Item Number: 388
Page Number 155
Line Number: 1
Commentor Name: Stanwood Ken

Description of Edi
re-draw the Figure

Reason for Edit:
ugly, patched figure.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 389
Page Number 155
Line Number: 5
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 390
Page Number 155
Line Number: 30
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 391
Page Number 155
Line Number: 52
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00
Date Resolved:
Comment Type: General
Resolution Status: accepted
Notes:

Item Number: 392
Page Number 156
Line Number: 58
Commentor Name: Condie Mary

Description of Edi
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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Text will be corrected and the next two sentences using the threshold delta should be deleted, leaving the reference to Figure 76.

Item Number: 393
Page Number 158
Line Number: 14
Commentor Name: Wibowo Eko

Description of Edi
Should read "Utilization of MAC scheduling and QoS traffic parameters for upstream Service Flows".

Reason for Edit:
Consistency with the following sentence.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 394
Page Number 158
Line Number: 35
Commentor Name: Wibowo Eko

Description of Edi
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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Table 29: The first "N/A" should be changed to "CID", and the second one to "Not Yet".

Item Number: 395
Page Number 158
Line Number: 37
Commentor Name: Stanwood Ken

Description of Edi
delete entire paragraph.

Reason for Edit:
Out of date DOCSIS concept.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 396
Page Number 159
Line Number: 2
Commentor Name: Wibowo Eko

Description of Edi
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)".

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** referred to group
Notes: Concept has to be clarified.

Item Number: 397
Page Number 159
Line Number: 26
Commentor Name: Stanwood Ken

Description of Edi
Change 14 to 77

Reason for Edit:
typo

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 398
Page Number 159
Line Number: 53
Commentor Name: Stanwood Ken

Description of Edi
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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: Referred to the Management Task Group

Item Number: 399
Page Number 161
Line Number: 40
Commentor Name: Stanwood Ken

Description of Edi
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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** referred to group
Notes: Referred to the Management Task Group

Item Number: 400
Page Number 161
Line Number: 57
Commentor Name: Wibowo Eko

Description of Edi
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)".

Date Received: 29/10/00
Date Resolved:
Comment Type: Technical
Resolution Status: rejected
Notes:

Item Number: 401
Page Number 161
Line Number: 60
Commentor Name: Marks Roger

Description of Edi
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.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 402
Page Number 161
Line Number: 60
Commentor Name: Marks Roger

Description of Edi
Change "an" to "a".

Reason for Edit:
Grammar.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 403
Page Number 161
Line Number: 60
Commentor Name: Wibowo Eko

Description of Edi
Should read "Outgoing user data is submitted to the MSAP by a convergence sub-layer process".

Reason for Edit:
Language.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 404
Page Number 161
Line Number: 61
Commentor Name: Wibowo Eko

Description of Edi
Should read "The information delivered to the MSAP includes the Connection Identifier identifying ".

Reason for Edit:
Typo.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 405
Page Number 161
Line Number: 62
Commentor Name: Wibowo Eko

Description of Edi
Should read "The Service Flow for the connection is mapped to the Connection Identifier (CID)".

Reason for Edit:
Language.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 406
Page Number 162
Line Number: 20
Commentor Name: Wibowo Eko

Description of Edi
Identify the meaning of "N" and "0,1".

Reason for Edit:
Symbols not defined.

Date Received: 29/10/00
Date Resolved:
Comment Type: General
Resolution Status: referred to group
Notes: Figure has to be fixed. Double apperance of SFID and number of possible links missing.

Item Number: 407
Page Number 164
Line Number: 32
Commentor Name: Condie Mary

Description of Edi
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.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 408
Page Number 178
Line Number: 30
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 409
Page Number 200
Line Number: 39
Commentor Name: Stanwood Ken

Description of Edi
Change "Basic Service" to "Basic or Secondary Management Service".

Reason for Edit:
A CPE must have both to be managed.

Date Received: 29/10/00
Date Resolved:
Comment Type: Technical
Resolution Status: accepted
Notes:

Item Number: 410
Page Number 205
Line Number: 58
Commentor Name: Stanwood Ken

Description of Edi
Change "connectionss" to "connections"

Reason for Edit:
typo

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 411
Page Number 206
Line Number: 26
Commentor Name: Stanwood Ken

Description of Edi
Change "date" to "data"

Reason for Edit:
typo

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 412
Page Number 206
Line Number: 26
Commentor Name: Hameed Farooq

Description of Edi
Instead of "single packet date" should be "single packet data".

Reason for Edit:
Typo.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 413
Page Number 206
Line Number: 43
Commentor Name: Marin Scott

Description of Edi
At the beginning of the sentence, change "SS use" to "A SS uses"

Reason for Edit:
Grammar improvement

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 414
Page Number 207
Line Number: 10
Commentor Name: Stanwood Ken

Description of Edi
Change "SS" to "the SS".

Reason for Edit:
typo

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 415
Page Number 207
Line Number: 11
Commentor Name: Marin Scott

Description of Edi
Change "Since the BS authenticates SS" to "Since the BS authenticates a SS"

Reason for Edit:
grammar improvement.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 416
Page Number 207
Line Number: 29
Commentor Name: Marin Scott

Description of Edi

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).

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: Definition of SA will be provided

Item Number: 417
Page Number 207
Line Number: 53
Commentor Name: Stanwood Ken

Description of Edi
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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes:

Item Number: 418
Page Number 207
Line Number: 65
Commentor Name: Marin Scott

Description of Edi

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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: Add sentence: "Every time the SS re-registers, it will re-acquire keying material."

Item Number: 419
Page Number 208
Line Number: 26
Commentor Name: Stanwood Ken

Description of Edi
Resolve reference

Reason for Edit:
TBD

Date Received: 29/10/00 **Date Resolved:**
Comment Type: TBD **Resolution Status:** unresolved
Notes:

Item Number: 420
Page Number 208
Line Number: 39
Commentor Name: Hameed Farooq

Description of Edi
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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: Concept will be clarified

Item Number: 421
Page Number 209
Line Number: 62
Commentor Name: Stanwood Ken

Description of Edi
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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 422
Page Number 210
Line Number: 3
Commentor Name: Stanwood Ken

Description of Edi
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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes: Change the EKS length leaving the other 2 bits reserved. Page and line number changes will be provided by Ken.

Item Number: 423
Page Number 211
Line Number: 26
Commentor Name: Hameed Farooq

Description of Edi

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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 424
Page Number 213
Line Number: 40
Commentor Name: Stanwood Ken

Description of Edi

Change "and 40-bit DES are" to "is"

Reason for Edit:

everywhere else in the document, only 56-bit DES is allowed.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 425
Page Number 216
Line Number: 1
Commentor Name: Marin Scott

Description of Edi

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?

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** accepted-modified
Notes: Add a reference to Table 64 after the phrase "about to time out".

Item Number: 426
Page Number 217
Line Number: 53
Commentor Name: Hameed Farooq

Description of Edi

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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: Information is provided by the error code. TLV restructuring should clarify this issue.

Item Number: 427
Page Number 218
Line Number: 1
Commentor Name: Hameed Farooq

Description of Edi

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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** referred to group
Notes: The whole paragraph has to be verified. Referred to the Management Task Group.

Item Number: 428
Page Number 218
Line Number: 55
Commentor Name: Stanwood Ken

Description of Edi

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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 429
Page Number 225
Line Number: 10
Commentor Name: Stanwood Ken

Description of Edi
resolve reference.

Reason for Edit:
unresolved reference

Date Received: 29/10/00
Date Resolved:
Comment Type: TBD
Resolution Status: unresolved
Notes:

Item Number: 430
Page Number 228
Line Number: 60
Commentor Name: Stanwood Ken

Description of Edi
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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 431
Page Number 230
Line Number: 22
Commentor Name: Eklund, Carl

Description of Edi
s should be bytes

Reason for Edit:
word processor features...

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 432
Page Number 231
Line Number: 53
Commentor Name: Stanwood Ken

Description of Edi
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.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 433
Page Number 231
Line Number: 56
Commentor Name: Hameed Farooq

Description of Edi

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.

Date Received: 29/10/00
Date Resolved:
Comment Type: Technical
Resolution Status: rejected
Notes:

Item Number: 434
Page Number 237
Line Number: 33
Commentor Name: Stanwood Ken

Description of Edi

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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 435
Page Number 237
Line Number: 51
Commentor Name: Stanwood Ken

Description of Edi

resolve TBD

Reason for Edit:

TBD

Date Received: 29/10/00
Date Resolved:
Comment Type: TBD
Resolution Status: unresolved
Notes:

Item Number: 436
Page Number 239
Line Number: 12
Commentor Name: Stanwood Ken

Description of Edi

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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 437
Page Number 240
Line Number: 9
Commentor Name: Stanwood Ken

Description of Edi

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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 438
Page Number 243
Line Number: 10
Commentor Name: Stanwood Ken

Description of Edi

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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: Problem on lines 10 and 14. Glen will confirm the correct form.

Item Number: 439
Page Number 243
Line Number: 10
Commentor Name: Hameed Farooq

Description of Edi

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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: Fixed previously

Item Number: 440
Page Number 244
Line Number: 28
Commentor Name: Stanwood Ken

Description of Edi

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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 441
Page Number 252
Line Number: 45
Commentor Name: Hunter Wayne

Description of Edi

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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 442
Page Number 253
Line Number: 51
Commentor Name: Hunter Wayne

Description of Edi

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

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 443
Page Number 254
Line Number: 17
Commentor Name: Hunter Wayne

Description of Edi

change "Uint8" to "uint8"

Reason for Edit:

Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments consistency with previous usage

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 444
Page Number 255
Line Number: 42
Commentor Name: Hunter Wayne

Description of Edi
change "Uint8" to read "uint8"

Reason for Edit:
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments consistency with previous usage

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 445
Page Number 257
Line Number: 6
Commentor Name: Hunter Wayne

Description of Edi
change "Uint8" to read "uint8"

Reason for Edit:
Hunter(M), Meyer(O), Robinson(M), Smith(N), Wang(N) team comments consistency with previous usage

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 446
Page Number 257
Line Number: 38
Commentor Name: Hameed Farooq

Description of Edi
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.

Date Received: 29/10/00
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 447
Page Number 257
Line Number: 49
Commentor Name: Stanwood Ken

Description of Edi
resolve TBD

Reason for Edit:
TBD

Date Received: 29/10/00
Date Resolved:
Comment Type: TBD
Resolution Status: unresolved
Notes:

Item Number: 448
Page Number 258
Line Number: 20
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: References will be provided.

Item Number: 449
Page Number 258
Line Number: 50
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: References will be provided.

Item Number: 450
Page Number 259
Line Number: 15
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: References will be provided.

Item Number: 451
Page Number 259
Line Number: 58
Commentor Name: Hunter Wayne

Description of Edi
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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: General **Resolution Status:** referred to group
Notes: References will be provided.

Item Number: 452
Page Number 260
Line Number: 25
Commentor Name: Stanwood Ken

Description of Edi

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.

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 453
Page Number 260
Line Number: 43
Commentor Name: Stanwood Ken

Description of Edi

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?

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 454
Page Number 261
Line Number: 24
Commentor Name: Stanwood Ken

Description of Edi

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

Date Received: 29/10/00 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 455
Page Number 269
Line Number: 26
Commentor Name: Hunter Wayne

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 456
Page Number 269
Line Number: 27
Commentor Name: Hunter Wayne

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 457
Page Number 269
Line Number: 38
Commentor Name: Guillemette Phil

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: Resolved by comment 459.

Item Number: 458
Page Number 269
Line Number: 38
Commentor Name: Klein Jay

Description of Edit:
Remove the sentence starting with "The primary difference..." and ending with "... are supported."

Reason for Edit:
Subjective statment

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 459
Page Number 269
Line Number: 46
Commentor Name: Klein Jay

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes: 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 h subscribers incapable of transmitting and receiving at the same instant due to their specific transceiver implementation."

Item Number: 460
Page Number 269
Line Number: 59
Commentor Name: Guillemette Phil

Description of Edit:
remove the words "the ability"

Reason for Edit:
The sentence did not seem continuous with these words.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 461
Page Number 269
Line Number: 61
Commentor Name: Condie Mary

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes: 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.

Item Number: 462
Page Number 270
Line Number: 10
Commentor Name: Guillemette Phil

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 wher some people may miss it while reading the document.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 463
Page Number 270
Line Number: 28
Commentor Name: Hunter Wayne

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 464
Page Number 270
Line Number: 28
Commentor Name: Guillemette Phil

Description of Edit:
remove the word "Figure" in reference to section 2.6.4

Reason for Edit:
the word should not be there.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 465
Page Number 270
Line Number: 49
Commentor Name: Lindh Lars

Description of Edit:
insert or TFM constellations

Reason for Edit:
TFM uses its own preamble and constellation

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: Due to 555 rejection

Item Number: 466
Page Number 271
Line Number: 4
Commentor Name: Stanwood Ken

Description of Edit:
Delete "FSDD or"

Reason for Edit:
That mode doesn't exist anymore.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 467
Page Number 271
Line Number: 4
Commentor Name: Klein Jay

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)

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 468
Page Number 271
Line Number: 10
Commentor Name: Lewis Niclas

Description of Edit:
The pointer byte refers to the beginning of a MAC frame or the beginning c stuff
bytes within a TC layer packet. A problem will arise in the case when a MA 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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Add the following sentence on line 18: "This pointer byte indicates to the receiver where it should begin looking for the next MAC packet, whi be preceded by stuff bytes."

Item Number: 469
Page Number 271
Line Number: 17
Commentor Name: Stanwood Ken

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 470
Page Number 271
Line Number: 44
Commentor Name: Marin Scott

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: 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."

Item Number: 471
Page Number 272
Line Number: 39
Commentor Name: Stambaugh Karl

Description of Edit:
Delete all of section 3.2.1.2.1 Baseband Interfacing

Reason for Edit:
This section doesn't add anything new.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 472
Page Number 274
Line Number: 52
Commentor Name: Hunter Wayne

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 473
Page Number 275
Line Number: 1
Commentor Name: Lewis Niclas

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:

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes:

Item Number: 474
Page Number 275
Line Number: 8
Commentor Name: Stambaugh Karl

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 475
Page Number 276
Line Number: 38
Commentor Name: Stambaugh Karl

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Table to be added to clarify constellation mapping, but editor needs to ensure that the mapping reflects the current constellation.

Item Number: 476
Page Number 276
Line Number: 47
Commentor Name: Guillemette Phil

Description of Edit:
Replace "xxx" with "EN 301 210".

Reason for Edit:
was missing the reference

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes: Editor to verify this is the proper reference.

Item Number: 477
Page Number 276
Line Number: 47
Commentor Name: Hunter Wayne

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 478
Commentor Name: Hunter Wayne
Page Number 277
Line Number: 1

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 479
Commentor Name: Hunter Wayne
Page Number 277
Line Number: 6

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** referred to editor
Notes: 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 provi contribution.

Item Number: 480
Commentor Name: Hunter Wayne
Page Number 278
Line Number: 1

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes:

Item Number: 481
Commentor Name: Stambaugh Karl
Page Number 278
Line Number: 24

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Table to be added to clarify constellation mapping, but the table on page 307 is not the right mapping.

Item Number: 482
Commentor Name: Stambaugh Karl
Page Number 279
Line Number: 2

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Table to be added to clarify constellation mapping, but editor needs to ensure that the mapping reflects the current constellation.

Item Number: 483
Commentor Name: Klein Jay
Page Number 279
Line Number: 51

Description of Edit:
3.2.2 should start on a new page

Reason for Edit:
Clarity

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 484
Commentor Name: Klein Jay
Page Number 279
Line Number: 57

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 485
Commentor Name: Klein Jay
Page Number 279
Line Number: 61

Description of Edit:
Change "phase recover" to "phase recovery"

Reason for Edit:
language error

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 486
Page Number 279
Line Number: 61
Commentor Name: Hunter Wayne

Description of Edit:
change "recover" to "recovery"

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

Date Received: 10/29/20
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 487
Page Number 279
Line Number: 63
Commentor Name: Klein Jay

Description of Edit:
Delete the word "Section"

Reason for Edit:
appears twice

Date Received: 10/29/20
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 488
Page Number 280
Line Number: 5
Commentor Name: Stambaugh Karl

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.

Date Received: 10/29/20
Date Resolved:
Comment Type: Technical
Resolution Status: accepted
Notes:

Item Number: 489
Page Number 280
Line Number: 25
Commentor Name: Stanwood Ken

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.

Date Received: 10/29/20
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 490
Page Number 281
Line Number: 1
Commentor Name: Klein Jay

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 491
Page Number 281
Line Number: 13
Commentor Name: Condie Mary

Description of Edit:
Change "Subscriber Station" to "Base Station" and vice versa

Reason for Edit:
Block names in figure 126 are incorrect.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 492
Page Number 281
Line Number: 37
Commentor Name: Stanwood Ken

Description of Edit:
delete "the following"

Reason for Edit:
The parameters do not follow.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 493
Page Number 281
Line Number: 37
Commentor Name: Condie Mary

Description of Edit:
Change 16 to 12. After groups insert "(see section 2.5.2.2)"

Reason for Edit:
Correct discrepancy.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 494
Page Number 281
Line Number: 40
Commentor Name: Klein Jay

Description of Edit:
insert before "FEC scheme..." the words "a fixed"

Reason for Edit:
Clarity

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 495
Page Number 281
Line Number: 44
Commentor Name: Stambaugh Karl

Description of Edit:
change "CPEs" to "SSs"

Reason for Edit:
We use SS instead of CPE.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 496
Page Number 281
Line Number: 54
Commentor Name: Stanwood Ken

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Recommended Changes: 1) Remove; " using the Registration Request and Response MAC messages described in Sections 2.5.7 and 2.5.8." 2) l to MAC group detailed resolution.

Item Number: 497
Page Number 282
Line Number: 5
Commentor Name: Guillemette Phil

Description of Edit:
Insert the actual polynomial into or following figure 127.

Reason for Edit:
To be consistent with 3.2.1.2.2.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes: Polynomial shoulb be copied from page 273 line 28.

Item Number: 498
Page Number 282
Line Number: 27
Commentor Name: Guillemette Phil

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 499
Page Number 282
Line Number: 29
Commentor Name: Stambaugh Karl

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted-modified
Notes: Change to read as follows; "The randomizer sequence is advanced only as new information bits arrive. "

Item Number: 500
Page Number 282
Line Number: 40
Commentor Name: Aboukarr Bakri

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: See comment 550.

Item Number: 501
Page Number 282
Line Number: 51
Commentor Name: Aboukarr Bakri

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: See comment 550.

Item Number: 502
Page Number 282
Line Number: 54
Commentor Name: Klein Jay

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 503
Page Number 282
Line Number: 55
Commentor Name: Aboukarr Bakri

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: See comment 550.

Item Number: 504
Page Number 282
Line Number: 57
Commentor Name: Leiba Yigal

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 505
Page Number 282
Line Number: 60
Commentor Name: Klein Jay

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 inne coding rate is fixed to 2/3.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** accepted
Notes:

Item Number: 506
Page Number 282
Line Number: 62
Commentor Name: Klein Jay

Description of Edit:
Change "his" to "is"
Change "The code itself" to "The inner code"

Reason for Edit:
typo and accuracy

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 507
Page Number 282
Line Number: 62
Commentor Name: Stambaugh Karl

Description of Edit:
Change "code his useful" to "code is useful"

Reason for Edit:
spelling.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 508
Page Number 282
Line Number: 62
Commentor Name: Hunter Wayne

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 509
Page Number 283
Line Number: 5
Commentor Name: Aboukarr Bakri

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: See comment 550.

Item Number: 510
Page Number 283
Line Number: 6
Commentor Name: Aboukarr Bakri

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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Technical **Resolution Status:** rejected
Notes: See comment 550.

Item Number: 511
Page Number 283
Line Number: 8
Commentor Name: Klein Jay

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 bloc 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.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted-modified
Notes: 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

Item Number: 512
Page Number 283
Line Number: 11
Commentor Name: Hunter Wayne

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

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes:

Item Number: 513
Page Number 283
Line Number: 18
Commentor Name: Lindh Lars

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) odd.

Date Received: 10/29/20 **Date Resolved:**
Comment Type: Editorial **Resolution Status:** accepted
Notes: Change as stated above and also in section 3.3.3.2.1

Item Number: 514
Page Number 283
Line Number: 27
Commentor Name: Aboukarr Bakri

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.

Date Received: 10/29/20
Date Resolved:
Comment Type: Technical
Resolution Status: rejected
Notes: See comment 550.

Item Number: 515
Page Number 283
Line Number: 48
Commentor Name: Condie Mary

Description of Edit:
Add reference to section 2.5.3 (DL-MAP definition).

Reason for Edit:
Clarity

Date Received: 10/29/20
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 516
Page Number 283
Line Number: 54
Commentor Name: Stambaugh Karl

Description of Edit:
remove footnote #8 symbol after (7,5)

Reason for Edit:
no footnote to reference.

Date Received: 10/29/20
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes:

Item Number: 517
Page Number 283
Line Number: 54
Commentor Name: Klein Jay

Description of Edit:
Change "the last 2 bits of the block" to "the last 2 bits of the message block"

Reason for Edit:
Accuracy

Date Received: 10/29/20
Date Resolved:
Comment Type: Editorial
Resolution Status: accepted
Notes: