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 November 2000 (PCG#04) to November 2000 (PCG#05) TSG-GERAN have held two TSG-GERAN plenary meeting, TSG-GERAN#03 in Boston, USA, 15 – 19 January 2001 and TSG-GERAN#04 in Biarritz, France, 2 – 6 April 2001. Further to TSG-GERAN plenaries, a number of meetings of the TSG-GERAN working groups and ad-hoc meetings have taken place.

TSG GERAN have established the following four working groups:

TSG GERAN WG1 – Radio Aspects

TSG GERAN WG2 – Protocol Aspects

TSG GERAN WG3 – Base Station Testing and O&M

TSG GERAN WG4 – Terminal Testing

2 Appointment of TSG GERAN officials

TSG GERAN had its fourth meeting in the week 2 – 6 April 2001 and performed and election of TSG officials according to the working procedures, i.e. made a call for candidates for chairman and vice chairmen. Two candidatures for vice chairman were received including the required letter of support from the candidates' organization. Subject to confirmation from 3GPP PCG TSG-GERAN elected the two candidates Michael Färber, Siemens and Marc Grant, SBC vice-chairmen of TSG GERAN. For the position of chairman of TSG GERAN a candidature for chairman was received including the required letter of support from the candidates organization. Subject to confirmation from 3GPP PCG TSG-GERAN elected the candidate Niels P S Andersen, Motorola as chairman of TSG GERAN.

The PCG is invited to endorsed the proposed leadership of TSG GERAN for the period.

3 Releases

At TSG GERAN#04 TSG GERAN completed the expected work item for release 4 and thus causes no changes to the Release 4 content as agreed at TSG-SA#11. Regarding earlier releases it shall be noted that TSG-GERAN decided to issue 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.

4 Management issues

At its initial meeting TSG-GERAN elaborated approximately 30 work items to cover the work of TSG GERAN. These work items have all be incorporated in a 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 have at the following meetings updated and adjusted these work item, in order to ensure that the correctly reflect the planned work and better aligns with the general structure in the overall 3GPP workplan.

It is to be noted that as the TSG GERAN WG3 chairman is no longer able to continue chairing the group a call for candidates for the TSG GERAN WG3 chairman position was made according to the working procedures, however no candidatures was received before or during the meeting. So currently TSG-GERAN WG3 is without a leadership. The TSG GERAN management have taken on board the task to find a convenor to convene the next meeting of the group.

As reported to PCG#06 the work split for dual mode (UTRAN-GERAN) testing between TSG GERAN WG4 and TSG T WG1 has been discussed with the TSG T WG1. Also the possibility of obtaining more synergy and reuse of test cases between the two groups has been discussed. The discussion showed that the access technology specific part are clear and simple and the split can be described as follows:

- TSG GERAN WG4 responsible for Access Stratum (AS) related to GERAN
- TSG T WG1 responsible for Access Stratum (AS) related to UTRAN
- Dual mode testing split following the core specifications
    - TSG GERAN WG4 responsible for GSM to 3G HO/Cell selection
    - TSG T WG1 responsible for 3G to GSM HO/Cell selection

However, the situation for the testing of Non Access Stratum is not as simple as it could have hoped for considering the common core network. It is found that a part of the Non Access Stratum test dependent on access network, e.g., Mobility Management tests. Other parts of Non Accees Stratum have separate test case depending on the access stratum even though it is the same common core specifications. The TTCN test cases developed by TSG T can theoretically cover both GSM and 3G, however if adopted today no verified test cases would exist for GSM Release 99. The GSM TTCN cases do not have a clear separation between AS and NAS – Therefore AS TTCN cases needs reworking to have common NAS test cases.

As reported earlier before any further cooperation with TSG T on the NAS test cases is initiated TSG GERAN will have to consider the full consequences of any change on availability of single mode GSM tests.

Also it should be noted that in order to rewrite the Access Stratum TTCN test cases it would probably be required to establish dedicated team similar to what TSG T have established for their Abstract Test Suites, and which has been founded by the partners. For the time being no detailed estimate of the cost of converting the GSM TTCN test cases has been made. But based on the estimates made by TSG T for their test case, an estimate for the cost of rewriting the GSM TTCN cases would be in the order of 600 kEuro. The studies have so far revealed no interest in redoing the exist GSM test cases, so the task will be initiated unless a strong desire is expressed, in which case the work probably would have to be performed by a dedicated found team.