IEEE Document: C802.16-04/56
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Accepted Resolution of comments 42, 68, 146, and 436

Comment 42

Replace the contents of 3.1.4 with the following:

3.1.4 Connection identifier - ~~A unidirectional, MAC address~~ A 16-bit value that identifies a connection to equivalent peers in the MAC of the base station (BS) and subscriber station (SS). It maps to a service flow identifier (SFID), which defines the Quality of Service (QoS) parameters of the service flow associated with that connection.Security associations (SAs) also exist between keying material and CIDs. *See also*: **service flow identifier**.

Table 1—CIDs

CID	Value	Description
Initial ranging	0x0000	Used by ~~an SS~~ SS and BS during initial ranging ~~as part of initial ranging~~ process.
Basic CID	0x0001—*m*	The same value is assigned to both the DL and UL connections.
Primary management	*m*+1—2*m*	The same value is assigned to both the DL and UL connections.
Transport CIDs and secondary Mgt CIDs	2*m*+1—0xFEFE	For the secondary management connection, the same value is assigned to both the DL and UL connections
AAS initial ranging CID	0xFEFF	A BS supporting AAS shall use this CID when allocating a Initial Ranging period for AAS devices
Multicast polling CIDs	0xFF00—0xFFFD	An SS may be included in one or more multicast polling groups for the purposes of obtaining bandwidth via polling. These connections have no associated service flow.
Padding CID	0xFFFE	Used for transmission of padding information by SS and BS.
Broadcast CID	0xFFFF	Used for broadcast information that is transmitted on a downlink to all SS.

Comment 68

Remove section 6.3.1.1.5 and insert the following:

6.4.13 Establishment of multicast connections

The BS may establish a downlink multicast service by creating a connection with each SS to be associated with the service. Any available traffic CID value may be used for the service (i.e. there are no dedicated CIDs for multicast transport connections). To ensure proper multicast operation, the CID used for the service is the same for all SSs on the same channel that participate in the connection. The SSs need not be aware that the connection is a multicast connection. The data transmitted on the connection with the given CID shall be received and processed by the MAC of each involved SS. Thus each multicast SDU is transmitted only once per BS channel. Since a multicast connection is

associated with a service flow, it is associated with the QoS and traffic parameters for that service flow.

ARQ is not applicable to multicast connections.

If a downlink multicast connection is to be encrypted, each SS participating in the connection shall have an additional security association (SA), allowing that connection to be encrypted using keys that are independent of those used for other encrypted transmissions between the SSs and the BS.

Comment 146

Page 130, Line 12, Change the Do the xxxx:

If (ACK Type == 0x3): Combines the functionality of type 1 with the ability to acknowledge reception of ARQ blocks in terms of block sequences. A block sequence is defined as a set of of ARQ blocks with consecutive BSN values. With this option, block sequences are identified and associated with the same reception status indication.

Comment 436

Replace the contents of clause 11.13.22.4.4

11.13.22.4.4 ATM Classifier Error Parameter Set

This field defines the parameters associated with ATM classifier errors.

Type	Length	Value
[145/146].99.4	*variable*	Compound

The contents of the compound structure shall be identical to the encoding for the Classifier Error Parameter Set for packet services specified in section 11.13.22.3.3.