Source:	**TSG-S4**
Title:	**New Updated List of TSG-S4 Deliverables**
Document for:	**Information**
Agenda Item:	**11**

This document contains in Annex 1 an updated list of TSG-S4 deliverables following the TSG-S4#4 meeting and the endorsement from TSG SA of the structure and numbering scheme of the 3GPP specification series.

The list will be updated after each TSG-S4 meeting to take into account any progress in the production of the specifications and/or newly identified deliverables.

All TSG-S4 specifications are new 3GPP specifications, except the Mandatory Speech Codec specifications that are derived from the GSM AMR specifications. Consequently, the new 3GPP specifications numbers based on the ab.**c**de scheme in the 26 series, are given in Annex 1.

All specification numbers are provisional until confirmed by the 3GPP technical support team.

Tdoc numbers given in bold pertain to documents presented for information at TSG-SA#3 meeting.

Annex 1: Draft List of TSG-S4 Deliverables:　　　　　　　　　　　　　　　　　　　　　　**Version: 0.3, 1999-04-28**

Deliverable	Title	Features under study	Dependency	Editor	Date for approval	WI Rapporteur	Comment/Status
TS 26.071 (ex 26.010)	AMR Speech Codec; General Description	None Mandatory Speech selected	None	Erik Ekudden Ericsson	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99196**
TS 26.090 (ex 26.011)	AMR Speech Codec; Transcoding functions	None Mandatory Speech selected	None	Erik Ekudden Ericsson	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99197**
TS 26.073 (ex 26.012)	AMR Speech Codec; ANSI C-Code	None Mandatory Speech selected	Final version to be derived from new version to be approved in SMG11	Erik Ekudden Ericsson	Baseline: TSG-SA#4 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 0.1.0 proposals reviewed in TSG-S4#3
TS 26.074 (ex 26.013)	AMR Speech Codec; Test Sequences	Definition of Test Sequences	To be completed by SMG11	?	Release 99: TSG-SA#6	Erik Ekudden Ericsson	No Rapporteur identified
TS 26.092 (ex 26.014)	AMR Speech Codec; Comfort noise aspects	None Mandatory Speech selected	None	Erik Ekudden Ericsson	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99198**
TS 26.091 (ex 26.015)	AMR Speech Codec; Error Concealment of lost frames	None Mandatory Speech selected	None	Erik Ekudden Ericsson	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99199**
TS 26.093 (ex 26.016)	AMR Speech Codec Source Controlled Rate operation	Adaptation of existing GSM DTX specification	None	Erik Ekudden Ericsson	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99200**
TS 26.094 (ex 26.017)	AMR Speech Codec Voice Activity Detector	None	Final version to be derived from new version to be approved in SMG11	Nokia/Motorola	Baseline: TSG-SA#4 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 0.1.0 proposals reviewed in TSG-S4#3
TS 26.101 (ex 26.018)	AMR Speech Codec Frame Structure	Frame bit content, CRC	Definition of the speech service channel coding	Jari Hagqvist Nokia	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99201**
TS 26.102 (ex 26.019)	AMR Speech Codec Interface to Iu and Uu	In relation with definition of system interfaces (Iu)	Iu Specification? Definition of the speech service channel coding	Wiliam Navarro Nortel Networks	Baseline: TSG-SA#4 Release 99: TSG-SA#6	Erik Ekudden Ericsson	Version 0.2.0 reviewed in TSG-S4#4
TR 26.901 (ex 26.020)	AMR Speech Codec Performances Characterisation	Preparation of test plan Identification of Host Lab and Listening Lab	Definition of Channel Coding w/ (TSG-R1)	Alain Ohana GSM North America	Release 99: TSG-SA#6	Erik Ekudden Ericsson	No SQ expertise in 3GPP No Funding identified yet Partial Transfer to SMG11
TS 26.110 unchanged	Codec(s) for Circuit Switched Multimedia Telephony Service General Description	-	None	Barry Aronson Toshiba	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Barry Aronson Toshiba	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99202**
TS 26.111 unchanged	Codec(s) for Circuit Switched Multimedia Telephony Service Modifications to H.324	-	None	Barry Aronson Toshiba	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Barry Aronson Toshiba	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99203**
TS 26.112 unchanged	Codec(s) for Circuit Switched Multimedia Telephony Service Call Set Up Requirements	-	None	Harri Honko Nokia	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Barry Aronson Toshiba	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99204**
TR 26.911 (ex 26.115)	Codec(s) for Circuit Switched Multimedia Telephony Service Terminal Implementor's Guide	-	None	Petri Haavisto Nokia	Baseline: TSG-SA#3 Release 99: TSG-SA#6	Barry Aronson Toshiba	Version 1.0.0 presented for information at TSG-SA#3 in Tdoc **SP-99205**
TR 26.912 (ex 26.116)	Quantitative performance evaluation of H.324 Annex C over 3G	-	None	Olle Franceschi, Ericsson	Baseline: TSG-SA#4 Release 99: TSG-SA#6	Harri Honko Nokia	Version 0.0.1 reviewed in TSG-S4#4

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TR 26.913 (ex 26.216)	Quantitative performance evaluation of real-time packet switched multimedia services over 3G	tbd	tbd	Harri Honko Nokia	Release 99: TSG-SA#6	Harri Honko Nokia	First draft expected for 6/99
TR 26.915 (ex 26.350)	Transmission planning aspects of the services in 3G PLMN System	tbd	None	Ian Goetz, Cellnet (tbc)	Release 99: TSG-SA#6	Harri Honko Nokia	First draft expected for 6/99
TS 22.053 unchanged	Tandem Free Operation of speech codecs; Stage 1 service description	Evolution of GSM 02.53	Sent to TSG-S1 for review	William Navarro Nortel Networks	Release 99: TSG-SA#6	William Navarro Nortel Networks	Version 0.1.1 reviewed in TSG-S4#4
TR 26.920 (ex 26.060)	Architectural Model for the 3G Transcoders	-	Version 0.1.1 sent to TSG-S2 for comments	William Navarro Nortel Networks	Release 99: TSG-SA#6	William Navarro Nortel Networks	Version 0.1.1 reviewed in TSG-S4#4
TS 26.121 (ex 26.061)	Technical Specification for Tandem Free Operation within 3G networks	tbd	tbd	?	Release 99: TSG-SA#6	William Navarro Nortel Networks	
TS 26.122 (ex 26.062)	Technical Specification for Tandem Free Operation between 3G and 2G networks	tbd	tbd	?	Release 99: TSG-SA#6	William Navarro Nortel Networks	

Work Programs:

WI-S4-1: Mandatory Speech Codec for Narrow band Speech Telephony Service
    Draft Work Program available for internal TSG-S4 use

WI-S4-2: Codec for Low bit rate Multimedia Telephony Service
    Draft Work Program available for internal TSG-S4 use

WI-S4-3: QoS for Speech and Multimedia Codec
    Work Program version 0.2.0 presented for information at TSG-SA#3

WI-S4-5: Codec(s) for Wideband Telephony Services
    Draft Work Program expected for TSG-S4#5

WI-S4-6: Tandem Free Operation in 3G systems and between 2G and 3G systems
    Draft Work Program available for internal TSG-S4 use