3GPP TSG_CN   **Tdoc NP-000295**
Plenary Meeting #8, Dusseldorf, Germany
21st – 23rd June 2000.

Source: **TSG_N WG4**

Title: **CRs to 3G Work Item "IMEI Security"**

Agenda item: **6.3.4**

Document for: **APPROVAL**

Introduction:

This document contains **"5"** CRs on **Work Item "IMEI Security",** that have been agreed by **TSG_N WG4,** and are forwarded to **TSG_N Plenary** meeting #8 for approval.

TDoc	SPEC	CR	REV	PHAS	VERS	SUBJECT	CAT	NEW_VERS
N4-000342	03.03	A042	1	Ph2	4.10.0	Editorial Modification of section 6.2.2	D	4.11.0
N4-000343	03.03	A043	1	R96	5.3.0	Editorial Modification of section 6.2.2	D	5.4.0
N4-000344	03.03	A044	1	R97	6.5.0	Editorial Modification of section 6.2.2	D	6.6.0
N4-000345	03.03	A045	1	R98	7.4.0	Editorial Modification of section 6.2.2	D	7.5.0
N4-000346	23.003	021	1	R99	3.4.0	Editorial Modification of section 6.2.2	D	3.5.0

CHANGE REQUEST

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03.03 CR **A042r1**   Current Version: **4.10.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑   *↑ CR number as allocated by MCC support team*

For submission to: **CN#08**   For approval **X**   strategic **☐** *(for SMG*
list expected approval meeting # here ↑   for information **☐**   non-strategic **X** *use only)*

Form: CR cover sheet, version 2 for 3GPP and SMG   The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc

Proposed change affects: (U)SIM **☐**   ME **☐**   UTRAN / Radio **☐**   Core Network **X**
(at least one should be marked with an X)

Source:	N4	**Date:**	12.04.00

Subject:	Editorial Modification of section 6.2.2.

Work item:	IMEI Security

Category: F Correction   **Release:**   Phase 2   **X**
          A Corresponds to a correction in an earlier release   ☐   Release 96   ☐
(only one category   B Addition of feature   ☐   Release 97   ☐
shall be marked   C Functional modification of feature   ☐   Release 98   ☐
with an X)   D Editorial modification   **X**   Release 99   ☐
          Release 00   ☐

Reason for change:	Text on IMEI security was changed in the last CN-plenary, but the approved text is not clear enough.

Clauses affected:	Section 6.2.2

Other specs affected:

Other 3G core specifications	☐	→ List of CRs:
Other GSM core specifications	☐	→ List of CRs:
MS test specifications	☐	→ List of CRs:
BSS test specifications	☐	→ List of CRs:
O&M specifications	☐	→ List of CRs:

Other comments:	

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6.2.2 Composition of IMEISV

The International Mobile station Equipment Identity and Software Version Number (IMEISV) is composed as shown in figure 9.
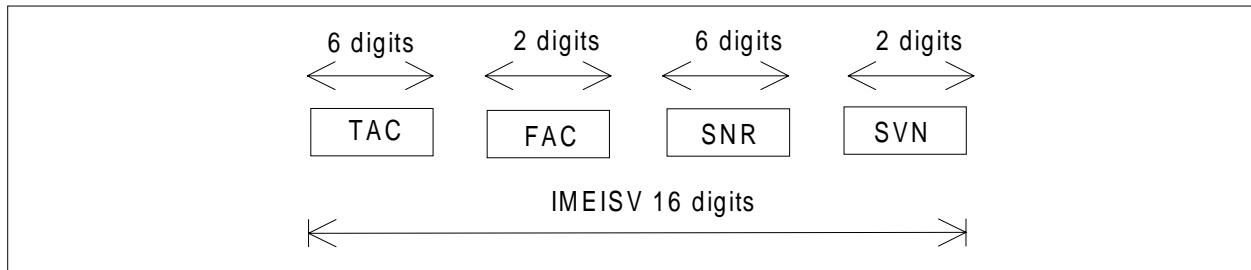

Figure 9: Structure of IMEISV

The IMEISV is composed of the following elements (each element shall consist of decimal digits only):

- Type Approval Code (TAC). Its length is 6 digits;

- Final Assembly Code (FAC) identifies the place of manufacture/final assembly. Its length is 2 digits;

- Serial Number (SNR) is an individual serial number uniquely identifying each equipment within each TAC and FAC. Its length is 6 digits.

- Software Version Number (SVN) identifies the software version number of the mobile equipment. Its length is 2 digits.

~~Regarding updates of the IMEISV: the TAC, FAC and SNR shall be protected against change after the ME's final production process; i.e. only the SVN part of the IMEISV can be modified (see TS GSM 02.16).~~

Regarding updates of the IMEISV: The security requirements of TS GSM 02.16 apply only to the TAC, FAC and SNR, but not to the SVN part of the IMEISV.

CHANGE REQUEST

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03.03 CR	**A043r1**	Current Version: **5.3.0**

GSM (AA.BB) or 3G (AA.BBB) specification number ↑   *↑ CR number as allocated by MCC support team*

For submission to:	CN#08	For approval	**X**	strategic		*(for SMG*
list expected approval meeting # here ↑		for information		non-strategic	**X**	*use only)*

Form: CR cover sheet, version 2 for 3GPP and SMG   The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc

Proposed change affects: (U)SIM ☐   ME ☐   UTRAN / Radio ☐   Core Network **X**
(at least one should be marked with an X)

Source:	N4		**Date:**	12.04.00

Subject:	Editorial Modification of section 6.2.2.

Work item:	IMEI Security

Category:	F	Correction		**Release:**	Phase 2	
	A	Corresponds to a correction in an earlier release			Release 96	**X**
(only one category	B	Addition of feature			Release 97	
shall be marked	C	Functional modification of feature			Release 98	
with an X)	D	Editorial modification	**X**		Release 99	
					Release 00	

Reason for change:	Text on IMEI security was changed in the last CN-plenary, but the approved text is not clear enough.

Clauses affected:	Section 6.2.2

Other specs affected:	Other 3G core specifications		→ List of CRs:	
	Other GSM core specifications		→ List of CRs:	
	MS test specifications		→ List of CRs:	
	BSS test specifications		→ List of CRs:	
	O&M specifications		→ List of CRs:	

Other comments:	

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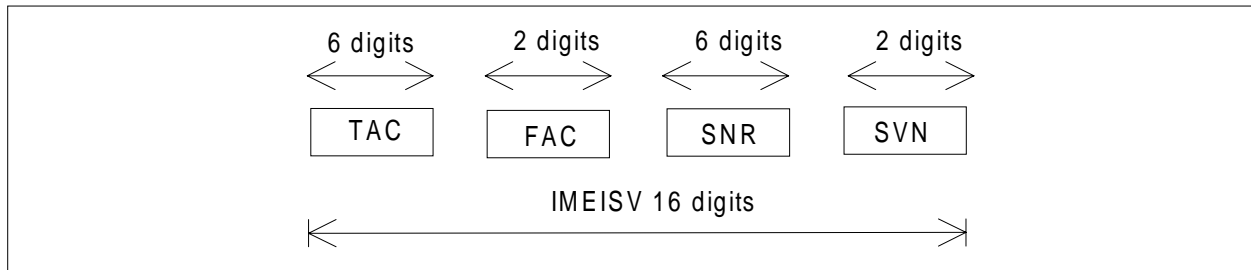

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CHANGE REQUEST

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03.03 CR **A044r1**	Current Version:	6.5.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑   *↑ CR number as allocated by MCC support team*

For submission to:	CN#08	For approval	X		strategic		*(for SMG*
list expected approval meeting # here ↑		for information			non-strategic	X	*use only)*

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Proposed change affects:	(U)SIM		ME		UTRAN / Radio		Core Network	X

(at least one should be marked with an X)

Source:	N4		**Date:**	12.04.00

Subject:	Editorial Modification of section 6.2.2.

Work item:	IMEI Security

Category:		F	Correction			**Release:**	Phase 2	
		A	Corresponds to a correction in an earlier release				Release 96	
(only one category		B	Addition of feature				Release 97	X
shall be marked		C	Functional modification of feature				Release 98	
with an X)		D	Editorial modification	X			Release 99	
							Release 00	

Reason for change:	Text on IMEI security was changed in the last CN-plenary, but the approved text is not clear enough.

Clauses affected:	Section 6.2.2

Other specs affected:	Other 3G core specifications		→ List of CRs:	
	Other GSM core specifications		→ List of CRs:	
	MS test specifications		→ List of CRs:	
	BSS test specifications		→ List of CRs:	
	O&M specifications		→ List of CRs:	

Other comments:	

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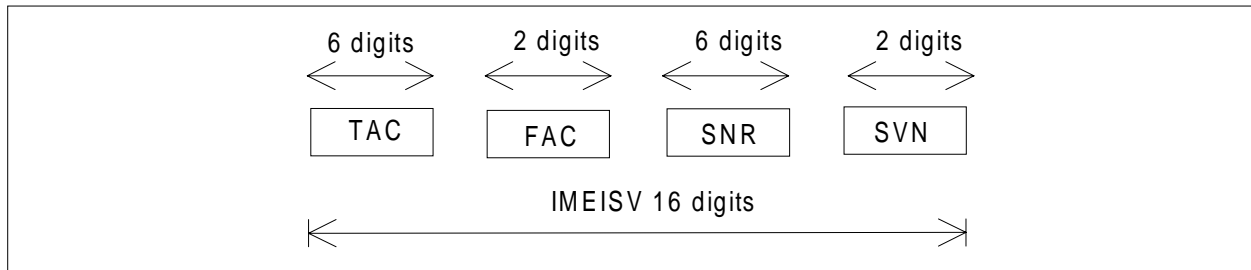

Figure 11: Structure of IMEISV

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CHANGE REQUEST

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| **03.03** | CR | **A045r1** | Current Version: | 7.4.0 |

GSM (AA.BB) or 3G (AA.BBB) specification number ↑

↑ CR number as allocated by MCC support team

| For submission to: | CN#08 | For approval | X | strategic | | *(for SMG* |
| *list expected approval meeting # here ↑* | | for information | | non-strategic | X | *use only)* |

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Proposed change affects: (U)SIM [ ]   ME [ ]   UTRAN / Radio [ ]   Core Network [X]
(at least one should be marked with an X)

| **Source:** | N4 | | **Date:** | 12.04.00 |

| **Subject:** | Editorial Modification of section 6.2.2. |

| **Work item:** | IMEI Security |

Category: F   Correction
                  A   Corresponds to a correction in an earlier release
(only one category   B   Addition of feature
shall be marked   C   Functional modification of feature
with an X)   D   Editorial modification   **X**

Release: Phase 2   [ ]
              Release 96   [ ]
              Release 97   [ ]
              Release 98   **X**
              Release 99   [ ]
              Release 00

| **Reason for change:** | Text on IMEI security was changed in the last CN-plenary, but the approved text is not clear enough. |

| **Clauses affected:** | Section 6.2.2 |

Other specs affected:

Other 3G core specifications	[ ]	→ List of CRs:	
Other GSM core specifications	[ ]	→ List of CRs:	
MS test specifications	[ ]	→ List of CRs:	
BSS test specifications	[ ]	→ List of CRs:	
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| **Other comments:** | |

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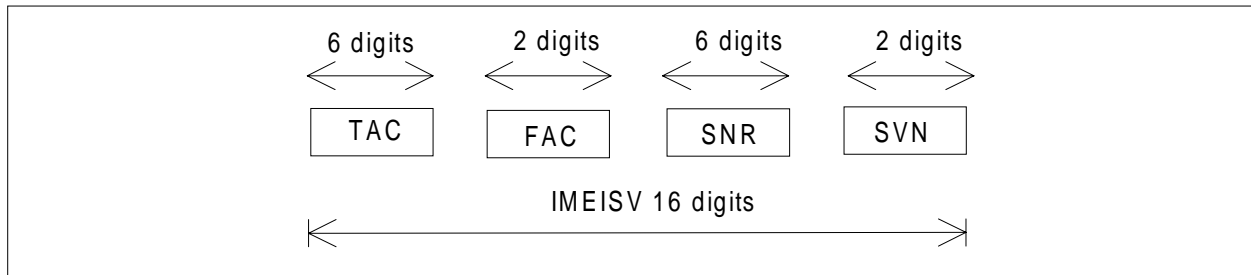

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CHANGE REQUEST

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23.003	**CR**	**021r1**		Current Version:	3.4.0

GSM (AA.BB) or 3G (AA.BBB) specification number ↑   *↑ CR number as allocated by MCC support team*

For submission to:	CN#08	For approval	**X**	strategic		*(for SMG*
list expected approval meeting # here ↑		for information		non-strategic	**X**	*use only)*

Form: CR cover sheet, version 2 for 3GPP and SMG   The latest version of this form is available from: ftp://ftp.3gpp.org/Information/CR-Form-v2.doc

Proposed change affects: (U)SIM ☐ ME ☐ UTRAN / Radio ☐ Core Network **X**
(at least one should be marked with an X)

Source:	N4	**Date:**	12.04.00

Subject:	Editorial Modification of section 6.2.2.

Work item:	IMEI Security

Category:	F	Correction		**Release:** Phase 2	
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(only one category	B	Addition of feature		Release 97	
shall be marked	C	Functional modification of feature		Release 98	
with an X)	D	Editorial modification	**X**	Release 99	**X**
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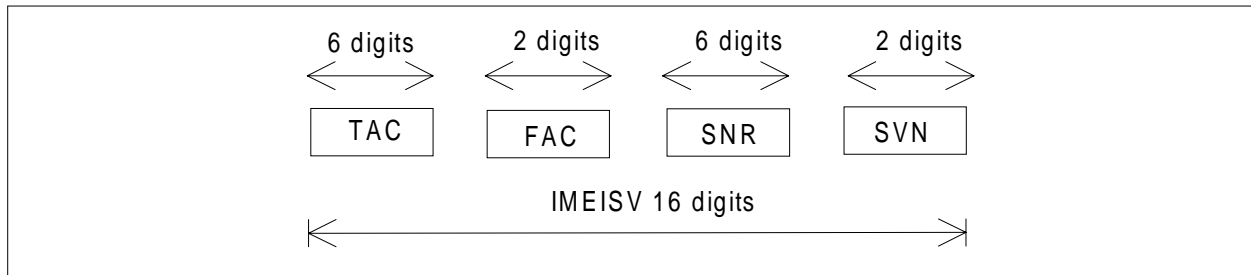

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Regarding updates of the IMEISV: The security requirements of 3G TS GSM 22.016 apply only to the TAC, FAC and SNR, but not to the SVN part of the IMEISV.