Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Figure 470, comment#62**
Date Submitted	**2007-01-17**
Source(s)	Aik Chindapol, Achim Brandt Siemens Networks Achim.brandt@siemens.com
Re:	
Abstract	Change to Figures 470, section 14.1.3, page 35 – in support of comment #62
Purpose	Adoption
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1INTRODUCTION

2Figure 470, the SAP Service Flow Diagram Template, currently is not consistent with the way how the four primitive types 3are used throughout section 14.2. E.g. the IND primitive is in fact used in both directions etc. Comment #62 therefore 4proposes to update Figure 470. At the same time, comment #62 aimed at adopting the standard usage of service primitive 5types REQ, RSP, IND, CFM as defined e.g. in IEEE 802.2. Since section 14 currently applies the primitive types differently, 6the alignment of the primitive types to that of 802.2 would cause changes to all of section 14.

7This contribution proposes a less radical change: It includes a proposed remedy for comment#62 which is in line with the 8current usage of the primitives in section 14.2. The current primitive types REQ, RSP, IND and ACK are maintained. Some 9text is proposed which states the underlying primitive design rules explicitly.

10It is proposed to accept the changes for section 14.1.3 as shown below.

11

14.Management Interfaces and Procedures

14.1 Service primitive template

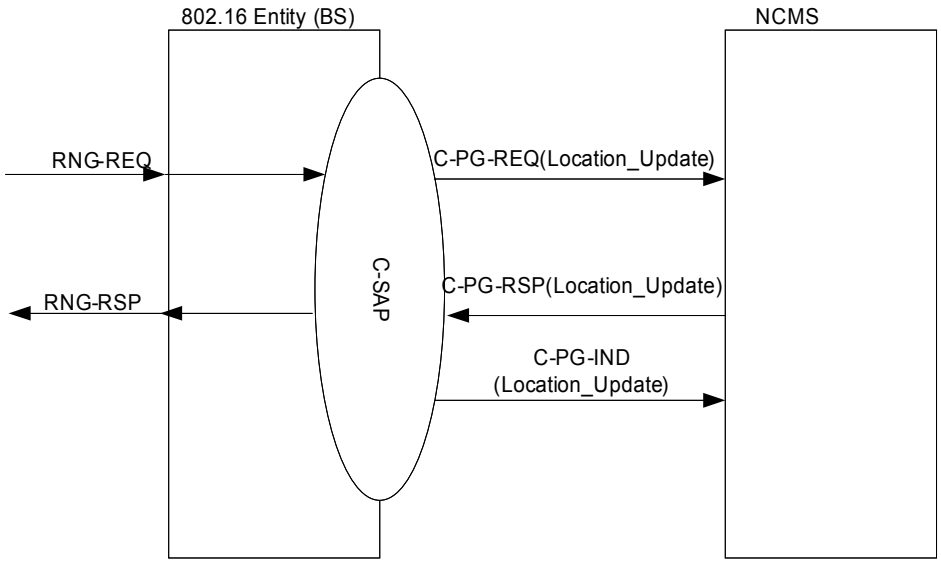
1. **Universal naming schema for SAP service primitive**

…

2. **SAP service primitive object format**

…

3. **SAP service primitive flow diagram template**



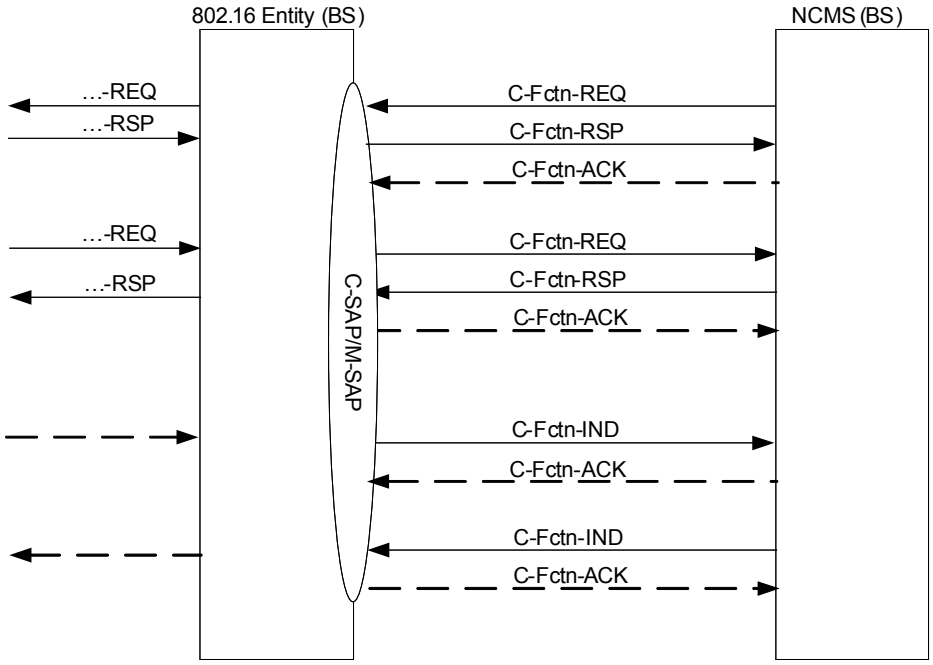


Figure 470 – SAP Service primitive Flow Diagram Template. Four typical handshake scenarios shown here. The procedures are applicable to BS and MS side.

The figure is illustrative only and provides an example of correct formatting of primitive figures.

On page 31, before line 54, insert the following text:

A service primitive of type REQ is used whenever a response to the primitive is solicited. If there is a REQ message on the radio interface, it is generally mapped to a REQ on C-SAP/M-SAP.

A service primitive of type RSP is used in response to a REQ primitive. Moreover, if there is a RSP message on the radio interface, it is generally mapped to a RSP on C-SAP/M-SAP.

A service primitive of type IND is used at C-SAP or M-SAP for event notification if a response to this primitive is not solicited, and if the primitive is not sent in response to a REQ primitive.

A service primitive of type ACK can be used to acknowledge the receipt of a C-SAP primitive of type REQ, RSP or IND.

The specific usage of these operation types for the respective control and management functions is specified in the subsequent sections.

14.2 Management and control functions