Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**	
Title	**Corrections Service Identity Infromation in 802.16g**	
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Source(s)	Erik Colban, Lei Wang NextWave Broadband Inc 12670 High Bluff Drive San Diego, CA 92130, USA	Voice: +1-858-480-3100 Fax: +1-858-480-3105 mailto:lwang@nextwave.com mailto:ecolban@nextwave.com
Re:	This is a response to Call for maintenance comments to IEEE 802.16e-2005.	
Abstract	This contribution is a supporting file to a comment related to MS Idle Mode operation submitted by NextWave to WimaxForum MTG	
Purpose	Agree and adopt.	
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SII TLV Encoding Corrections

Erik Colban, Lei Wang
NextWave Broadband Inc.

Changes to 11.7

SII should not be sent in the REG-RSP message. Remove sections 11.7.27 and 11.7.28.

Changes to 11.8

Remove caption from Table 109 on page 30 and 31. Table captions are rarely ised for TLV tables and the table number 109 is not in line with other table numbers in this section.

The TLVs in section 11.8.10 – 11.8.12 are common TLVs since they may be included in SBC-RSP and SII-ADV messages. Remove sections 11.8.11 – 11.8.12.

Changes to 11.21

In the presence of the TLVs that are common to the SBC-RSP and SII-ADV (see proposed changes to section 11.1), the TLV specified in this section does not seem to be necessary. Consider removing. However, if kept, make the following changes:

11.21.1 NAI Based Service ~~Information~~ Identity Information (SII) TLV

~~It~~The SII TLV is a compound TLV, ~~that~~which contains ~~1~~one or more NAI TLVs ~~NSP Id~~, and it is used in a broadcast SII-ADV message.

~~Table 1080ca—Service Identity Information (SII) Compound TLV~~

Type	Length	Value	Scope
1	Variable	Compound	SII-ADV

11.21.~~2~~1.1 ~~Service Identity~~Network Access Identity (NAI) TLV

The service identity or NSP Id can be represented as an ~~24-bit identity or~~ NAI. The following TLV~~s are~~ is defined for each representation of the identity.

~~Table 1080cb—Using 24-bit Identity~~

~~Type~~	~~Length~~	~~Value~~
~~2~~	~~3 bytes~~	~~24-bit Identifier~~

~~Table 1080cc—Using NAI~~

Type	Length	Value	Scope
1.1~~3~~	~~32 bytes~~varable	NAI	SII-ADV

Changes to 11.1

Add the following new rows to Table 346:

142	CMAC Tuple
141	Short-HMAC Tuple
140	NSP List
139	NSP Change Count
138	NSP Mapping List

Insert new subclause 11.1.8:

11.1.8 NSP List encodings

11.1.8.1NSP List TLV

The NSP LIST TLV is a ~~compound~~ TLV that contains one or more Network Service Provider 24-bit Identifiers~~, and it may be included in a SBC-RSP message or SII-ADV message~~. When an SBC-REQ message with an SIQ TLV (with bit 1 set) is received, the BS should respond with an SBC-RSP message with an NSP List TLV.

Name	Type	Length	Value	Scope
NSP List TLV	~~5~~140	3*n	Including n, 24 bit Network Service Provider IDs, n is greater than or equal to 1.	SBC-RSP, SII-ADV

11.1.8.2 NSP Change Count TLV

The NSP Change Count TLV is an optional TLV that indicates a~~the~~ change of the NSP list. It will be increased by one (modulo 256) ~~by the Operator Network~~ whenever the NSP list changes. The NSP Change Count TLV should be sent with the NSP List TLV in the SBC-RSP message or SII-ADV message.

Name	Type	Length	Value	Scope
NSP Change Count TLV	~~6~~139	1	Increment by one (modulo 256~~) by the Operator Network~~ whenever the list of the NSPs changes.	SBC-RSP, SII-ADV

11.1.8.3 NSP Mapping List TLV

The NSP Mapping List is an optional compound TLV that contains one or more mapping relations between 24-bit format NSP Identifier(s) and NSP realm(s), and it may be included in a SBC-RSP message. The BS shall respond to a SBC-REQ including a SIQ TLV with value=0 with an SBC-RSP message including NSP Mapping List TLV.

Name	Type	Length	Value	Scope

NSP Mapping List TLV	138~~7~~	variable	Compound (the compound field contains sub-attributes as defined in Table 113)	SBC-RSP, SII-ADV

Type	Length	Value	Scope
138.1~~NSP Identifier~~	~~3~~variable	24-bit format NSP identifier followed by an NAI	SBC-RSP, SII-ADV
~~NSP realm~~	~~variable~~	~~NSP realm, the fully qualified domain name~~	