3GPP TSG CN Plenary Meeting #13 **NP-010457**
Beijing, China, 19th –21st September 2001

Source: TSG CN WG4

Title: CRs on Rel-4 Transcoder Free Operation

Agenda item: 8.6

Document for: APPROVAL

Introduction:

This document contains a CR on Rel-4 Work Item ”OoBTC”, that have been agreed by TSG CN WG4, and is forwarded to TSG CN Plenary meeting #13 for approval.

Spec	CR	Re	Doc-2nd-Level	Phase	Subject	Cat	Ver_C
23.153	026		N4-010863	Rel-4	Optional FRCI value Correction	F	4.2.0

3GPP TSG-CN-WG4 Meeting #09 **N4-010863**
Dresden, GERMANY, 9th - 13th July 2001

CR-Form-v4

CHANGE REQUEST

⌘ **23.153** **CR** **026** ⌘ rev **-** ⌘ 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 ⌘ symbols.*

Proposed change affects: ⌘ (U)SIM ☐ ME/UE ☐ Radio Access Network ☐ Core Network **X**

Title:	⌘	Optional FRCI value Correction		
Source:	⌘	CN4		
Work item code:	⌘	OoBTC	***Date:*** ⌘	3.7.2001
Category:	⌘	**F**	***Release:*** ⌘	Rel4

Use one of the following categories:
F *(correction)*
A *(corresponds to a correction in an earlier release)*
B *(Addition of feature),*
C *(Functional modification of feature)*
D *(Editorial modification)*
Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
REL-4	*(Release 4)*
REL-5	*(Release 5)*

Reason for change:	⌘	Contradicting statements in specification whether RFCI value correction is optional: Chapter 5.4.3 in 23.153 requires RFCI value correction to be a mandatory feature. Fig 6.1/3 in 23.153 and TS 29.232 say RFCI value correction is optional. This CR proposes to make RFCI value correction an optional feature for a MGW. It is irrelevant for other network entities whether the MGW performs an RFCI value correction or maps RFCI values. This can be left to the implementation.
Summary of change:	⌘	This CR proposes to make RFCI value correction an optional feature at a MGW.
Consequences if not approved:	⌘	TS 23.153 is self-contradicting and not in line with TS 29.232.

Clauses affected:	⌘			
Other specs affected:	⌘	☐ Other core specifications ☐ Test specifications ☐ O&M Specifications	⌘	
Other comments:	⌘			

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

1) Fill out the above form. The symbols above marked ⌘ contain pop-up help information about the field that they are closest to.

2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://www.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2000-09 contains the specifications resulting from the September 2000 TSG meetings.

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.

5.4.3 RFCI Value Correction

At the terminating end of a TrFO connection with Iu Framing initialised to the terminating MGW, the originating RFCI allocation is stored. The terminating RNC is then requested to perform a RAB Assignment towards the terminating MGW. This results in an Iu Framing initialisation, where the allocation of the RFCI values is independent from the Originating RNC's allocation. These values may then be different to the originating RNC's set.

The terminating MGW shall acknowledge the Iu Framing Initialisation and compare the RFCI values stored from the originating side. If the allocated index values do not match, then the MGW shall either:

- initiate an Iu Framing Initialisation PDU towards the terminating RNC with the RFCI allocation as defined by the preceding node (previously stored in the MGW. This behavior is shown in figure 5.4.3/1 and termed "RFCI value correction"). ~~This is shown in figure 5.4.3/1~~, or

- map the RFCI indices of the incoming side to the corresponding RFCI indices at the outgoing side for all SDUs passed between the Iu Framing protocol terminations.

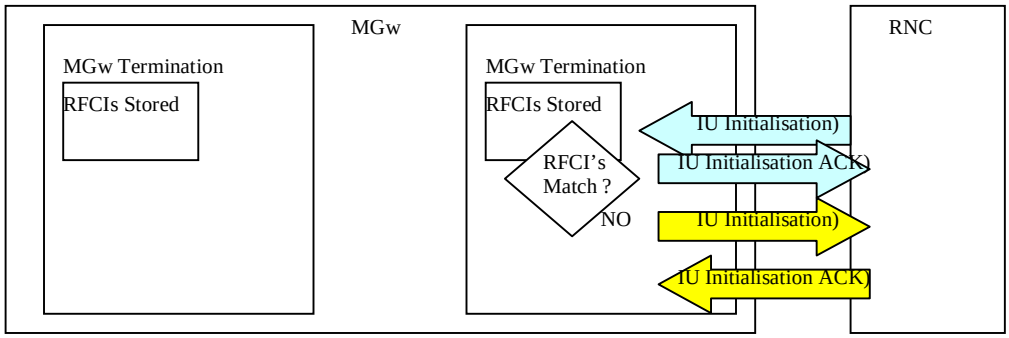

Figure 5.4.3/1:RFCI Value Correction

Further details of the TrFO call establishment are described in chapter 6.