needs to ensure that the mapping reflects the current constellation. {J.Foerster: Editor to add table, ensuring consistency with constellation diagram}

Reason for editor's delay following Session #10   **Notes in Session #10.5**
Need more specific info.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
476	Technical	276	47	Guillemette	Phil	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Replace "xxx" with "EN 301 210".

Reason for Edit
was missing the reference

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10
Editor to verify this is the proper reference.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
477	Editorial	276	47	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "as described in xxxx." to "as described in Table 66 and Figure 123."

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

provides references to the proper table and figure

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
478	Editorial	277	1	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

correct formatting of text line length problems

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

current formatting causes unreadability

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10
This is a result of the equation appearing between text. Put these on their own lines, perhaps?

Notes in Session #10.5
Put the equations on separate lines, or use symbol fonts to obviate need for in-line equation.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
479	Technical	277	6	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/20/2000	Updated

Description of Edit

revise figure 122, or add a figure for QPSK and one for 64 QAM to show a sample implementation for each scheme

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

the implementation shown in figure 122 does not clearly demonstrate the way the interleaver should work with q = 0 or q = 2, two other figures can be provided to expand figure 122 to include these cases

Resolution in Session #10 referred to editor　　**Action Item Assigned To:** Karl Stambaugh

Notes in Session #10

Correct drawing to reflect proper description. Note that when q=0, there is no meaning for q-1 in the top line of the drawing. Karl S. to provide a contribution.

Reason for editor's delay following Session #10
Need new figure

Notes in Session #10.5
The figure is contained in ITU j.83 Annex A.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
480	Technical	278	1	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Is it reasonable to utilize 2 different constellations for the same modulation scheme used in Mode A and Mode B, the 16 QAM scheme here differs from that of the 16 QAM constellation shown in Figure 132 on page 292

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

Questions why two implementations must be implemented for the same constellation

Resolution in Session #10 rejected　　**Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
481	Technical	278	24	Stambaugh	Karl	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

copy the table from page 307 line 30-62.

Reason for Edit

A detailed table should accompany this diagram to define which bits are first in the stream. This is done elsewhere in the standard.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Karl Stambaugh

Notes in Session #10

Table to be added to clarify constellation mapping, but the table on page 307 is not the right mapping. {K.Stambaugh: substitute the constellation map. J.Foerster: these should be direct copies from DVB. Mode A and Mode B have different constellations. J.Foerster will add a table to clarify symbol mapping.}

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need table with correct mapping?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
482	Technical	279	2	Stambaugh	Karl	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

copy the table from page 308 line 45+.

Reason for Edit

A detailed table should accompany this diagram to define which bits are first in the stream. This is done elsewhere in the standard.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Karl Stambaugh

Notes in Session #10

Table to be added to clarify constellation mapping, but editor needs to ensure that the mapping reflects the current constellation. {K.Stambaugh: substitute the constellation map. J.Foerster: these should be direct copies from DVB. Mode A and Mode B have different constellations. J.Foerster will add a table to clarify symbol mapping.}

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need table with correct mapping?

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
483	Editorial	279	51	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

3.2.2 should start on a new page

Reason for Edit

Clarity

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

484	Editorial	279	57	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove the sentence starting with "Operating with a burst..." and ending with "...of operation".

Reason for Edit

Not informative. Issues are addressed clearly in the next sentences

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

485	Editorial	279	61	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "phase recover" to "phase recovery"

Reason for Edit

language error

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
486	Editorial	279	61	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "recover" to "recovery"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
487	Editorial	279	63	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Delete the word "Section"

Reason for Edit
appears twice

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
488	Technical	280	5	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "layer bytes are added" to "layer pointer byte is added"

Reason for Edit
the TC layer adds only one byte now - saying "bytes" is confusing.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
489	Editorial	280	25	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "frame" to "PDU" In line 30, change "frames" to "PDUs" In line 31, change "frame" to "PDU"

Reason for Edit

Reflect current definition of frame in document.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
490	Technical	281	1	Klein	Jay	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Change "Subscriber Station" to "Base station" Change "Base station" to "Subscriber Station" Change "Matched filter" to "Matched filter/Equalizer"

Reason for Edit

There is a mistake in the figure as Downlink is the one being addressed.

Resolution in Session #10 accepted   **Action Item Assigned To:** Jay Klein

Notes in Session #10

J.Klein: Swap labels on subscriber terminal and basestation, add equalizer.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need editable figure file

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
491	Editorial	281	13	Condie	Mary	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Change "Subscriber Station" to "Base Station" and vice versa

Reason for Edit

Block names in figure 126 are incorrect.

Resolution in Session #10 accepted   **Action Item Assigned To:** Jay Klein

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Need editable figure file

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
492	Editorial	281	37	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
delete "the following"

Reason for Edit
The parameters do not follow.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
493	Editorial	281	37	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change 16 to 12. After groups insert "(see section 2.5.2.2)"

Reason for Edit
Correct discrepancy.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
494	Technical	281	40	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
insert before "FEC scheme..." the words "a fixed"

Reason for Edit
Clarity

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
495	Technical	281	44	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "CPEs" to "SSs"

Reason for Edit
We use SS instead of CPE.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
496	Technical	281	54	Stanwood	Ken	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit
There should be a capability negotiation long before the registration request and response.

Reason for Edit
They're actually very far into the access process and this needs to be resolved between the CPE and BS earlier.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10
Recommended Changes: 1) Remove; " using the Registration Request and Response MAC messages described in Sections 2.5.7 and 2.5.8." 2) Defer to MAC group detailed resolution. {K.Stanwood: Convey modem information to basestation prior to registration. Allows terminal operation in most-efficient PHY mode at earliest time. Unresolved pending MAC discussions on same topic.}

Reason for editor's delay following Session #10   **Notes in Session #10.5**
"Notes" incomplete. Clarify   ignore note (2); handled elsewhere

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
497	Technical	282	5	Guillemette	Phil	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Insert the actual polynomial into or following figure 127.

Reason for Edit

To be consistent with 3.2.1.2.2.

Resolution in Session #10 accepted 　　　**Action Item Assigned To:**

Notes in Session #10

Polynomial shoulb be copied from page 273 line 28. {Insert randomizer polynomial for Mode B, same as for Mode A. J.Klein: Copy the polynomial from page 273 line 28.}

Reason for editor's delay following Session #10

Should it be "into" or "following"?

Notes in Session #10.5

Copy the first sentence from page 273 line 28. Place it after the sentence ending on page 282 line 2.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
498	Technical	282	27	Guillemette	Phil	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

insert "The preambles are not randomized." before "The seed value..."

Reason for Edit

Just to be clear that the preamble is not randomized.

Resolution in Session #10 accepted 　　　**Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
499	Technical	282	29	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert a new sentence at the end of the paragraph: The randomizer sequence is applied only to information bits. The sequence generator pauses while parity bites are being transmitted.

Reason for Edit

adds explicit definition.

Resolution in Session #10 accepted-modified 　　　**Action Item Assigned To:**

Notes in Session #10

Change to read as follows; "The randomizer sequence is advanced only as new information bits arrive. "

Reason for editor's delay following Session #10 　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
500	Technical	282	40	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add three (3) additional optional code types to table 68 as follows: Code Type: 5 (optional) associated with QPSK modulation, Outer code: Reed Solomon over GF(256), Inner Code: Convolutional code rate 2/3 Code Type: 6 (optional) associated with 16 QAM modulation, Outer code: Reed Solomon over GF(256), Inner Code: Convolutional code rate 3/4 Code Type: 7 (optional) associated with 64 QAM modulation, Outer code: Reed Solomon over GF(256), Inner Code: Convolutional code rate 5/6

Reason for Edit

These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
501	Technical	282	51	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "types 3 and 4" to "types 3 to 7"

Reason for Edit

These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
502	Technical	282	54	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "coding options" to "coding alternatives"

Reason for Edit
Accuracy. Some of the codes are mandatory while some are optional yet all are valid alternatives

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
503	Technical	282	55	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "four" to "seven"

Reason for Edit
These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
504	Technical	282	57	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change the value for the protection requiered to for the RS code to t=0 to t=16

Reason for Edit
Compatibility with table 9 (page 71), table 12 (page 76), table 90 (page 311), table 80 (page 297)that define RS correction capability T=0-16

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
505	Technical	282	60	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "The coding rate is 2/3" to "The inner coding rate is 2/3"

Reason for Edit
The overall coding rate depends on the Reed Solomon parameters. The inner coding rate is fixed to 2/3.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
506	Editorial	282	62	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "his" to "is" Change "The code itself" to "The inner code"

Reason for Edit
typo and accuracy

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
507	Editorial	282	62	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "code his useful" to "code is useful"

Reason for Edit
spelling.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
508	Editorial	282	62	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "code his useful" to "code is useful"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct type

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
509	Technical	283	5	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert: (5), (6), and (7) Reed Solomon + Convolutional code (soft decodable): These optional codes rates 2/3, 3/4 and 5/6 provide good C/N enhancement.

Reason for Edit
These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
510	Technical	283	6	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "1-3" to "1-7"

Reason for Edit
These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
511	Editorial	283	8	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change section starting with "The outer block..." and ending with "...byte errors." To the following: "The outer block code in code types 1-3 shall be a shortened, systematic Reed-Solomon code generated from GF(256) with variable information block lengths (K) and error correction capability able to correct up to 16 byte errors."

Reason for Edit

Technical accuracy and ordering. There are some limitations on K which are understood by reading the next few sentences.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Change to: "The outer block code in code types 1-3 shall be a shortened, systematic Reed-Solomon code generated from GF(256) with variable information block lengths (K) and error correction capability able to correct up to 16 errored bytes." Also apply to 3.3.3.2.1

Reason for editor's delay following Session #10   **Notes in Session #10.5**

| **512** | Editorial | 283 | 11 | Hunter | Wayne | Member | 10/29/2000 | 11/09/2000 | 12/14/2000 | Updated |

Description of Edit

change "up to 16 byte errors." To "up to 16 errored bytes."

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct grammar and clarity of meaning

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
513	Editorial	283	18	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Line 18 and points (3) and (4 on lines 27 and 30 should be corrected: In case of code type 2, R should be chosen ... (3) If inner code is either of type 1 or 3 or if the code type is 2 with (M+R) even, then All of the .... (4) If inner code type is 2 with (M+R) odd, then The first ....

Reason for Edit

Code type 2 (block convolutional code) needs zero prepending, when (M+R) is odd.

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Change as stated above and also in section 3.3.3.2.1

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
514	Technical	283	27	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "1 or 2" to "1, 2, 5, 6, or 7"

Reason for Edit

These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
515	Editorial	283	48	Condie	Mary	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add reference to section 2.5.3 (DL-MAP definition).

Reason for Edit

Clarity

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
516	Editorial	283	54	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
remove footnote #8 symbol after (7,5)

Reason for Edit
no footnote to reference.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
517	Editorial	283	54	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "the last 2 bits of the block" to "the last 2 bits of the message block"

Reason for Edit
Accuracy

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
518	Technical	283	56	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Add the following: "Thus the encoder as well as the trellis decoder will have the same initial and ending state for a message block".

Reason for Edit
Technical accuracy.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10
Change to; "Thus the encoder will have the same initial and ending state for a message block".

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
519	Technical	284	17	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "inserted as the MSB" to "inserted as the LSB" Remove "the result is a 9(K+R) block of bits, LSB first."

Reason for Edit

To be consistent with p.59 l.1 which calls for a MSB oriented transport. In most cases it would be easier to add the parity at the end (LSB) of a byte after all bits are collected.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Change should also be reflect in section 3.3.3.2.3

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
520	Editorial	284	34	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Remove sentence "Because extended..."

Reason for Edit

Not useful in a standard document

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
521	Technical	285	19	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

delete all text and figures from page 285 line 27 to page 286 line 12

Reason for Edit

this doesn't belong in a standard - it is an implementation tutorial.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
522	Editorial	286	15	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Product code" to "product code"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
523	Editorial	287	5	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "D22, ...E88" to "D22,...., E88"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
524	General	287	17	Stambaugh	Karl	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit
no suggestion here

Reason for Edit
The description of how to shorten a BTC is insufficient to actually implement it. For instance, this line says "Either rows or columns can be removed until....". This does not define anything that an implementer can actually use. For the shortening of codewords to work, the hardware only knows how many bytes are allocated for the whole shortened codeword, which includes both information and parity bytes. From that number, the hardware must be able to calculate exactly how many rows and columns to eliminate. The upstream description (section 3.3.3.2.4) must likewise be changed.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:** Dave Williams

Notes in Session #10
Dave Williams to submit changes as reviewed by the task group as a contribution. Contribution will be published by 8:00 am CST 11/08/2000. Submiited and reviewed by PHY group on 11/09/00 and accepted.

Reason for editor's delay following Session #10
contribution submitted by not found by editor

Notes in Session #10.5
contribution inserted

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
525	Editorial	287	63	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "purposes of encoding" to "purpose of encoding"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
526	General	288	37	Klein	Jay	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Type 2 interleaver does not have a clear description (i.e., k2 parameter)

Reason for Edit

Clarification

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10
For clarification, refer to Figure 128.

Reason for editor's delay following Session #10
Need more detailed description of suggested edit

Notes in Session #10.5
New sentence: "In this mode, the encoded bits are read from the encoder after the first k2 rows (Figure 128) are written into the encoder memory."

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
527	Technical	289	16	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add a new section with the title "Codes 5, 6 and 7: Convolutional Codes (Optional)" and the following text: "The inner mother code in these concatenated coding schemes is based on a convolutional code with memory 6 (64 states), rate 1/2. The inner mother code is punctured to derive higher inner code rates, e.g. 2/3, 3/4 and 5/6. An example of a puncturing pattern is given in the following table." Insert a table with the title "Example of puncturing patterns for the inner convolutional codes 5,6, and 7" The content of the table is as follows: Inner code rate Puncture pattern 2/3 1 0, 1 1 3/4 1 0 1, 1 1 0 5/6 1 0 1 0 1, 1 1 0 1 0

Reason for Edit

These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
528	Technical	289	19	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change the first sentence of the paragrph to read, 'The PHY/MAC control portion of the downstream frame shall be encoded with a well known modulation and coding combination designated as TDM Burst Type 1 with DIUC = 0. TDM Burst type 1 uses a fixed set of parameters in order to ensure that all subscriber stations can read the information.'

Reason for Edit

Define explicitly the MAC DIUC code 0

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Add at the end of 3.2.2.2.9 the following: "This operation mode will be designated as TDM Burst Type 1 (DIUC=0)"

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
529	Technical	289	24	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert a new paragraph: The Reed-Solomon codewords shall not be shortened. Stuff-bytes (FFhex) shall be appended as necessary to the end of the control messages to fill an integral number of codewords.

Reason for Edit

Defines how to handle the case when there are fewer information bytes than what is carried by a number of codewords.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Add on page 289 line 23 the following: "Stuff-bytes (FFhex) shall be appended as necessary to the end of the control messages to fill up the minimum number of codewords. "

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
530	General	289	29	Hunter	Wayne	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

add a definition or explanation of CAZAC sequences

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

CAZAC sequences are used presumably because of special properties they have, but these properties are not mentioned

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Add a reference to a document: A. Milewski, "Periodic Sequences with Optimal Properties for Channel Estimation and Fast Start-Up Equalization," IBM RES. Develop., Vol. 37, No. 5, Sept. 1983 ,pp. 426-431.

Reason for editor's delay following Session #10

unknown

Notes in Session #10.5

Add a reference mark (as in [.]) at the end of the sentence ending on line 29, page 289 (…CAZAC sequences[seq#].) Include the reference in the section listing the sources.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
531	Editorial	289	29	Guillemette	Phil	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

insert "(constant amplitude zero auto-correlation)" following the word "CAZAC".

Reason for Edit

This is the first time the abreviation is used so it should be expanded.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
532	Editorial	291	53	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "QPSK, 16-QAM, (both mandatory) and 64-QAM." To "QPSK, 16-QAM, and 64-QAM (optional)."

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

to co-ordinate these requirements with those of page 270, line 9.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
533	Technical	291	61	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert another paragraph: At the end of each burst, the final FEC encoded message may not end exactly on a PS boundary. If this is the case, the randomizer shall generate random bits as needed to fill the gap between the end of the encoded message and the start of the next burst, which must start on a PS boundary.

Reason for Edit

QPSK, 16QAM and 64QAM carries either 1, 2 or 3 bytes of data in each Physical Slot (PS). This addition defines what to do between the end of the encoded message and the start of the next burst.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Modify insertion as follows; At the end of each burst, the final FEC encoded message may not end exactly on a PS boundary. If this is the case, the gap between the end of the encoded message and the start of the next burst will be filled with zero bits.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
534	Technical	297	23	Klein	Jay	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit
the "Randomization" item in table 80 should be re-located to be the first element in the table

Reason for Edit
Match signal flow

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10
Modify to: the "Randomization" item in table 80 should be re-located to be the second element in the table

Reason for editor's delay following Session #10
Move between "Outer Coding" and "Inner Coding"?

Notes in Session #10.5
Move prior to (immediately above) "Outer Coding."

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
535	Technical	297	51	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Delete the first sentence. Change the start of the next sentence from "When the transmission convergence layer is enabled," to "At the transmission convergence layer"

Reason for Edit
The TC layer should not be able to be disabled in the uplink. It provides a valuable resynchronization capability. For GPT terminals it is necessary since multiple PDUs from a multitude of connections are concatenated into a single burst. Even in GPC mode, the PDU concatenation is defined such that if a CPE is granted back to back allocations for more than one connection, they are concatenated into a single burst which opens the possibility that the PDU from a subsequent connection starts in the middle of an FEC block.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10
To be resolved with the MAC group

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
536	Technical	297	55	Stambaugh	Karl	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "layer bytes are added" to "layer pointer byte is added"

Reason for Edit

the TC layer adds only one byte now - saying "bytes" is confusing.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
537	Editorial	297	57	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "first MACPDU" to read "first MAC PDU"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
538	Editorial	297	60	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "frame" to "PDU". On line 63, change "frames" to "PDUs". On page 298, line 1, change "frame" to " PDU"

Reason for Edit

Reflect current definition of frame in document.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
539	Technical	299	10	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add three (3) additional optional code types to table 81 as follows: Code Type: 5 (optional) associated with QPSK modulation, Outer code: Reed Solomon over GF(256), Inner Code: Convolutional code rate 2/3 Code Type: 6 (optional) associated with 16 QAM modulation, Outer code: Reed Solomon over GF(256), Inner Code: Convolutional code rate 3/4 Code Type: 7 (optional) associated with 64 QAM modulation, Outer code: Reed Solomon over GF(256), Inner Code: Convolutional code rate 5/6

Reason for Edit

These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
540	Technical	299	22	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "types 3 and 4" to "types 3 to 7"

Reason for Edit

These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
541	Technical	299	25	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "four" to "seven"

Reason for Edit
These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
542	Technical	299	27	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change the value for the protection requiered to for the RS code to t=0 to t=16

Reason for Edit
Compatibility with table 9 (page 71), table 12 (page 76), table 90 (page 311), table 80 (page 297)that define RS correction capability T=0-16

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10
Changed to technical.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
543	Technical	299	40	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Insert: (5), (6), and (7) Reed Solomon + Convolutional code (soft decodable): These optional codes rates 2/3, 3/4 and 5/6 provide good C/N enhancement.

Reason for Edit
These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
544	Technical	299	41	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "1-3" to "1-7"

Reason for Edit
These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
545	Technical	299	62	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Change "1 or 2" to "1, 2, 5, 6, or 7"

Reason for Edit
These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
See comment 550.

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
546	Editorial	302	47	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Product code" to read "product code"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
547	Editorial	303	41	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "D22, ...E88" to read "D22, ..., E88"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correct typo

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
548	Editorial	304	34	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "for the purposes of encoding." to "for the purpose of encoding."

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

correction of grammar

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
549	Technical	304	46	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the table heading "(32,24)" to read "(30,24)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

to be consistent with the aggregate code rate value of 0.608

Resolution in Session #10 accepted　　　**Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10　　　　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
550	Technical	305	48	Aboukarr	Bakri	Observer	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add a new section with the title "Codes 5, 6 and 7: Convolutional Codes (Optional)" and the following text: "The inner mother code in these concatenated coding schemes is based on a convolutional code with memory 6 (64 states), rate 1/2. The inner mother code is punctured to derive higher inner code rates, e.g. 2/3, 3/4 and 5/6. An example of a puncturing pattern is given in the following table." Insert a table with the title "Example of puncturing patterns for the inner convolutional codes 5,6, and 7" The content of the table is as follows: Inner code rate Puncture pattern 2/3 1 0, 1 1 3/4 1 0 1, 1 1 0 5/6 1 0 1 0 1, 1 1 0 1 0

Reason for Edit

These code types are introduced in an effort to harmonize IEEE 802.16.1 with ETSI BRAN-HiperAccess.

Resolution in Session #10 rejected　　　**Action Item Assigned To:**

Notes in Session #10
For: 2, Against: 7. Rejected.

Reason for editor's delay following Session #10　　　　　　**Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
551	Technical	305	56	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "QPSK must be supported, while 16-QAM and 64-QAM are optional," to read "QPSK must be supported, along with 16-QAM while 64-QAM is optional,"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

to be consistent with section 3.1.3.3

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
552	Technical	305	57	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

insert TFM

Reason for Edit

TFM should also be an optional modulation type

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Due to 555 rejection

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
553	Technical	311	11	Stanwood	Ken	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

delete the Transmission convergence layer row from the table.

Reason for Edit

The TC layer should not be able to be disabled in the uplink. It provides a valuable resynchronization capability. For GPT terminals it is necessary since multiple PDUs from a multitude of connections are concatenated into a single burst. Even in GPC mode, the PDU concatenation is defined such that if a CPE is granted back to back allocations for more than one connection, they are concatenated into a single burst which opens the possibility that the PDU from a subsequent connection starts in the middle of an FEC block.

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10
To be resolved with MAC group

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
554	Technical	311	36	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
insert or TFM (optional)

Reason for Edit
Include TFM in Table 90, summary of the Upstream Physical Layer Parameters

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10
Due to 555 rejection

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
555	Technical	311	42	Lindh	Lars	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert the contents of the document IEEE 802.16.1c-00/08 "TFM Modulation for the 802.16.1 Uplink"

Reason for Edit

IEEE 802.16.1 is an international standard with a potential for world wide adoption. In order to address the residential and SOHO market sector TFM is proposed as an optional modulation scheme for the uplink.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
556	Technical	311	44	Lewis	Niclas	Neither	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Suggest only having one roll-off factor defined in order to reduce the number of system parameters. ETSI BRAN has a roll off of 0.3. With this roll off factor the channel size tables would be: Channel Size Baud Rate(Mbaud) Recommended Frame Size PS/frame 12.5 9.6 2 4800 14 10.75 2 5375 20 15.3 1 3825 25 19.2 1 4800 28 21.5 1 5375 36 27.6 1 6900 40 30.6 0.5 3825 50 38.4 0.5 4800

Reason for Edit

Reduce number of system configuration parameters

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
557	Editorial	311	47	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "the baud rates and RF channel bandwidths have been left somewhat flexible in order to allow service providers..." to "several baud rate options and RF channel bandwidth options are required in order to allow service providers..."

Reason for Edit

This is more accurate than "somewhat flexible"

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
558	Technical	311	52	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the section starting with "The following tables..." and ending with "...0.25, and 0.35." with the following: "It is recommended that the system will generally support baud rates in the range of 10 to 32 MBaud. Nyquist Root-Raised Cosine pulse shaping with a roll-off factor of 0.15, 0.25 and 0.35 will be used. The system shall operate on one or more of the recommended channel arrangements presented in the following tables. Although other vendor specific channel sizes and baud rates may also be implemented it is expected that the listed channel arrangements will address the majority of deployment scenarios worldwide. Note that baud rates are chosen to provide an integer number of PSs per frame. The frame size choice compromises between transport efficiency (i.e., frame overhead) and latency."

Reason for Edit

Provides a better and clearer guidelines and explanations of choosing channel arrangements

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
559	Technical	313	32	Leiba	Yigal	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Delete the paragraph starting with 'In order to satisfy timing requirements for telephony or other CBR applications (T1/E1)...' and ending with '... or an internal oscillator with time stamps coming from the MAC layer at the base station.' Another option is to make the requirements in this paragraph non mandatory (i.e. replace 'should' by 'may')

Reason for Edit

Supplying the clock for entities outside the scope of the standard need not be a mandatory part of the standard.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10
Remove only the following sentence (from line 36) starting with "A time stamp" and ending with "at the base station"

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
560	Technical	314	1	McGregor	Andy	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Insert after "... algorithm should ..." the following "support at least 15dB dynamic range and"

Reason for Edit

Clarifies what the minimum requirement on the system is and is compliant with the Coexistence Practice.

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10
Document currently specifies 40 dB range

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
561	Technical	314	16	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "Max. Tx phase noise" to read "Max. Rx phase noise"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

The specification explanation defines the required receiver phase noise performance (note the reference to receiver tracking loop bandwidth), not that of a transmitter.

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
562	Technical	314	16	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

insert section to read as follows: "Max. Tx phase noise 10 kHz away (-68 dBc), 100 kHz away (-78 dBc), 1 MHz away (-98 dBc)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

provide reasonable requirement on transmitter phase noise performance for the base station

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
563	Editorial	314	22	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change "Tx symbol Timing accuracy" to read "Tx symbol timing accuracy"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
564	Technical	314	31	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

change the text from "10-66 GHz / +- 5 ppm (including aging and temperature variations)" to read "recommend not less than 5ppm, 10 ppm, or 30 ppm as noted in the following frequency bands: 10 - 19.7 GHz / +- 5 ppm (including aging and temperature variations), 19.7 - 31.3 GHz / +- 10 ppm (including aging and temperature variations), 31.3 - 66 GHz / +- 30 ppm (including aging and termperature variations)"

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

provides a workable specification modeled after the US - FCC "part 101" specification for these frequency bands

Resolution in Session #10 rejected

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
565	Editorial	314	33	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Spectral Mask" to "Spectral mask"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
566	Editorial	314	33	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Composite Group delay" to read "Composite group delay"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
567	Technical	314	37	Klein	Jay	Member	10/29/2000	12/14/2000	12/27/2000	Updated

Description of Edit

Change "<20% of symbol period for 16-QAM" to "<40% of symbol period for 16-QAM"

Change "<10% of symbol period for 64-QAM" to "<20% of symbol period for 64-QAM"

Reason for Edit

Current spec too tight (highly depends on the exact curvature of phase distortion).

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5
made changes in 8.2.7 [Edits by GS]

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
568	Technical	314	42	Klein	Jay	Member	10/29/2000			Awaiting resolution

Description of Edit

Must increase the "1.0 dB" ptp value

Reason for Edit

Current spec too tight (highly depends on the exact curvature of amplitude distortion). May force unnecessary pre-equalization as channel distortion will can be greater

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10
Defer to Tx/Rx parameter discussion.

Reason for editor's delay following Session #10
referred to group

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
569	Editorial	314	42	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
change "Composite Amplitude" to "Composite amplitude"

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

grammar

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
570	Technical	314	47	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit
Either remove "dynamic range" item or relax (30 dB???)

Reason for Edit
The standard is more focused on cost reducing the subscriber device. Base station performance declarations should be made only on issues relevant to the subscriber operation. It is assumed that a base station vendor will design it to deal with issues like receiving more than one carrier at once etc.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10
Modify comment to remove dynamic range requirement

Reason for editor's delay following Session #10   **Notes in Session #10.5**

| **571** | Technical | 314 | 49 | Klein | Jay | Member | 10/29/2000 | 12/14/2000 | 12/14/2000 | Updated |

Description of Edit	**Reason for Edit**
Insert item "BER performance threshold" Values: For 1x10^-3: QPSK -89+10*log10(R), 16QAM -81+10*log10(R), 64QAM -74+10*log10(R) For 1x10^-6: QPSK -85+10*log10(R), 16QAM -77+10*log10(R), 64QAM -71+10*log10(R) Where R is the RF channel bandwidth in MHz Values are Receiver input signal level (RSL) in dBm	Missing information in current draft

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10
Without FEC. Add TBR notation. Add reference diagram for measurement points.

Reason for editor's delay following Session #10	**Notes in Session #10.5**
Not clear on "TBR Notation"	Add "--TBR--" ("to be reviewed") after each value, e.g., For 1x10^-3: QPSK -89+10*log10(R), 16QAM -81+10*log10(R), 64QAM -74+10*log10(R) --TBR--

| **572** | Technical | 314 | 50 | Klein | Jay | Member | 10/29/2000 | 12/14/2000 | 12/14/2000 | Updated |

Description of Edit	**Reason for Edit**
Delete Item (Receiver equivalent noise floor)	To be replaced by BER performance

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10	**Notes in Session #10.5**
Requesting to delete row here?	Delete entire row in table.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
573	Technical	314	58	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

insert a value of "-25 dB" for the requirement on Adjacent channel interference

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

provide a reasonable value for ACI

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
574	Technical	315	11	Hunter	Wayne	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

replace "TBD at a later date" with "10 hKz away (-68 dBc), 100 kHz away (-78 dBc), 1 MHz away (-98 d Bc)

Reason for Edit

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

provide reasonable requirement on transmitter phase noise performance for the subscriber station

Resolution in Session #10 rejected   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
575	Technical	315	35	Klein	Jay		10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Insert item "BER performance threshold" Values: For 1x10^-3: QPSK -89+10*log10(R), 16QAM -81+10*log10(R), 64QAM -74+10*log10(R) For 1x10^-6: QPSK -85+10*log10(R), 16QAM -77+10*log10(R), 64QAM -71+10*log10(R) Where R is the RF channel bandwidth in MHz Values are Receiver input signal level (RSL) in dBm

Reason for Edit

Missing information in current draft

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Without FEC. Add TBR notation. Add reference diagram for measurement points.

Reason for editor's delay following Session #10

Not clear on "TBR Notation"

Notes in Session #10.5

Add "TBR" ("to be reviewed") after each value, e.g.,
For 1x10^-3:
QPSK -89+10*log10(R),
16QAM -81+10*log10(R),
64QAM -74+10*log10(R) --TBR-- {See 571}

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
576	Technical	315	34	Hunter	Wayne	Member	10/29/2000			Awaiting resolution

Description of Edit
Are the last 3 or 4 table entries really minimum performance specifications on the receiver?

Reason for Edit
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments

It appears that the last 3 or 4 entries relate to receiver performance characteristics rather than transmitter characteristics

Resolution in Session #10 referred to group   **Action Item Assigned To:**

Notes in Session #10
Leave for further discussion on Tx/Rx characteristics.

Reason for editor's delay following Session #10   **Notes in Session #10.5**
referred to group

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
577	Technical	315	42	Klein	Jay	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit
Change "Adjacent channel interference" to "Adjacent channel interference threshold degradation at BER=1x10^-6" Add value: S/I=0 dB for 1 dB degradation, S/I=-4 dB for 3 dB degradation (assuming similar modulations on adjacent channels) where S/I represents the signal to interferer ratio

Reason for Edit
Missing information in current draft

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10
Add TBR notation.

Reason for editor's delay following Session #10
Not clear on "TBR Notation"

Notes in Session #10.5
Add "TBR" ("to be reviewed") after each value: e.g., S/I=0 dB(TBR) for 1 dB degradation, S/I=-4 dB(TBR) for 3 dB degradation (assuming similar modulations on adjacent channels) where S/I represents the signal to interferer ratio

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
578	Technical	315	44	Klein	Jay	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Change "Co-channel interference" to "Co-channel interference threshold degradation at BER=1x10^-6" Add value: S/I=23 (QPSK),30 (16QAM) and 36 (64QAM) dB for 1 dB degradation, S/I=19 (QPSK),26.5 (16QAM) and 32.5 (64QAM) dB for 3 dB degradation where S/I represents the signal to interferer ratio

Reason for Edit

Missing information in current draft

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Add TBR notation.

Reason for editor's delay following Session #10

Not clear on "TBR Notation"

Notes in Session #10.5

Add "TBR" ("to be reviewed") after each value, e.g., S/I=23dB-TBR (QPSK), 30dB-TBR (16QAM) and 36dB-TBR (64QAM) dB for 1 dB degradation.

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
579	Technical	317	47	Klein	Jay	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Change "Propagation model" types from "Static" and "Dynamic" to "Type 0", "Type 1", "Type 2". Models should be imported from http://www.ieee802.org/16/phy/contrib/802161pc-00_21.pdf (Falconer & Zhang). Add the following explanation after table: Type 0 represents a clear Line of Sight scenario. Type 1 and Type 2 represent typical deployment scenarios with weak multi-path components, Type 1 being with better conditions.

Reason for Edit

Missing information in current draft. Pay attention that Type 3 is not imported, as it does not represent a typical scenario.

Resolution in Session #10 accepted

Action Item Assigned To:

Notes in Session #10

Reason for editor's delay following Session #10

Notes in Session #10.5

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
580	Technical	317	59	Marin	Scott	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace "to the antenna output port" with "to the antenna input port."

Reason for Edit

The "output port" of a transmitter is the radiated signal. Normally transmitter characteristics are measured in watts in the output of the transmitter and input to the transmitter antenna.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
581	Technical	318	4	Marin	Scott	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Replace the phrase "as the average power, measured" with the phase "as the time-averaged power when emitting a signal (excluding off-time between bursts), measured"

Reason for Edit

More precise and clearly indicates that the average is over time and not frequency. Also indicates that transmitter off time is not included in the time average.

Resolution in Session #10 accepted   **Action Item Assigned To:**

Notes in Session #10
Technical.

Reason for editor's delay following Session #10   **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
582	Technical	318	6	McGregor	Andy	Member	10/29/2000	12/14/2000	12/14/2000	Updated

Description of Edit

Use the EIRP limits given in IEEE 802.16.2-00/01r9 section 6.1.1 for both base station, CPE and repeater (if specified). We note that you do not identify values in respect of repeater functionality and recommend that you consider adding such functionality.

Reason for Edit

Completes TBD text in document.

Resolution in Session #10 accepted-modified   **Action Item Assigned To:**

Notes in Session #10

Modify to "Use the EIRP limits given in IEEE 802.16.2-00/01r9 section 6.1.1 for both base station and subscriber station" {(Adds EIRP Limits-suggest adding limits for repeater) A.MacGregor: Our numbers are EIRP, while yours are transmitted power, which is before the antenna. P.Thompson: Was it the intent of TG1 to specify anything about the EIRP or power transmitted? So you would be augmenting our words with minimum specs. J.Klein: We need to use the EIRP limits given in IEEE802.16-2-00/01r9 for both basestation and subscriber station.}

Reason for editor's delay following Session #10

Correct line number given?

Notes in Session #10.5

Line number is 8-59. For Section 3.6.3.1.1 and section 3.6.3.1.2, simply insert the paragraphs from Section 6.1.1 of IEEE 802.16.2-00/01r9.   Replace content of "3.6.3.1.1 BS" with: A BS should not produce an EIRP spectral density exceeding +14 dBW/MHz. Replace content of "3.6.3.1.2 CPE" with: An SS should not produce an EIRP spectral density exceeding +30 dBW/MHz. Also: change "CPE' to

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
583	Technical	318	13	McGregor	Andy	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add text to sections 3.6.3.2 and 3.6.4.4 "Unwanted Conducted Emissions". Suggest taking source material from IEEE 802.16.2-00/01r9 section 6.1.4 and Annex A. Note that "Unwanted Radiated Emissions" are typically dictated by regulators and your text should reference such documents generically. Consider modifying OOB, Adjacent channel interference, Co-channel interference and Spurious entries in Performance Table on pages 314/315 to point to your sections 3.6.3.2 and 3.6.4.4. Note that the proposed text for these sections cannot be reduced to a simple number for a table.

Reason for Edit

Completes TBD text in document.

Resolution in Session #10 accepted-modified **Action Item Assigned To:**

Notes in Session #10

On Table on page 314 modify lines 30 to 34 to read "Follow 6.1.4.1 'Unwanted Emissions Limit of IEEE802.16RP or relevent local regulatory requirements if more stringent'"

Reason for editor's delay following Session #10 **Notes in Session #10.5**

Comment #	Type	Page	Line	Last Name	First Name	Membership	Received	Resolved	Edit date	Edit status
584	Technical	320	7	McGregor	Andy	Member	10/29/2000	11/09/2000	12/14/2000	Updated

Description of Edit

Add new sub-section 3.6.6 Antenna Performance. Suggest taking source material from IEEE 802.16.2-00/01r9 section 6.2. Consider adding new entries in Performance Table on pages 314/315 and Requirements Table on pages 316/317. Note that the Coexistence Practice document states that antenna performance requirements for intra- system usage is likely to be more critical than for inter-system coexistence.

Reason for Edit

This provides baseline text for current document.

Resolution in Session #10 rejected **Action Item Assigned To:**

Notes in Session #10

Reason for editor's delay following Session #10 **Notes in Session #10.5**