CR-Form-v7.1

CHANGE REQUEST

| ⌘ | **33.102** CR **191** | ⌘**rev** | **-** | ⌘ | Current version: | **6.2.0** | ⌘ |

*For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.*

Proposed change affects: | UICC apps⌘ ☐ ME **X** Radio Access Network ☐ Core Network ☐

Title: ⌘	Support of algorithms in UEs	
Source: ⌘	Nokia	
Work item code:⌘	SEC1	***Date:*** ⌘ 15/11/2004

Category: ⌘	**C**	***Release:*** ⌘	Rel-6

Use <u>one</u> 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 <u>one</u> of the following releases:
   Ph2   *(GSM Phase 2)*
   R96   *(Release 1996)*
   R97   *(Release 1997)*
   R98   *(Release 1998)*
   R99   *(Release 1999)*
   Rel-4   *(Release 4)*
   Rel-5   *(Release 5)*
   Rel-6   *(Release 6)*
   Rel-7   *(Release 7)*

Reason for change: ⌘	It has been decided in SA3 the support of A5/2 in Rel-6 UE is optional. The change hasn't been reflected in the specification. There is also a need to specify clearly in the specification which algorithm it is mandatory to support in GERAN and UTRAN.
Summary of change:⌘	Specifiy which algorithm are mandatory to be supported and which are optional in GERAN and UTRAN
Consequences if not approved: ⌘	Reduced interoperability

Clauses affected: ⌘	New Annex is added

	Y	N	
Other specs affected: ⌘		X	Other core specifications ⌘
		X	Test specifications
		X	O&M Specifications

Other comments: ⌘	

********** START OF CHANGE **********

Annex G (normative): Support of algorithms in UEs

G.1 Support of algorithms in GERAN

It's mandatory for Rel-6 UEs to support A5/0, A5/1 and A5/3, and optional to support A5/2

G.2 Support of algorithms in UTRAN

It's mandatory for Rel-6 UEs to support UIA1, UEA0 and UEA1.

Annex H~~G~~ (informative): Change history

********** END OF CHANGE **********