### 3GPP TSG CN Plenary Meeting #14 Kyoto, JAPAN, 12<sup>th –</sup>14<sup>th</sup> December 2001

Source:	TSG CN WG4
Title:	CRs on R98 Location Service Enhancements
Agenda item:	7.16
Document for:	APPROVAL

#### Introduction:

This document contains 6 CRs on R98 Work Item "LCS", that have been agreed by TSG CN WG4, and are forwarded to TSG CN Plenary meeting #14 for approval.

Spec	CR	Rev	Doc-2nd-Level	Phase	Subject	Cat	Ver_C
09.02	A320		N4-011029	R98	Clarification on LCS parameters in MAP	F	7.9.0
29.002	312		N4-011030	R99	Clarification on LCS parameters in MAP	А	3.10.0
29.002	313		N4-011031	Rel-4	Clarification on LCS parameters in MAP	Α	4.5.0
04.30	A003		N4-011098	R98	Specify usage of SS Version Indicator	F	7.2.0
24.030	008		N4-011099	R99	Specify usage of SS Version Indicator	Α	3.2.0
24.030	009		N4-011100	Rel-4	Specify usage of SS Version Indicator	A	4.1.0

## 3GPP TSG-CN-WG4 Meeting #10 Brighton, UK, 15<sup>th</sup> - 19<sup>th</sup> October 2001

# N4-011098

	CHANGE REQUEST	m-v4							
ж	<b>04.30 CR A003 #</b> rev _ <b>#</b> Current version: <b>7.2.0 #</b>								
For <b>HELP</b> on using this form, see bottom of this page or look at the pop-up text over the <b>#</b> symbols.									
Proposed change	ffects: ¥ (U)SIM ME/UE X Radio Access Network Core Network	X							
Title: #	Specify usage of SS Version Indicator								
Source: अ	CN4								
Work item code: %	LCS Date: # 14/9/2001								
Category: Ж	F (Essential) Release: % R98								
Reason for change	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) D (Editorial modification) Subscriber_Location_Report which belongs to the application context locationSvcEnquiryContext which is version 3 only. This implies that SS Version indicator 1, indicating SS version 3 or higher, sho be sent by the MS/UE in order to allow the MSC selecting the appropriate Application Context. Indeed quoting from 04.10 section 5.5.1.2.2: "The relevant stage 3 specification for each service shall state if the operation The SS version indicator is used within the network to define the MAP Application Context used for a specific operation (see GSM 09.02)." and again in section 5.5.4.1: "The MSC shall operate and set up contexts according to the version indicator by the MS wherever possible. If the MS signals a higher version than the MSC/VLR is capable of supporting, the MSC/VLR shall attempt to support service at the highest version which is supported. If this is not possible then communication is rejected."	ould on ns.							
	So if MS signals SS Version 2 then MSC/VLR cannot select AC version 3 for t corresponding MAP operation.	he							
Summary of chang	e: # Add the statement that SS Version Indicator 1 shall be used								
Consequences if not approved:	# A lower SS Version Indicator will forbid the MSC to select AC version 3 causin failure of the procedure.	g a							

Clauses affected:	<b>೫</b> 5.1.1
Other specs affected:	%       Other core specifications       %         Test specifications       0&M Specifications
Other comments:	¥

- 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 <u>ftp://www.3gpp.org/specs/</u> 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.

#### \*\*\*\* FIRST MODIFIED SECTION \*\*\*\*

# 5 Mobile initiated location services operations

### 5.1 Mobile Originated Location Request (MO-LR)

#### 5.1.1 Normal operation

The MS invokes a MO-LR by sending a REGISTER message to the network containing a LCS-MOLR invoke component. <u>SS Version Indicator value 1 or above shall be used.</u>

The receiving network entity shall initiate the handling of location request in the network. The network shall pass the result of the location procedure to the MS by sending a FACILITY message to the MS containing a LCS-MOLR return result component.

#### .... Text removed for clarity

#### \*\*\*\* END OF MODIFICATIONS \*\*\*\*

#### N4-011029

		СНАМ		UEST		CF	R-Form-v4
ж	09.02	CR <sup>A320</sup>	ж rev	<b>-</b> *	Current vers	<sup>ion:</sup> 7.9.0 <sup>\$</sup>	e
For <u>HELP</u> on us	sing this fo	rm, see bottom	of this page o	r look at the	e pop-up text	over the X symb	ols.
Proposed change a	affects: ೫	(U)SIM	ME/UE	Radio Aco	cess Network	Core Netw	/ork <mark>x</mark>
Title: ដ	Clarificat	ion on LCS para	meters in MA	P			
Source: ೫	CN4						
Work item code: ℜ	LCS				<i>Date:</i>	26.09.01	
Category: ೫	F by co	nsensus			Release: ೫	R98	
	F (con A (co B (Ao C (Fu D (Eo Detailed ex	the following cate rrection) rresponds to a col Idition of feature), nctional modificat itorial modification planations of the 3GPP TR 21.900	rrection in an ea ion of feature) n) above categorie		2 R96 R97 R98 R99 REL-4	the following releas (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5)	ses:
Reason for change	: ೫ <mark>Tor</mark>	emove ambiguit	y in ASN.1 co	mments an	<mark>d to align wit</mark>	h stage 2	
Summary of chang	e: # Clar	ify use of param	eters in LCS-I	PrivacyClas	ss and Exterr	alClient	
Consequences if not approved:	# Amb	biguity in the AS	N.1 comments	may lead	to incompatik	ole implementatio	ons
Clauses affected:	೫ <mark>17.7</mark>	.1					
Other specs affected:	Т	other core specif est specification &M Specificatio	S	6			
Other comments:	Ħ						

#### How to create CRs using this form:

- 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 <u>ftp://www.3gpp.org/specs/</u> 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.

# 17.7.1 Mobile Service data types

. . . . . .

LCS-PrivacyClass ::= SEQUENCE {		
ss-Code	SS-Code,	
ss-Status	Ext-SS-Status,	
notificationToMSUser	[0] NotificationToMSUser	OPTIONAL,
notificationToMSUser is expect	ed only for	
SS-code = callunrelated or SS-c	ode = callrelated	
notificationToMSUser may be sen	t only for SS-codes callrelated	
and callunrelated. If not recei	ved for SS-codes callrelated and	callunrelated,
the default values according to	GSM 03.71 shall be assumed.	
externalClientList	[1] ExternalClientList	OPTIONAL,
externalClientList is expected	only for SS-code = callunrelated	
externalClientList may be sent	only for SS-code callunrelated.	
plmnClientList	[2] PLMNClientList	OPTIONAL,
	for SS code = plmn operator	
plmnClientList may be sent only	for SS-code plmnoperator.	
extensionContainer	[3] ExtensionContainer	OPTIONAL,
if segmentation is used, the co	mplete LCS-PrivacyClass shall be	sent in one segment
}		

ExternalClientList ::= SEQUENCE SIZE (0..maxNumOfExternalClient) OF ExternalClient

maxNumOfExternalClient INTEGER ::= 5

**PLMNClientList** ::= SEQUENCE SIZE (1..maxNumOfPLMNClient) OF LCSClientInternalID

**maxNumOfPLMNClient** INTEGER ::= 5

ExternalClient ::= SEQUENCE {		
clientIdentity	LCSClientExternalID,	
gmlc-Restriction	[0] GMLC-Restriction	OPTIONAL,
notificationToMSUser	[1] NotificationToMSUser	OPTIONAL,
If notificationToMSUser is not	received, the default value acc	ording to
GSM 03.71 shall be assumed.		
extensionContainer	[2] ExtensionContainer	OPTIONAL,
}		

. . . . . .

## 3GPP TSG-CN-WG4 Meeting #10 Brighton, UK, 15<sup>th</sup> - 19<sup>th</sup> October 2001

# N4-011099

CR-Form-v4									
ж	<b>24.030</b> CR 008 * rev _ * Current version: 3.2.0 *								
For <b>HELP</b> on using this form, see bottom of this page or look at the pop-up text over the <b>#</b> symbols.									
Proposed change a	affects: # (U)SIM ME/UE X Radio Access Network Core Network X								
Title: ೫	Specify usage of SS Version Indicator								
Source: ೫	CN4								
Work item code: #	LCS Date: # 14/9/2001								
Category: ೫	A Release: # R99								
	Use one of the following categories:Use one of the following releases:F (correction)2A (corresponds to a correction in an earlier release)R96B (Addition of feature),R97C (Functional modification of feature)R98D (Editorial modification)R99D tetailed explanations of the above categories canREL-4be found in 3GPP TR 21.900.REL-5								
Reason for change	: # The MO-LR operation may result in triggering the MAP Operation								
Reason for change	<ul> <li>The MO-LK operation may result in higgening the MAP location Subscriber_Location_Report which belongs to the application context locationSvcEnquiryContext which is version 3 only. This implies that SS Version indicator 1, indicating SS version 3 or higher, should be sent by the MS/UE in order to allow the MSC selecting the appropriate Application Context.</li> <li>Indeed quoting from 24.010 section 5.5.1.2.2:</li> <li>"The relevant stage 3 specification for each service shall state if the operation requires the use of SS version indicator 3 or higher for MS initiated operations. The SS version indicator is used within the network to define the MAP Application Context used for a specific operation (see GSM 09.02)."</li> <li>and again in section 5.5.4.1:</li> <li>"The MSC shall operate and set up contexts according to the version indicated by the MS wherever possible. If the MS signals a higher version than the MSC/VLR is capable of supporting, the MSC/VLR shall attempt to support service at the highest version which is supported. If this is not possible then the communication is rejected."</li> <li>So if MS signals SS Version 2 then MSC/VLR cannot select AC version 3 for the corresponding MAP operation.</li> </ul>								
Summary of chang	e: # Add the statement that SS Version Indicator 1 shall be used								
Consequences if	# A lower SS Version Indicator will forbid the MSC to select AC version 3 causing a								

not approved:	failure of the procedure.
Clauses affected:	೫ <mark>5.1.1</mark>
Other specs affected:	Conter core specifications       #         Test specifications       #         O&M Specifications       *
Other comments:	¥

- 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 <u>ftp://www.3gpp.org/specs/</u> 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.

#### \*\*\*\* FIRST MODIFIED SECTION \*\*\*\*

# 5 Mobile initiated location services operations

## 5.1 Mobile Originated Location Request (MO-LR)

#### 5.1.1 Normal operation

The MS invokes a MO-LR by sending a REGISTER message to the network containing a LCS-MOLR invoke component. In UMTS, the gpsAssistanceData and deCipheringKeys shall not be used as values of molr-Type parameter. <u>SS Version Indicator value 1 or above shall be used.</u>

The receiving network entity shall initiate the handling of location request in the network. The network shall pass the result of the location procedure to the MS by sending a FACILITY message to the MS containing a LCS-MOLR return result component.

.... Text removed for clarity

#### \*\*\*\* END OF MODIFICATIONS \*\*\*\*

## 3GPP TSG-CN-WG4 Meeting #10 Brighton, UK, 15<sup>th</sup> - 19<sup>th</sup> October 2001

# N4-011100

	CHANGE REQUEST									CR-Form-v4
ж	24.	<mark>030</mark>	CR <mark>009</mark>	ж	rev _	ж	Current vers	sion:	4.1.0	Ħ
For <b>HELP</b> on using this form, see bottom of this page or look at the pop-up text over the <b>#</b> symbols.										
Proposed change a	affect	s: #	(U)SIM	ME/UE	X Ra	idio Ad	ccess Networ	k	Core Ne	etwork X
Title: #	Spe	cify us	age of SS Ve	rsion Indica	ator					
Source: ೫	CN4	1								
Work item code: %	LCS	3					Date: #	14/9/	/2001	
Category: ೫	Α						Release: #	REL	-4	
	l l l Detail	F (corre A (corr B (Add C (Fun D (Edit led exp	he following car ection) responds to a co lition of feature) ctional modification lonations of the 3GPP TR 21.90	orrection in a , ation of featu on) e above cate	ıre)		Use <u>one</u> or 2 e) R96 R97 R98 R99 REL-4 REL-5	(GSM) (Relea (Relea (Relea	Phase 2) se 1996) se 1997) se 1998) se 1999) se 4)	eases:
	. 00	The						n e retie		
Reason for change	<u>э:</u> ж	Subso locati This i be se Applie	MO-LR operat criber_Locatic onSvcEnquiry implies that S ont by the MS/ cation Contex	on_Report v Context wl S Version in UE in orde t.	which be nich is vo ndicator r to allov	elongs ersion 1, indi v the N	to the applica 3 only. icating SS ve /ISC selecting	ation co rsion 3	ontext or highe	
			e relevant sta uires the use							
			e SS version in Itext used for					fine the	e MAP Ap	plication
		and a	again in sectio	n 5.5.4.1:						
		the cap higł	e MSC shall op MS wherever able of suppor hest version wl ejected."	possible. If ting, the M:	the MS SC/VLR s	signal shall at	s a higher ver ttempt to sup	sion tha port ser	in the MS vice at t	5C/VLR is he
			MS signals S sponding MAI			SC/VL	.R cannot sel	ect AC	version	3 for the
Summary of chang	<b>je:</b>	Add t	he statement	that SS Ve	rsion Inc	dicator	1 shall be us	sed for	MO-LR	
Consequences if	ж	A low	ver SS Versior	n Indicator	will forbi	d the N	MSC to selec	t AC ve	rsion 3 d	causing a

not approved:	failure of the procedure.
Clauses affected:	೫ <mark>5.1.1</mark>
Other specs affected:	%       Other core specifications       %         Test specifications       0&M Specifications
Other comments:	¥

- 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 <u>ftp://www.3gpp.org/specs/</u> 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.

#### \*\*\*\* FIRST MODIFIED SECTION \*\*\*\*

# 5 Mobile initiated location services operations

### 5.1 Mobile Originated Location Request (MO-LR)

#### 5.1.1 Normal operation

The MS invokes a MO-LR by sending a REGISTER message to the network containing a LCS-MOLR invoke component. In UMTS, the gpsAssistanceData and deCipheringKeys shall not be used as values of molr-Type parameter. <u>SS Version Indicator value 1 or above shall be used.</u>

The receiving network entity shall initiate the handling of location request in the network. The network shall pass the result of the location procedure to the MS by sending a FACILITY message to the MS containing a LCS-MOLR return result component.

.... Text removed for clarity

\*\*\*\* END OF MODIFICATIONS \*\*\*\*

#### N4-011030

						CR-Form-v4				
CHANGE REQUEST										
ж	<b>29.002</b>	CR 312	ж rev	<b>-</b> *	Current vers	<sup>ion:</sup> 3.10.0 <sup>¥</sup>				
For <u>HELP</u> on us	ing this for	n, see bottom	of this page or	<sup>r</sup> look at th	e pop-up text	over the X symbols.				
Proposed change a	Proposed change affects: # (U)SIM ME/UE Radio Access Network Core Network x									
Title: ೫	Clarificatio	on on LCS para	meters in MA	Р						
Source: ೫	CN4									
Work item code: ℜ	LCS				Date:	26.09.01				
Category: ೫	Α				Release: ೫	R99				
	F (corr A (corr B (Ada C (Fun D (Edit Detailed exp	he following cate ection) esponds to a col lition of feature), ctional modification orial modification lanations of the a 3GPP TR 21.900	rrection in an ea ion of feature) 1) above categorie		2 R96 R97 R98 R99 R99 REL-4	the following releases: (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5)				
Reason for change:	: ж <mark>То ге</mark>	move ambiguit	y in ASN.1 co	mments ar	nd to align wit	h stage 2				
Summary of change	e: ೫ Clarif	y use of param	eters in LCS-I	PrivacyCla	ss and Extern	nalClient				
Consequences if not approved:	¥ Ambi	guity in the AS	N.1 comments	s may lead	to incompatik	ble implementations				
<u> </u>	00 477	4								
Clauses affected:	<mark>ដ 17.7.</mark>	1								
Other specs affected:	Te	her core specif st specification &M Specificatio	S	ß						
Other comments:	ж									

#### How to create CRs using this form:

- 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 <u>ftp://www.3gpp.org/specs/</u> 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.

# 17.7.1 Mobile Service data types

. . . . . .

TCC	-PrivacyClass ::= SEQUENCE {		
PC2-	-		
	ss-Code	SS-Code,	
	ss-Status	Ext-SS-Status,	
	notificationToMSUser	[0] NotificationToMSUser	OPTIONAL,
	notificationToMSUser is expected	l only for	
	SS-code = callunrelated or SS-cod	<del>le = callrelated</del>	
	notificationToMSUser may be sent	only for SS-codes callrelated	
	and callunrelated. If not receive	ed for SS-codes callrelated and cal	llunrelated,
	the default values according to G	GSM 03.71 and 3G TS 23.171 shall be	e assumed.
	externalClientList	<pre>[1] ExternalClientList</pre>	OPTIONAL,
	externalClientList is expected or	nly for SS-code = callunrelated	
	externalClientList may be sent or	nly for SS-code callunrelated.	
	plmnClientList	[2] PLMNClientList	OPTIONAL,
	plmnClientList is expected only f	<del>or SS-code = plmn operator</del>	
	plmnClientList may be sent only f	for SS-code plmnoperator.	
	extensionContainer	[3] ExtensionContainer	OPTIONAL,
	if segmentation is used, the comp}	olete LCS-PrivacyClass shall be ser	nt in one segment

ExternalClientList ::= SEQUENCE SIZE (0..maxNumOfExternalClient) OF ExternalClient

**maxNumOfExternalClient** INTEGER ::= 5

PLMNClientList ::= SEQUENCE SIZE (1..maxNumOfPLMNClient) OF LCSClientInternalID

**maxNumOfPLMNClient** INTEGER ::= 5

ExternalClient ::= SEQUENCE {		
clientIdentity	LCSClientExternalID,	
gmlc-Restriction	[0] GMLC-Restriction	OPTIONAL,
notificationToMSUser	[1] NotificationToMSUser	OPTIONAL,
If notificationToMSUser is	s not received, the default value acc	ording to
GSM 03.71 and 3G TS 23.17	l shall be assumed.	
extensionContainer	[2] ExtensionContainer	OPTIONAL,
}		

. . . . . .

CHANGE REQUEST							
ж	29.00	2 CR 313	ж rev	<b>-</b> #	Current vers	<sup>ion:</sup> 4.5.0	ж
For <u>HELP</u> on us	sing this i	form, see bottom	of this page or	<sup>r</sup> look at th	e pop-up text	over the # sy	mbols.
Proposed change a	affects:	₩ (U)SIM	ME/UE	Radio Ad	ccess Network	k Core N	etwork x
Title: ೫	Clarifica	ation on LCS para	ameters in MA	Р			
Source: #	CN4						
Work item code: #	LCS1				Date: ೫	26.09.01	
Category: ೫	Α				Release: ೫	Rel-4	
	<i>F</i> ( <i>c</i> <i>A</i> ( <i>c</i> <i>B</i> ( <i>A</i> <i>C</i> ( <i>F</i> <i>D</i> ( <i>E</i> Detailed e	of the following cate orrection) orresponds to a co addition of feature), functional modifica Editorial modificatio explanations of the in 3GPP TR 21.900	prrection in an ea tion of feature) n) above categorie		2 R96 R97 R98 R99 REL-4	the following re (GSM Phase 2 (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5)	) ) )
Reason for change: # To remove ambiguity in ASN.1 comments and to align with stage 2							
Summary of chang				-			
Consequences if not approved:	ж An	nbiguity in the AS	SN.1 comments	s may lead	I to incompatit	ble implement	ations
Clauses affected:	<mark>೫ 17</mark>	.7.1					
Other specs affected:		Other core speci Test specificatior O&M Specification	าร	ß			
Other comments:	ж						

- 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 <u>ftp://www.3gpp.org/specs/</u> 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.

# 17.7.1 Mobile Service data types

. . . . . .

LCS-PrivacyClass ::= SEQUENC	יםי ∫	
ss-Code	SS-Code,	
ss-Status	Ext-SS-Status,	
notificationToMSUser	[0] NotificationToMSUser	OPTIONAL.
notificationToMSUser		of fional,
	d or SS-code = callrelated	
	ay be sent only for SS-codes callrelated	
	not received for SS-codes callrelated and	callunrelated.
	ording to 3G TS 23.271 shall be assumed.	<u>oarrann orabba</u>
externalClientList		OPTIONAL,
	ext-externalClientList are expected only	-
	d or SS code = callrelated	
	be sent only for SS-code callunrelated to	a
	not support LCS Release 4 or later version	
	be sent only for SS-codes callunrelated a	
	ed node that supports LCS Release 4 or lat	
plmnClientList	[2] PLMNClientList	OPTIONAL,
-	ected only for SS code = plmn operator	or reoming,
	sent only for SS-code plmnoperator.	
extensionContainer	[3] ExtensionContainer	OPTIONAL,
excensionconcarner	[5] Extensioncontainer	OI I IONAL,
ext-externalClientList	[4] Ext-ExternalClientList OP1	TTONAL.
	- may be sent only if <del>is present when</del> the v	
LCS	<u>and be bene only in</u> to presente when the v	ibicca noac pappoicb
Release 4 or		
	er did specify <del>ies</del> more than 5 clients,	
and White Book SCCP is		
	used.	
if segmentation is use	d, the complete LCS-PrivacyClass shall be	sent in one segment
}		
ExternalClientList ::= SEQUENC	CE SIZE (0maxNumOfExternalClient) OF	
	ExternalClient	
maxNumOfExternalClient INTEGE	ER ::= 5	
MUCLICATINE SECUENCE SI	IZE (1maxNumOfPLMNClient) OF	
FIMACITERICITSC ··- SEQUENCE SI	LCSClientInternalID	
	heserrenternarib	
maxNumOfPLMNClient INTEGER ::	:= 5	
	NUENCE CICE (1 monNumOfErst EsternelClient)	0.1
EXC-EXTERNALCHIENTLIST ::= SEQ	QUENCE SIZE (1maxNumOfExt-ExternalClient) ExternalClient	OF
	Externatellent	
maxNumOfExt-ExternalClient IN	NTEGER ::= 35	
ExternalClient ::= SEQUENCE {		
clientIdentity	LCSClientExternalID,	
gmlc-Restriction	[0] GMLC-Restriction	OPTIONAL,
notificationToMSUser	<pre>[1] NotificationToMSUser</pre>	OPTIONAL,
	r is not received, the default value accord	ding to
3G TS 23.271 shall be	assumed.	

-- 3G TS 23.271 shall be assumed. extensionContainer [2] ExtensionContainer OPTIONAL, ... }

. . . . . .