

**3GPP TSG GERAN # 7
Cancun, Mexico
26 – 30 November 2001**

Work Item Description

Title: Feasibility Study to Examine the Impacts of Including Uplink TDOA Location Determination Method

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

None

3 Justification

The proposed feasibility study will investigate the potential for increased performance, overall cost reduction, operational simplification and treatment of legacy handsets offered by uplink TDOA.

4 Objective

The objective of this Work Item is to explore the potential impacts from uplink TDOA location method on the following:

- Call Control, Mobility Management and Radio Resource management
- 3GPP specifications
- Network Protocols
- System Aspects
 - Treatment of legacy MS

The results of this feasibility study will establish whether uplink TDOA is a viable location method. This feasibility study may lead to the creation of work items to include Uplink TDOA in the specifications.

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					
No					
Don't know	X	X	X	X	X

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

New specifications						
Spec No.	Title	Prime resp. WG	2ndary resp. WG(s)	Presented for endorsement at plenary#	Approved at plenary#	Comments
New TR	Feasibility Study to Examine the Impacts of Including Uplink TDOA Location Determination Method	GERAN	GERAN WG1	GERAN#7	GERAN#9 (planned)	

11 Work item rapporteurs

Mr. Bob Gross, TruePosition, Inc.
Mr. Rhys Robinson, TruePosition, Inc.

12 Work item leadership

TSG GERAN

13 Supporting Companies

Cingular Wireless, SBC Communications, AirNet Communications, PA Consulting

14 Classification of the WI (if known)

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

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

N/A

14b The WI is a Building Block: parent Feature

N/A

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

N/A