3GPP/PCG Meeting#3
Sophia Antipolis,
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page 1 of 2

Source: **TSG SA**

Title: **Funding for 3G AMR Characterization Funding**

Agenda item: 8.3.2

Document for:

Decision	**X**
Discussion	
Information	

Liaison To: TSG-SA

From: TSG-S4 Codec Working Group

cc:

Subject: AMR 3G Characterization Funding

TSG-S4 is planning to complete the standardization of the AMR Speech Codec with the edition of a Performance Characterization Report (3G TR 26.901) providing general background information on the behavior and characteristics of the AMR speech codec under a number of representative operational conditions. This report is primary intended to help the radio design and deployment of 3G networks.

To that purpose TSG-S4 will use the results of the subjective tests performed in the scope of the GSM AMR Characterization, applicable to the 3G networks. Specifically all tests performed to qualify the AMR speech codec in error free conditions are directly applicable to the 3G environment.

Additional tests evaluating the quality under 3G error conditions (WCDMA or TD/CDMA) will be required to complete the 3G Characterization Report.

TSG-S4 believes that the required experiments could be compiled in two subjective listening tests performed in 2 different languages. This reduced characterization effort was estimated at 55 kEURO[1], compared with 440 kEURO for the GSM AMR Characterization.

TSG-S4 believes that it is critical to complete the characterization tests of AMR in 3G channels and would like to invite TSG-SA members to confirm their support for this activity.

Additionally, TSG-S4 would welcome any help from TSG-SA in identifying possible sources for the funding of the required subjective tests, providing that the preparation of the corresponding Test Plan cannot be started until the approval of the required funding.

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[1] (2.5 kEuro Processing + 10 kEuro Test Execution per test + 10% margin) x 4 tests