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Re:	P802.16e/D7
Abstract	Editorial Error Correction: Bits #6 &# 7 in Idle Mode Retain Information field
Purpose	Adoption of proposed changes into P802.16e/D7
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Editorial Error Correction: Bits #6 and # 7 in Idle Mode Retain Information field

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Overview

This contribution is about Bits #6 and Bit #7 in Idle Mode Retain Information field in DREG-CMD and DREG-REQ messages. There are some errors causing inconsistency within the current draft and inconsistency between the current draft and the accepted comments. This contribution provides remedies to the inconsistency.

Remedy 1

This remedy is about the implementation of the comments 1831 and 1832 of IEEE 802.16-04/69r4, which were all accepted but not properly implemented.

Specific Text Changes

11.14 DREG-CMD message encodings

[Replace the duplicate and improper descriptions on Bit #7 (lines 33-50 in Page 565) with the single proper description as accepted in the comment 1832 of IEEE 802.16-04/69r4. The proper description is as follows.]

Bit #7: Consider Paging Preference of each Service Flow in resource retention. Bit #7 is meaningful when Bit #2 and Bit #6 have a value of 1. If Bit #2, Bit #6 and Bit #7 is 1, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for Service Flows with positive Paging Preference. If Bit #2 and Bit #6 are 1 and Bit #7 is 0, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for all Service Flows.

11.15 DREG-REQ message encodings

[Replace the description on Bit #6 (lines 38-40 in Page 566) with the proper description as accepted in the comment 1831 of IEEE 802.16-04/69r4. The proper description is as follows:]

Bit #6: Retain MSS service and operation information associated with Full service (MAC state machines, CS classifier information, etc.). The information retained by setting Bit #6 does not include those information associated with SBC-REQ/RSP MAC management messages, PKM-REQ/RSP MAC management messages, REG-REQ/RSP MAC management messages, Network Address, Time of Day, and TFTP MAC management messages unless otherwise specified by setting one or more Bits #0-#5.

[Replace the duplicate and improper descriptions on Bit #7 (lines 41-62 in Page 566) with the single proper description as accepted in the comment 1832 of IEEE 802.16-04/69r4. The proper description is as follows.]

Bit #7: Consider Paging Preference of each Service Flow in resource retention. Bit #7 is meaningful when Bit #2 and Bit #6 have a value of 1. If Bit #2, Bit #6 and Bit #7 is 1, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for Service Flows with positive Paging Preference. If Bit #2 and Bit #6 are 1 and Bit #7 is 0, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for all Service Flows.

Remedy 2

This remedy is about the inconsistency within the current draft on the descriptions of Bits #6 and Bit #7 in Idle Mode Retain Information field in DREG-CMD and DREG-REQ messages. The descriptions of the bits in DREG-CMD messages in Section 6.3.2.3.26 (lines 42-43 in Page 53) are inconsistent with those in Section 11.14 (lines 24-50 in Page 565). Also, the descriptions of the two bits in DREG-REQ messages in Section 6.3.2.3.42 (lines 26-27 in Page 55) are inconsistent with those in Section 11.15 (lines 38-62 in Page 566).

Specific Text Changes

6.3.2.3.26 De/Re-register command (DREG-CMD) message

[Replace the description on Bit #6 (lines 42-43 in Page 53) with the following:]

Bit #6: Retain MSS service and operation information associated with Full service (MAC state machines, CS classifier information, etc.). The information retained by setting Bit #6 does not include those information associated with SBC-REQ/RSP MAC management messages, PKM-REQ/RSP MAC management messages, REG-REQ/RSP MAC management messages, Network Address, Time of Day, and TFTP MAC management messages unless otherwise specified by setting one or more Bits #0-#5.
Bit #7: Consider Paging Preference of each Service Flow in resource retention. Bit #7 is meaningful when Bit #2 and Bit #6 have a value of 1. If Bit #2, Bit #6 and Bit #7 is 1, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for Service Flows with positive Paging Preference. If Bit #2 and Bit #6 are 1 and Bit #7 is 0, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for all Service Flows.

6.3.2.3.42 MS De-registration Request (DREG-REQ) message

[Replace the description on Bit #6 (lines 26-27 in Page 55) with the following:]

Bit #6: Retain MSS service and operation information associated with Full service (MAC state machines, CS classifier information, etc.). The information retained by setting Bit #6 does not include those information associated with SBC-REQ/RSP MAC management messages, PKM-REQ/RSP MAC management messages, REG-REQ/RSP MAC management messages, Network Address, Time of Day, and TFTP MAC management messages unless otherwise specified by setting one or more Bits #0-#5.
Bit #7: Consider Paging Preference of each Service Flow in resource retention. Bit #7 is meaningful when Bit #2 and Bit #6 have a value of 1. If Bit #2, Bit #6 and Bit #7 is 1, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for Service Flows with positive Paging Preference. If Bit #2 and Bit #6 are 1 and Bit #7 is 0, MS service and operational information associated with Full service (MAC state machines, CS classifier information, etc) are retained for all Service Flows.