New Orleans, Louisiana, USA, 3-6 December, 2002

## Title <br> Source <br> Agenda Item <br> CRs (Rel-4 and Rel-5 Category A) to TS 29.108 TSG RAN WG3 <br> 7.3.4

| RAN3 Tdoc | Spec | curr. <br> Vers. | new Vers. | REL | CR | Rev | Cat | Title | Work item |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :--- | :---: |
| R3-022574 | 29.108 | 4.2 .0 | 4.3 .0 | REL-4 | 009 | 1 | F | Explicit indication of relocation related messages | TEI4 |
| R3-022575 | 29.108 | 5.1 .0 | 5.2 .0 | REL-5 | 010 | 1 | A | Explicit indication of relocation related messages | TEI4 |


| CHANGE REQUEST ${ }^{\text {CR-Form-v7 }}$ |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\mathscr{H}$ | 29.108 CR | 009 | \& rev | 1 | \% | Current version: | 4.2 .0 | \% |

For HELP on using this form, see bottom of this page or look at the pop-up text over the $\mathscr{H}$ symbols.

Proposed change affects: UICC apps\&̊ $\square$
$\square$ Radio Access Network $\square$ Core Network X


| Reason for change: \% | According to TS 23.009, subclause 8.3, <br> "during the relocation resource allocation, only the relocation related messages that are part of the applicable RANAP subset - as defined in 3GPP TS 29.108 [15] - shall be transferred on the E-interface;", <br> but in TS 29.108 the 'relocation' related messages are not indicated explicitly. Therefore, it is not clear, whether e.g. the Relocation Cancel message belongs to the applicable RANAP subset, or whether the resource allocation has to be cancelled by sending a BSSMAP Handover Failure message. <br> Similarly, TS 23.009, refers to 'trace related messages'. <br> Impact Analysis: <br> Impact assessment towards the previous version of the specification (same release): <br> This CR has isolated impact with the previous version of the specification (same release) because a node not implementing this change would restrict the allowed messages to be sent on E-interface. <br> This CR has an impact under functional and protocol point of view. <br> The impact can be considered isolated because the change affects only the relocation control function within the CN. |
| :---: | :---: |
| Summary of change: | Relocation related and trace related messages are indicated explicitly in the list in clause 6. |
| nces if $\mathscr{H}$ |  |

## Clauses affected: \& 6 <br> Other specs <br>  <br> Other core specifications \&f TS 29.108 Rel-5 CR010 affected: <br> Test specifications <br> O\&M Specifications

## Other comments: $\notin$

How to create CRs using this form:
Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

1) Fill out the above form. The symbols above marked $\not \mathscr{H}$ contain pop-up help information about the field that they are closest to.
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3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

## 6 RANAP messages transferred on the E-interface

The list given below shows the RANAP messages, defined in TS 25.413 subclause 9.1(tabular format) and 9.3 (ASN. 1 notation) that are transferred on the E-interface.

RAB ASSIGNMENT REQUEST
RAB ASSIGNMENT RESPONSE
RAB RELEASE REQUEST
IU RELEASE REQUEST
| $\quad \underset{\sim}{\text { RELOCATION REQUEST }}$ 3G_MSC-A)
| $\underset{\sim}{*}$ RELOCATION REQUEST ACKNOWLEDGE 3G_MSC-I)

* RELOCATION DETECT
* RELOCATION COMPLETE
* RELOCATION FAILURE
* RELOCATION CANCEL
* RELOCATION CANCEL ACKNOWLEDGE
\# CN INVOKE TRACE
SECURITY MODE COMMAND
SECURITY MODE COMPLETE
SECURITY MODE REJECT
LOCATION REPORTING CONTROL
LOCATION REPORT
DIRECT TRANSFER
ERROR INDICATION
CN DEACTIVATE TRACE
COMMON ID
LOCATION RELATED DATA REQUEST
LOCATION RELATED DATA RESPONSE
LOCATION RELATED DATA FAILURE

```
(3G_MSC-A -> 3G_MSC-I)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-A -> 3G_MSC-T and 3G_MSC-I ->
(3G_MSC-T -> 3G_MSC-A and 3G_MSC-A ->
(3G_MSC-T -> 3G_MSC-A)
(3G_MSC-T -> 3G_MSC-A)
(3G_MSC-T -> 3G_MSC-A and 3G_MSC-I ->
3G_MSC-A)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-A -> 3G_MSC-I)
(3G_MSC-A -> 3G_MSC-I)
(3G_MSC-A -> 3G_MSC-I)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-A -> 3G_MSC-I)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-A -> 3G_MSC-I and 3G_MSC-I -> 3G_MSC-A)
(3G_MSC-A -> 3G_MSC-I and 3G_MSC-I -> 3G_MSC-A)
(3G_MSC-A -> 3G_MSC-I)
(3G_MSC-A->3G_MSC-I)
(3G_MSC-A -> 3G_MSC-I)
(3G_MSC-I -> 3G_MSC-A)
(3G_MSC-I -> 3G_MSC-A)
```

All other RANAP messages shall be considered as non-existent on the E-interface.

Some of the messages above are qualified by * or \#. This indicates whether the message, when sent on the E-interface, is considered as:

- relocation related message (*); or
- trace related message (\#).

| CHANGE REQUEST |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \& | 29.108 CR | 010 | \& rev | 1 | $\mathscr{H}$ | Current version: | 5.1 .0 | $\mathscr{H}$ |

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Proposed change affects: UICC apps\& $\square$ ME $\square$ Radio Access Network $\square$ Core Network X

| Title: | H | Explicit indication of relocation related messages |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Source: | $\mathscr{H}$ | RAN |  |  |
| Work item code: \% |  | TEI4 | Date: $\%$ | 04/11/2002 |
| Category: | \% | A | Release: it Rel-5 |  |
|  |  | Use one of the following categories: $F$ (correction) | Use one of | the following releases: (GSM Phase 2) |
|  |  | $\boldsymbol{A}$ (corresponds to a correction in an earlier release)$\boldsymbol{B}$ (addition of feature), | ) $\quad 896$ | (Release 1996) |
|  |  |  | R97 | (Release 1997) |
|  |  | C (functional modification of feature) | $R 98$ | (Release 1998) |
|  |  | D (editorial modification)Detailed explanations of the above categories can | $R 99$ | (Release 1999) |
|  |  |  | Rel-4 | (Release 4) |
|  |  | be found in 3GPP TR 21.900. | Rel-5 Rel-6 | (Release 5) (Release 6 |



## Clauses affected: \& 6 <br> Other specs <br>  <br> Other core specifications \&f TS 29.108 Rel-4 CR009 affected: Test specifications O\&M Specifications

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