Agenda Item: 6.1.2.5

Source: **NTT DoCoMo**

Title: **Proposed LS to N3 and T2 (Non-Transparent FAX service)**

Document for: **Approval**

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Liaison Statement to TSG-N3 and TSG-T2

Source: **TSG-S1**

Liaison To: **TSG-N3, TSG-T2**

Title: **Non-Transparent FAX service**

TSG-S1, TSG-N3 and TSG-T2 have all discussed the way to offer FAX services in the 3GPP specifications. As explained in the last TSG-S1 meeting, the Japanese market for FAX is significant and growing. The market is used to small FAX devices.

However it is understood that the changes proposed to 22.00 were a little confusing to the technical people in CN3 and T2 and that some more information was required in order to further the development work.

To clarify the needs of the market we give some more detail in the following requirements:

1.   3GPP should offer a FAX service which works end to end such that a sender on the PSTN is aware of whether or not the FAX has succeeded, and such that a mobile sender is aware of whether or not the FAX has succeeded. From the user perspective the FAX service must look and feel like a T.30 based FAX service.

2.   3GPP should offer a FAX service which can be rapidly deployed, based essentially on existing technology.

3.   3GPP should offer a FAX service which can work with ordinary T.30 based FAX machines at the mobile end using a "mobile FAX adaptor". This is required because many users prefer the larger, laser-based printing which is possible with today's PSTN FAX machines.

TSG-S1 recognises that IP-based FAX will be developed as a part of 3GPP and that this will bring many advantages. However Non-Transparent FAX service is also required to fulfil the requirements above.