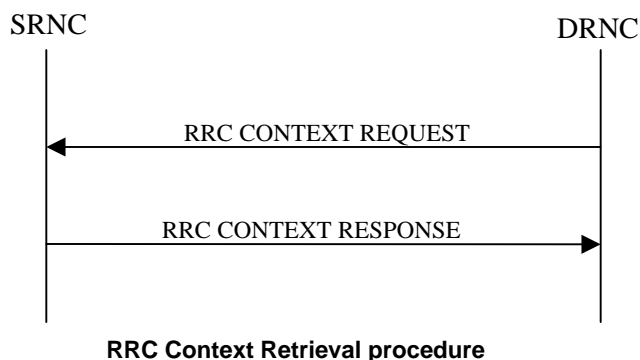**Title:**   **RRC Context Retrieval procedure**

Source: **Italtel, Siemens, CSELT**

Agenda Item: **15.2 (Iur Signalling – Procedure specification)**

Document for: **Approval**

This contribution proposes a RRC Context Retrieval procedure to be supported on Iur.
This procedure can be used during RRC Connection Re-establishment on a new RNC.
We propose to include this procedure in TS 25.423 'RNSAP Specification'.

RRC Context Retrieval procedure

When the target RNC makes an algorithmic decision to re-establish a RRC connection as a consequence of the reception of the RRC message RRC CONNECTION RE-ESTABLISHMENT REQUEST, the RNSAP message RRC CONTEXT REQUEST is sent to the corresponding serving RNC to request RRC context. This message contains essentially Old RNTI.
The serving RNC responds with the RNSAP message RRC CONTEXT RESPONSE.
This message contains essentially DCH information for each active DCH.
The message content of the two messages is detailed in the following tables.

Information element	Reference	Type
Message type		M
Transaction ID		FFS
S-RNTI		M

Message content of the RNSAP message RRC CONTEXT REQUEST

Information element	Reference	Type
Message type		M
Transaction ID		FFS
S-RNTI		M
DCH information		M
DCH ID		M
Transport format set (DL)		M
Transport format set (UL)		M
TFCS (UL)		M
TFCS (DL)		M
Uplink scrambling code (FDD only)		M

Message content of the RNSAP message RRC CONTEXT RESPONSE

Other parameters (e.g. RAB information) are FFS.