

Title: Report from SMG#31 on SMG11 matters

Source: SMG11 Chairman

Summary of decisions:

- The report of the results of AMR-NS Selection Phase was approved as requested by SMG11. A Technical Report will be prepared on the Selection Phase results.
- The AMR-NS technical specification will consist of a minimum performance specification (without the inclusion of an example algorithm in an informative annex). SMG mandated SMG11 to study functional requirements which may be mandatory.

1. Change Requests (CRs)

No CRs were presented for approval.

2. New specifications

No new specifications were presented for approval.

Draft AMR-NS Technical Specification (P-00-069) was presented for information.

SMG asked that AMR-NS Selection Phase results (Tdoc P-00-068) should be made available as a Technical Report. This was agreed.

3. Noise Suppression for AMR

3.1 AMR-NS selection phase results

AMR-NS Selection Phase report (Tdoc P-00-068) was presented for approval. During approval it was clarified that the formal approval is needed for payment to the test laboratories.

Motorola noted that they believe their candidate has the best performance and expressed that they are not satisfied with the outcome of the selection process. However, there were no objections for approval of the report or the selection outcome.

⇒ *SMG#31 decision: The AMR-NS Selection Phase report was approved.*

3.2 Structure of AMR-NS specification

A draft version 1.0.0 of AMR-NS Technical Specification (minimum performance specification) was presented to SMG for information (Tdoc P-00-069).

A revised scope of the specification was presented to SMG:

- Development of recommended minimum performance requirements for application to AMR for guidance purposes.
- The use of this recommended minimum performance requirements specification is not mandatory except for those solutions intended to be endorsed by SMG11.

- It is the intention of SMG11 to perform analysis and validation of any AMR noise suppression solution which is voluntarily brought to the attention of SMG11 in the future, using the requirements set out in this specification to facilitate such an analysis. In order for SMG11 to endorse such a solution, SMG11 must confirm that all the recommended minimum performance requirements are met.

SMG11 requested SMG to approve that the AMR-NS technical specification will consist of a minimum performance specification only (without the inclusion of an example algorithm in an informative annex).

Furthermore, SMG was requested to approve, for the scope of the specification, that the minimum performance specification contains recommended minimum performance requirements for application to AMR for guidance purposes, and that the use of this recommended minimum performance requirements specification is not mandatory except for those solutions intended to be endorsed by SMG11.

Nortel Networks expressed their view that it is not clear if the requirement for network to be able to enable or disable the operation of the noise suppression algorithm should be limited only to the solutions endorsed by SMG11. SMG11 Chairman clarified that the requirements set in the minimum performance requirements are not intended to be mandatory except for the solutions endorsed by SMG11, as defined in the Scope. Nortel Networks felt that this is not in line with Stage 1 description, which they referred to. They expressed as their view that they would see it necessary that also mandatory functional requirements would be defined for AMR-NS. The proposal to have functional requirements was supported in the discussion. It was agreed that SMG approves the request from SMG11, except that SMG11 is mandated to study the functional requirements, which may be mandatory.

⇒ *SMG#31 decision: SMG endorses the request from SMG11, except that SMG11 is mandated to study the functional requirements, which may be mandatory.*

4. AMR-Wideband

The status of AMR-WB work was presented.

AMR-WB Design Constraints (Tdoc P-00-070) and Performance Requirements (Tdoc P-00-071) were presented for information. There were no comments on these.

List of documents submitted to SMG#31:

Title	Agenda Item	Source	Tdoc SMG#31
SMG11 Status report to SMG#31 Plenary	6.10	SMG11 Chairman	P-00-067
Results of AMR-NS selection phase, v. 2.0	6.10	SMG11	P-00-068
Minimum performance Requirements for Noise Suppressor Application to the AMR Speech Encoder v. 1.0.0	6.10	SMG11	P-00-069
Permanent project document WB-4: Design Constraints,v. 1.0	6.10	SMG11	P-00-070
AMR-WB Performance Requirements WB-3 v. 1.0	6.10	SMG11	P-00-071
Presentation of SMG11 status report at SMG#31 (slides)	6.10	SMG11 Chairman	P-00-100