

**Agenda Item:** 8.11  
**Source:** TeliaSonera  
**Title:** Proposed WID for Network Sharing stage 3  
**Document for:** Approval

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### **Work Item Description**

**Title: Network Sharing Stage 3**

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

X	Radio Access
	Core Network
	Services

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

- Network sharing – Technical Report 22.951 “Service Aspects and Requirements for Network Sharing” (SA1-31019)
- Network sharing – Technical Report 23.851 “Architecture and Functional Description” (SA2-32044)

#### **3 Justification**

Network sharing may be used to lower the initial rollout cost for new radio networks. In addition, network sharing provides possibilities for operators not owning a 3G license to be able to deliver 3G services.

Based on the work concurred in SA on “Network Sharing” TSG-RAN should develop support to this feature.

#### **4 Objective**

This work is aimed to develop stage-3 support to “Network Sharing” feature, taking into account Stage 1 and stage 2 requirements. During the work considerations on equipment complexity, current consumption and common channel capacity impacts should be analysed. The solution shall not have impact to earlier release terminals.

#### **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	X	
No	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	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.401		UTRAN Overall Description		RAN#23		
25.413		UTRAN Iu interface RANAP signalling		RAN#23		
25.331		Radio Resource Control (RRC); Protocol Specification		RAN#23		
25.304		UE procedures in idle mode and procedures for cell reselection in connected mode		RAN#23		

## 11 Work item rapporteur

TeliaSonera

## 12 Work item leadership

TSG-RAN WG 2

## 13 Supporting Companies

TeliaSonera, Ericsson, Nokia, Nortel, Dansk Mobiltelefon I/S (Sonofon)

## 14 Classification of the WI (if known)

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

14a The WI is a Feature: List of building blocks under this feature  
(list of Work Items identified as building blocks)

14b The WI is a Building Block: Parent Feature: Network Sharing

14c The WI is a Work Task: parent Building Block  
(one Work Item identified as a building block)