

Hi,

Here is the last version with official tdoc number.  
Thanks a lot for the discussion.

Br, Woonhee

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**From:** ext Hwang, Woonhee (NSN - FI/Espoo) [mailto:woonhee.hwang@NSN.COM]  
**Sent:** 15 May, 2009 12:07  
**To:** 3GPP\_TSG\_RAN\_WG2@LIST.ETSI.ORG  
**Subject:** Re: [66#4] LTE-UMTS: UE capability transfer at inter-RAT handover: 4) CR on 36.331

Dear all,

I got some further suggestion to improve the wording in the paranthesis.  
And here is another revision. Thanks Tao.

Br, Woonhee

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**From:** ext Hwang, Woonhee (NSN - FI/Espoo) [mailto:woonhee.hwang@NSN.COM]  
**Sent:** 15 May, 2009 10:00  
**To:** 3GPP\_TSG\_RAN\_WG2@LIST.ETSI.ORG  
**Subject:** Re: [66#4] LTE-UMTS: UE capability transfer at inter-RAT handover: 4) CR on 36.331

Hi Tao,

Thanks for the comment.  
It seems that GERAN decided not to send the reply this week. Thus I guess you want to continue this discussion for the next meeting.

For the actual CR,

- sorry for the cover page. I'll correct it.
- For the first change, can UTRA capabilities be included in case of GERAN to LTE HO or not? If UTRA capabilities are optional from UTRAN to GERAN HO, I thought they can be optional also for GERAN to LTE HO...
- And then I propose we add some sentence saying that target has to ignore if it receives UTRA capabilities not to confuse the target eNB.

And the revision is attached. Please have a look.

Br, Woonhee

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**From:** ext Tao Cui [mailto:tao.cui@ERICSSON.COM]  
**Sent:** 15 May, 2009 01:10  
**To:** 3GPP\_TSG\_RAN\_WG2@LIST.ETSI.ORG  
**Subject:** Re: [66#4] LTE-UMTS: UE capability transfer at inter-RAT handover: 4) CR on 36.331

Dear Woonhee,

We would suggest not to go further on this issue while we are waiting for responses from GERAN and SA3. we are not fond of ending up having different behaviours in the RNC based on the target RAT. of course this will depend on the responses from GERAN. It is true that now the eNB will always acquire the UTRA caps from the UE. so the eNB will simply ignore the caps if received from the RNC. I don't see why we must mandate the RNC not to send the UTRA caps. anyway we suggest we decide on it when we see responses from GERAN and SA3.

and some other comments on the 36.331 CR, on the cover page, And at RAN2 #66, it was agreed that UTRA capabilities will not be provided during inter-RAT HO preparation and UTRA UE capabilities will never be transferred to target eNB from the source RAT during the inter-RAT HO preparation. They do not reflect the agreement that the UTRA caps is optional at HO from UTRAN to EUTRAN/GERAN. and in the first change, you may say 'in case of inter-RAT handover from UTRAN to EUTRAN'.

BR/Tao

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**From:** Hwang, Woonhee (NSN - FI/Espoo) [mailto:woonhee.hwang@NSN.COM]  
**Sent:** den 14 maj 2009 17:00  
**To:** 3GPP\_TSG\_RAN\_WG2@LIST.ETSI.ORG  
**Subject:** Re: [66#4] LTE-UMTS: UE capability transfer at inter-RAT handover: 4) CR on 36.331

Dear all,

Actually I myself have one question on this CR.  
Current CR is according to the agreement at the last RAN2 meeting. i.e, UTRA capabilities are optionally provided during inter-RAT HO from UTRA preparation.

However it is very clear that UTRA capabilities, if it is provided from RNC during inter-RAT HO preparation from UMTS to LTE, shall be ignored by eNB because START values coming from RNC will not be the same as ones in the UE. And eNB has to acquire them from UE regardless whether they were received from source RAT or not. Then isn't it clearer that we just say that UTRA capabilities are not provided by source RAT in case of inter-RAT HO to LTE?

To me, making optional looks a small trap to the target RAT. What is target RAT supposed to do if it receives? Should we say in the CR that they are optional and if received, ignore them?

Currently CR is written as following.

E-UTRA radio access capabilities are always included and in case of inter-RAT handover to E-UTRA, UTRA radio access capabilities may be included. In case of inter-RAT handover to E-UTRA and the source is GERAN, GERAN capabilities are always included.

But how about

E-UTRA radio access capabilities are always included and in case of inter-RAT handover to E-UTRA, UTRA radio access capabilities are not included. In case of inter-RAT handover to E-UTRA and the source is GERAN, GERAN capabilities are always included.

Br, Woonhee

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**From:** ext Hwang, Woonhee (NSN - FI/Espoo) [mailto:woonhee.hwang@NSN.COM]  
**Sent:** 12 May, 2009 16:45  
**To:** 3GPP\_TSG\_RAN\_WG2@LIST.ETSI.ORG  
**Subject:** [66#4] LTE-UMTS: UE capability transfer at inter-RAT handover: 4) CR on 36.331

Hi,

Here is the LTE RRC CR (36.331) on UE Capability transfer.  
The deadline of email discussion is until Friday.  
Please let me know if you have any comments.

Br, Woonhee

<<draft 36331\_CR0182\_(Rel-8)\_R2-09xxxx (UE Capabilities)\_r1.zip>>