

3GPP TSG-T2 #26
Montreal, Canada
23-27 August 2004

T2-040329

Title: SMS Fraud countermeasures
Response to: S3040642 (T2-040290)
Release:
Work Item:

Source: T2
To: SA3
Cc: CN4,SA2

Contact Person:

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Attachments: None

1. Overall Description:

T2 has reviewed the above document and its attachment.

T2 of course supports any attempt to reduce the risk of the fraudulent use of SMS.

Such problems that are described in the SA3 document arise from the fact that SMSC's are not always under the control of trusted parties and that some operators have failed to provide adequate control over SMSC's connected to their networks. It only takes one operator to allow unscrupulous SMSC's to connect to their network to result in a problem for all networks and SMS users.

T2 feels that the proposals outlined are fundamentally MAP issues and somewhat outside the scope of T2's work and expertise.

T2 would however like to point out that increased loading on SS7 transactions and additional transactions themselves would result in degradation of overall SMS delivery which operators may be concerned about. Additionally, it is unclear to T2 how it is intended to maintain a list of authenticated Source addresses in every MSC in every network.

2. Actions:

To SA3

T2 asks that SA3 keeps T2 informed concerning the progress of this work so that the impact on 23.040 can be assessed.

3. Date of next T2 Meetings:

T2#27	8 – 12 Nov 2004	Cape Town SA
T2#28	February 2005 tbc	Sophia Antipolis tbc