

**Agenda item:** 9.9  
**Source:** Ericsson  
**Title:** **Proposed Work Item description on " Vendor specific extensions in NBAP, RNSAP, RANAP and SABP messages "**  
**Document for:** Approval

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### Work Item Description

#### **Title**

Introduction of vendor specific extensions in NBAP, RNSAP, RANAP and SABP messages

#### **1 3GPP Work Area**

X	Radio Access
X	Core Network
	Services

#### **2 Linked work items**

*None*

#### **3 Justification**

Increased efficiency of the UTRAN and the quality of service to the end user.

#### **4 Objective**

When discussing vendor specific protocol extensions for R99, it was agreed that at that point in time it was too early to allow vendor specific message extensions. Vendor specific message extensions would endanger multi-vendor interoperability for basic functionality. Therefore R99 NBAP, RNSAP, RANAP and SABP specifications only allow vendor specific messages, but no vendor specific extensions to standardised protocol messages.

Since, as a result of the effort performed for Rel99 and Rel4, multi-vendor interoperability for basic functionality should be ensured sufficiently, Rel5 is considered a good moment in time for introducing vendor specific message extension mechanisms. This WI should introduce this capability.

**5 Service Aspects**

*None*

**6 MMI-Aspects**

*None*

**7 Charging Aspects**

*None*

**8 Security Aspects**

*None*

**9 Impacts**

Affects :	USIM	ME	AN	CN	Others
Yes			X	X	
No	X	X			X
Don't know					

**10 Expected Output and Time scale (to be updated at each plenary)**

New specifications						
Spec No.	Title	Prime rsp. WG	2 <sup>nd</sup> ary rsp. WG(s)	Presented for endorsement at plenary#	Approved at plenary#	Comments
25.xxx		WG3		RAN #14	RAN #14	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.413		RANAP		RAN #14		
25.419		SABP		RAN #14		
25.423		RNSAP		RAN #14		
25.433		NBAP		RAN #14		

**11 Work item rapporteurs**

Anders Molander (Ericsson)

**12 Work item leadership**

TSG-RAN WG3

**13                    Supporting Companies**

Ericsson, Lucent, NEC, IDC

**14                    Classification of the WI (if known)**

	Feature (go to 14a)
	Building Block (go to 14b)
X	Work Task (go to 14c)

14a    The WI is a Feature: List of building blocks under this feature

14b    The WI is a Building Block: parent Feature

14c    The WI is a Work Task: parent Building Block

RRM optimizations for Iur and Iub