3GPP/PCG Meeting#5
San Francisco,
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Source: **3GPP TSG-GERAN Convenor, 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 July 2000 (PCG#04) to November 2000 (PCG#05) TSG-GERAN have held two TSG-GERAN plenary meeting, TSG-GERAN#01 in Seattle, USA, 28 August – 1 September 2000 and TSG-GERAN#02 in Norrtälje, Sweden, 6 – 10 November 2000. Further to TSG-SA plenaries, a number of meetings of the TSG-SA working groups have taken place.

At the first meeting of TSG GERAN, TSG GERAN establish four working groups with the following areas of responsibility:

TSG GERAN WG1 – Radio Aspects

 ?? RF aspects of GERAN

 ?? GERAN radio performance and RF system aspects

 ?? Ater (CCU-TRAU)

 Note: This corresponds to work of ETSI SMG2 WPB

TSG GERAN WG2 – Protocol Aspects

 ?? GERAN Radio Layer 2 specification

 ?? GERAN Radio Layer 3 RR specification

 ?? A interface specification, Gb interface specification

 ?? Internal GERAN interface specifications such as Abis

 Note: This corresponds to work of ETSI SMG2 WPA

TSG GERAN WG3 – Base Station Testing and O&M

?? Conformance test specifications for testing of all aspects of GERAN base stations

?? GERAN specific O&M specifications for the nodes in the GERAN

Note: This corresponds to work of ETSI SMG2 WPC & Radio part of ETSI SMG6

TSG GERAN WG4 – Terminal Testing

?? Conformance test specifications for testing of all aspects of GERAN terminals

Note: This corresponds to work of ETSI SMG7

2   Appointment of TSG GERAN officials

TSG GERAN had its second meeting in the week 6 – 10 November 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 now candidatures were received, however a joint contribution from high number of TSG GERAN members was received. This contribution recommend that in order to keep stability of the work in TSG GERAN it would be preferable if the current Convenor Niels P S Andersen, Motorola continued chairing TSG GERAN until the next planned election of TSG GERAN chairman and vice chairmen at TSG GERAN#04 first week of April 2001. Subject to confirmation from 3GPP PCG, TSG GERAN agreed the proposal, as there was general support in TSG GERAN for this proposal and the Convenor Niels P S Andersen was willing to continue to chair the TSG GERAN meetings.

The PCG is invited to endorsed the proposed leadership of TSG GERAN for the period until the next scheduled election of TSG leadership at TSG#11/GERAN#04.

3   Management issues

TSG-GERAN have 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.

In order to establish the work split for dual mode (UTRAN-GERAN) testing the work split between TSG GERAN WG4 and TSG T WG1 has been discussed with the TSG T WG1 chairman. 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 an d 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

    - o TSG GERAN WG4 responsible for GSM to 3G HO/Cell selection

    - o 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.

Before any further cooperation with TSG T 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.