Joint 3GPP TSG SA4#10 - SMG11#15 Meeting
February 28 – March 3 2000, Helsinki, Finland

S4/SMG11 (00)152

Title:	**Draft Communication with ITU-T SG16 Q20/16 "Audio & Wideband Coding"**
Source:	**ETSI SMG11 / 3GPP TSG SA4**
To:	**ITU-T Q20/16**
Cc:	**3GPP TSG SA; ITU-T SG 11; ITU-R TG 8/1**
Agenda Item:	**7**

ETSI SMG11 and 3GPP TSG-SA4 (S4) thanks for the ITU-T SG16 Q20/16 communication in Tdoc SMG11/TSG SA4#10(00)100 of collaboration in their respective Wideband Codec development activities, with the objective to standardize harmonized solutions between SMG11/SA4 and ITU-T Q20/16.

The SMG11/SA4 group understood from Tdoc 100/00 that ITU-T Q20/16 had identified some few areas where discrepancies are found between the ITU-T and the 3GPP-ETSI performance requirements which are as follows:

- Talker dependency
- Transmission of DTMF
- Types of background noise. ITU-T is asking SQEG/SG12 for guidance about the appropriate S/N values and measurement methods.

Regarding the progress and the tight timescale in the AMR-WB standardization work in SMG11/SA4, the group decided to keep the current performance requirements document with regard to talker dependency and for transmission of DTMF.

SMG11/SA4 discussed and agreed to the background noise measurement and scaling method as described in Annex A to the AMR-WB Processing Functions permanent document (v.0.2 is found in Tdoc 166/00).

SMG11/SA4 have learned that ITU-T Q.20/16 will consider at their November 2000 meeting the selected AMR-WB algorithm as a participant in the ITU-T selection test. Furthermore, it was understood that regarding that no ITU-based pool funding is available, cost-sharing with other participants is expected. For this purpose, SMG11/SA4 is ready to make the supporting test results (e.g. the AMR-WB selection test results) and a mapping of the residual error for C/I conditions into equivalent BER/FER figures available to Q.20/16.

SMG11/SA4 are pleased to continue the collaboration and will consider any further suggestion for the purpose of reaching the desired harmonization.