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3 **3GPP2 CORRESPONDENCE**
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12 August 4, 2006

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19 Mr. L.E. Jonsson
20 RoHC Working Group Chair
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25 **Subject: RoHC Revised Profiles Dependency**
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27 Dear Thomas and Lars-Erik,
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29 As was mentioned in a previous liaison dated March 30th, 2006, reordering support in RoHC is
30 extremely important for 3GPP2, since packets can arrive out-of-order.
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32 Recently, RoHC v2 profiles were proposed in the draft *draft-pelletier-rohc-rohcv2-profiles-*
33 *00.txt*. These profiles contain a number of significant changes from the RoHC v1 profiles defined
34 in RFC 3095. However, 3GPP2 member companies have already implemented solutions based on
35 RoHC v1 and are planning to roll out commercial deployments of HRPD Rev-A based on that
36 standard.
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38 During implementation and testing, we noticed that adding re-ordering support to RoHC vastly
39 improves the overall system performance. So, we are looking for minor enhancements to RFC
40 3095 profiles to include support for re-ordering. The draft *draft-kapoor-rohc-profiles-reordering-*
41 *00.txt* describes RoHC profiles that capture such small enhancements.
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43 The draft *draft-kapoor-rohc-profiles-reordering-00.txt* is essential as well as urgent for 3GPP2.
44 We request that the work on this document be completed as soon as possible.
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46 Regards,
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