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Abstract	The mobility management transfer	
Purpose	Proposal and Adoption	
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# The mobility management signal transfer

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## 1. Introduction

When IEEE 802.16d/e network access the operator core network, the SS/MSS need some information exchange for core network, such as higher signal etc.

We proposed the current draft define a MAC management message for transfer mobility management signal between core network and SS/MSS.

Based on this, we can use this MAC management message to extend transferring some message which can not been processed by the BS. For example, pre-authentication message providing the intact pre-authentication process.

## 2. Proposed Message Format

*Add the text of 6.3.2.3.59 in IEEE P802.16e/D5 in section 6.3.2.3 shown as following*

### 6.3.2.3.59 Management Signal Transfer Message

Syntax	Size	Notes
Signal Transfer Message format() {		
Management Message Type = 9	8 bits	
Code	4 bits	0b0000:High Management Signal Message 0b0001:Pre-Auth Transfer Message 0b0010~0b1111: reserved
If(Code=0b0000){		
subcode	4bits	
TLV Encoded Attributes	variable	TLV specific
}		
If(Code=0b0001){		
BSID		The target BSID in request or the serving BSID in response.
Authentication Message		The auth request/reply/reject message or EAP request/response message.
TLV Encoded Attributes }	variable	TLV specific

The Code can be encoded as following, and can extend it according to the actual condition.

<b>Code</b>	<b>MAC Management message name</b>
0	High Management Signal
1	Pre-Auth Transfer Message
2~15	Reserved