Source: **3GPP TSG-GERAN Chairman, Niels Peter Skov Andersen**

Title: **TSG-GERAN Management Report**

Agenda item: **4**

Document for:

Decision	
Discussion	
Information	**X**

1 Main events since last meeting

In the period October 2002 (PCG#09) to May 2003 (PCG#10) TSG-GERAN have held three TSG-GERAN plenary meeting, TSG-GERAN#12 in Sophia Antipolis, France 18 – 22 November 2002, TSG-GERAN#13 in San Antonio, USA 3 – 7 February 2003 and TSG-GERAN#14 in München, Germany 7 – 11 April 2003. Further to TSG-GERAN plenaries, a number of meetings of the TSG-GERAN working groups and ad-hoc meetings have taken place.

At TSG GERAN#14 an election of TSG GERAN officials was performed. The result was re-election of the existing TSG GERAN management team:

TSG GERAN Chairman	Niels Peter Skov Andersen, Motorola A/S
TSG GERAN Vice Chariman	Marc Grant, Cingular
TSG GERAN Vice Chairman	Michael Färber, Siemens

At TSG GERAN#13 TSG GERAN after a trying a joint session of WG4 and WG5 TSG GERAN decided to reduce the number of Working Groups from 5 to 3 by merging the old WG1 and WG3 and merging the old WG4 and WG5. Before the change the structure was as follows:

TSG GERAN WG1 – Radio Aspects

TSG GERAN WG2 – Protocol Aspects

TSG GERAN WG3 – Base Station Testing and O&M

TSG GERAN WG4 – Terminal Testing – Radio Aspects

TSG GERAN WG5 – Terminal Testing – Protocol Aspects

After the change the following working groups has been established:

TSG GERAN WG1 – Radio Aspects, Base Station Testing and O&M

TSG GERAN WG2 – Protocol Aspects

TSG GERAN WG3 – Terminal Testing

TSG GERAN expect at TSG GERAN#15 to have finalised the new terms of references for its Working Groups.

2 Releases

No major problems have been found in relation to Release 4 and TSG GERAN therefore considers release 4 stabile. It is perhaps worth recalling that regarding earlier releases TSG-GERAN have issued a technical specification documenting very late changes to the Release 97 and Release 98 specifications for GPRS. This in order to ensure that documentation of the behaviour already existing mobiles exist when it has been found necessary to update the specifications for Release 97 and Release 98.

For Release 5 the key novelties are support for voice on 8-PSK channels full rate and half rate. Support for AMR-WB and support of Iu interface between the GERAN and the Core Network with the associated protocol stacks to the mobile etc. The work on Release 5 was completed before the previous PCG meeting except for usual correction phase following introduction of major items in the specifications and the final RF performance requirements for the new channel configurations. TSG GERAN now believes that the open issues are closed and only the usual maintenance following major additions to the standard is remaining.

As reported at the last PCG meeting, at the TSG GERAN #09 proposals were received suggesting that TSG GERAN looked into performing enhancements to the A/Gb mode of operation in order to be able to provide (a subset of) IMS services over the A/Gb interfaces and thereby enable the IMS service on a larger base of GSM legacy networks. TSG GERAN decided to perform a feasibility study on the subject of A/Gb-mode enhancement in order better to plan for any such enhancement as well as evaluating the interaction with the ongoing work on Iu-mode. This feasibility study processed and some work items, such as support of multiple TBF, streaming QoS was spun off. The main item for which feasibility was evaluated and debated longest was the potential for provision of conversational class services in A/Gb mode. TSG GERAN how now agreed a work plan and the corresponding work items also for provision of conversational class services in A/Gb mode.

Of other key activities for the next release(s) can be mentioned the ongoing feasibility study of Single Antenna Interference Cancellation (SAIC) and Flexible Layer One. TSG GERAN is also working on MBMS and have planned a workshop in May to progress the GERAN specific aspects of MBMS with focus on the radio bearer issues.

As reported earlier TSG GERAN have elaborated a quite detailed work plan utilizing the Feature, Building Block and Work Task philosophy as used by the other TSGs. This work plan has following been integrated in the overall 3GPP work plan. TSG-GERAN are keeping its work item updated, in order to ensure that the correctly reflect the planned work and align with the general structure in the overall 3GPP work plan.

3 Management issues

The leadership of TSG GERAN is unchanged in the period and as follows:

TSG GERAN Chairman	Niels Peter Skov Andersen, Motorola A/S
TSG GERAN Vice Chariman	Marc Grant, Cingular
TSG GERAN Vice Chairman	Michael Färber, Siemens
TSG GERAN WG1 Chairman	Niels Peter Skov Andersen, Motorola A/S

TSG GERAN WG2 Chairman	José Luis Carrizo Martínez, Vodafone
TSG GERAN WG3 Convenor	Ilya Gonorovsky, Motorola Ltd

The support team for TSG GERAN has been adjusted to reflect the changed structure, ie., there is only need for three different MCC secretaries to support TSG GERAN. However, this has not impacted the overall requirement for support to update specifications etc.. More generally TSG GERAN believes that the support requirement for 2004 can be considered as being the same as for 2003.