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2 TSG-A CORRESPONDENCE  
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9 13 December 2012  
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To: 3GPP TSG RAN3  
Dino Flore  
Chair, 3GPP RAN3  
Qualcomm Incorporated  
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12 **Subject: R3-122935 - LS on LTE-HRPD inter RAT SON**  
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14 Dear Dino,  
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16 3GPP2 TSG-A wishes to thank RAN3 for their LS on LTE-HRPD inter RAT SON (R3-122935) and for sending us  
17 the draft TR "LTE-HRPD Inter-RAT Self-configuring and self-optimizing network (SON) use cases and solutions  
18 (Release 12)" (R3-122887).  
19

20 3GPP2 is interested in inter-RAT SON relative to EUTRAN and eHRPD. We intend to cooperate with 3GPP in  
21 defining the interface for EUTRAN – eHRPD scenarios. TSG-A has not defined intra-CDMA load information  
22 exchange at this time.  
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24 TSG-A has reviewed the draft TR and feels that the following points are important to EUTRAN/eHRPD inter-RAT  
25 SON:

- 26 • Reuse of the RIM protocol that has already been designed for similar purposes.
- 27 • Reuse of as many of the IEs that have been designed for RIM as possible in both directions  
28 (EUTRAN $\leftrightarrow$ eHRPD), with addition of values, categories, etc. as required. As an example, the  
29 Composite Available Capacity IE (TS 36.423 section 9.2.45) is a candidate for reuse with eHRPD  
30 networks.
- 31 • Use the MME as the point of contact in EUTRAN.
- 32 • Allowing the MME to consider that all communications are directed to/from an eHRPD function that  
33 forwards the signaling to the correct eHRPD eAN/ePCF(s).
- 34 • Avoiding use of S101, since CDMA operators have not implemented that interface at this time, and should  
35 not be forced to do so to take advantage of inter-RAT SON.  
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37 Relative to the organization of the inter-RAT SON work in 3GPP, TSG-A takes no position on how RAN3 should  
38 organize your work. Solutions 5.1 and 5.2 are both possible.  
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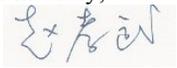
40 **ACTIONS REQUESTED:**

- 41 1. 3GPP RAN3 is kindly asked to consider the points listed above in progressing their work.
- 42 2. 3GPP2 TSG-AC requests the opportunity to review and assist in the definition of the RIM IEs and IE  
43 values that pertain to eHRPD entities. (Please note that 3GPP2 is restructuring and TSG-A will now  
44 become part of TSG-AC.)  
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46 We look forward to continued cooperation on this matter.

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Sincerely,



Dr. Xiaowu (Frankle) Zhao  
Chair, 3GPP2 TSG-A

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