Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Fix for Handover primitive**
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Re:	Contribution on comments to IEEE 802.16g-05/008r2
Abstract	In this contribution, we propose to amendment the protocol through add the new section about Data Path description
Purpose	Adoption
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Fix for Handover primitive

1. Introduction

The data lossless for non-realtime service is a requirement in IEEE802.16g.

Buffering and synchronization are common mechanisms to meet the data lossless requirement.

This contribution proposes to adopt the SN feedback mechanism which defined in IEEE802.16e/D12 to synchronize the data between serving BS and target BS during handover procedure.

And this contribution also proposes add a new primitive: HO completion to notify NCMS that the handover procedure has been completed.

2. Proposed Text Changes

14.5.9.7 Handover Control Protocol Procedures

14.5.9.7.1.3 HO response

~~[*Insert the IE at the end of IEs existed*]~~

~~**Enable SDU SN flag.**~~
~~This IE is presented if SN feedback has not been startup. The NCMS commands the Serving BS to start sending MAC SDU with SN Extended sub-header.~~

~~**14.5.9.7.1.7 HO Directive**~~

~~[*Insert the IE at the end of IEs existed*]~~

~~**Enable SDU SN flag.**~~
~~This IE is presented if SN feedback has not been startup. The NCMS commands the Serving BS to start sending MAC SDU with SN Extended sub-header.~~

~~*[Add a new section as follows]*~~

14.5.9.7.1.10 HO Completion

This primitive is used by Target BS to notify NCMS the handover process is completed. It delivers the following parameters.

Target BS ID
Base station unique identifier of the target BS
MS ID
48-bit unique identifier used by MS
Result Flag

List of Last received SDU SNs
{
SFID
Last received SDU SN
}

The sequence number of the last MAC SDU which the MS received ~~during~~ before h~~H~~andover to the target BS. The connection associated with the SDU SN is identified by SFID when SDU SN feedback is enabled. There is one sequence number per ~~MS reports it through MAC message sub-header to the Target BS, and the Target BS transmits this information to the NCMS.~~