
Source: SA5 (Telecom Management)

Title: 4 Rel-4/5 CRs 32.205/32.215 (CS/PS Charging): "Corrections on parameter Destination Number"

Document for: Approval

Agenda Item: 7.5.3

Doc-1st-	Spec	CR	R	Phase	Subject	Cat	Version	Doc-2nd-	Workitem
SP-020734	32.205	006	-	Rel-4	Corrections on parameter Destination Number	F	4.2.0	S5-024137	OAM-CH
SP-020734	32.205	007	-	Rel-5	Corrections on parameter Destination Number	A	5.1.0	S5-024138	OAM-CH
SP-020734	32.215	017	-	Rel-4	Corrections on parameter Destination Number	F	4.3.0	S5-024139	OAM-CH
SP-020734	32.215	018	-	Rel-5	Corrections on parameter Destination Number	A	5.1.0	S5-024140	OAM-CH

3GPP TSG-SA5 (Telecom Management)
Meeting #28, Sophia Antipolis, FRANCE, 20 - 24 May 2002

S5-024137

CR-Form-v5
CHANGE REQUEST
⌘ 32.205 CR 006 ⌘ 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

Title:	⌘ Corrections on parameter Destination Number
Source:	⌘ SA5
Work item code:	⌘ OAM-CH Date: ⌘ 17/05/2002
Category:	⌘ F Release: ⌘ REL-4 <i>Use one of the following categories:</i> 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 .
	<i>Use one of the following releases:</i> 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:	⌘ The existing definition of the SMS "destinationSubscriberNumber" is defined in the accounting standards refer to TS 24.008. This address does not allow to use any Service Centre specific numbers which corresponds to the (TP-DA) TP Destination address defined in 3GPP 23.040.
Summary of change:	⌘ The Destination Address parameter definition is changed to indicate that the SMS-destination address will match the 3GPP 23.040 (TP-DA) TP-Destination Address by introduction of a new ASN.1 reference. The TP-DA contains additional values for the TON (Type of Number) and Numbering Plan Identification for SMS.
Consequences if not approved:	⌘ Objection against the SMS data definition standard and lost of CDRs in the Billing system due to missing identification.

Clauses affected:	⌘ 6
Other specs Affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input checked="" type="checkbox"/> O&M Specifications REL-5 TS 32.205, REL-4/5 32.215
Other comments:	⌘ Mirror CR for REL-5 32.205CR007. Correspondent CRs are proposed for the PS domain in TS 32.215 for REL-4/5.

6 Charging Data Record Structure

6.1 ASN.1 definitions for CDR information

Within the current 3GPP TS 32-series of specifications the ASN.1 definitions are based on ITU-T Recommendation X.208 [8] which has been superseded by ITU-T Recommendation X.680. This newer version not only includes new features but also removes some that were present in ITU-T Recommendation X.208. It was agreed that where possible, the GPRS work would be based on those ASN.1 features that were common to both. However, where necessary, the new features in ITU-T Recommendation X.680 [7] be used in some places. ITU-T Recommendation X.208 [8] feature that are no longer in ITU-T Recommendation X.680 [7] will not be used.

```
TS32205-DataTypes {itu-t (0) identified-organization (4) etsi(0) mobileDomain (0) umts-Operation-
Maintenance (3) ts-32-205 (205) informationModel (0) asnlModule (2) version1 (1)}
```

```
DEFINITIONS IMPLICIT TAGS ::=
```

```
BEGIN
```

```
-- EXPORTS everything
```

```
IMPORTS
```

```
<...unmodified text...>
```

```
-----
```

```
--
```

```
-- CALL AND EVENT RECORDS
```

```
--
```

```
-----
```

```
<...unmodified text...>
```

```
MOSMSRecord ::= SET
```

```
{
  recordType           [0] CallEventRecordType,
  servedIMSI           [1] IMSI,
  servedIMEI           [2] IMEI OPTIONAL,
  servedMSISDN         [3] MSISDN OPTIONAL,
  msClassmark          [4] Classmark,
  serviceCentre        [5] AddressString,
  recordingEntity      [6] RecordingEntity,
  location              [7] LocationAreaAndCell OPTIONAL,
  messageReference     [8] MessageReference,
  originationTime      [9] TimeStamp,
  smsResult            [10] SMSResult OPTIONAL,
  recordExtensions     [11] ManagementExtensions OPTIONAL,
  destinationNumber    [12] SmsTpDestinationNumberCalledNumber OPTIONAL,
  CAMELSMSInformation [13] CAMELSMSInformation OPTIONAL,
  systemType           [14] SystemType OPTIONAL
}
```

```
<...unmodified text...>
```

```
CAMELSMSInformation ::= SET
```

```
{
  gsm-SCFAddress       [1] Gsm-SCFAddress OPTIONAL,
  serviceKey           [2] ServiceKey OPTIONAL,
  defaultSMSHandling   [3] DefaultSMS-Handling OPTIONAL,
  freeFormatData       [4] FreeFormatData OPTIONAL,
  callingPartyNumber   [5] CallingNumber OPTIONAL,
  destinationSubscriberNumber [6] SmsTpDestinationNumberCalledNumber OPTIONAL,
  CAMELSMSCAddress     [7] AddressString OPTIONAL,
  smsReferenceNumber   [8] CallReferenceNumber OPTIONAL
}
```

```
<...unmodified text...>
```

```
SmsTpDestinationNumber ::= OCTET STRING  
-- This type contains the binary coded decimal representation of  
-- the SMS address field the encoding of the octet string is in  
-- accordance with the definition of address fields in TS 23.040.  
-- This encoding includes type of number and numbering plan indication  
-- together with the address value range.
```

3GPP TSG-SA5 (Telecom Management)
Meeting #28, Sophia Antipolis, FRANCE, 20 - 24 May 2002

S5-024138

CR-Form-v5
CHANGE REQUEST
⌘ 32.205 CR 007 ⌘ rev - ⌘ Current version: 5.1.0 ⌘

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

Title:	⌘ Corrections on parameter Destination Number		
Source:	⌘ SA5		
Work item code:	⌘ OAM-CH	Date:	⌘ 17/05/2002
Category:	⌘ A	Release:	⌘ REL-5
	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: 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:	⌘ The existing definition of the SMS "destinationSubscriberNumber" is defined in the accounting standards refer to TS 24.008. This address does not allow to use any Service Centre specific numbers which corresponds to the (TP-DA) TP Destination address defined in 3GPP 23.040.
Summary of change:	⌘ The Destination Address parameter definition is changed to indicate that the SMS-destination address will match the 3GPP 23.040 (TP-DA) TP-Destination Address by introduction of a new ASN.1 reference. The TP-DA contains additional values for the TON (Type of Number) and Numbering Plan Identification for SMS.
Consequences if not approved:	⌘ Objection against the SMS data definition standard and lost of CDRs in the Billing system due to missing identification.

Clauses affected:	⌘ 6
Other specs Affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input checked="" type="checkbox"/> O&M Specifications REL-4 32.205, REL-4/5 32.215
Other comments:	⌘ Mirror CR of REL-4 32.205CR006. Correspondent CRs are proposed for the PS domain in TS 32.215 for REL-4/5.

6 Charging Data Record Structure

6.1 ASN.1 definitions for CDR information

Within the current 3GPP TS 32-series of specifications the ASN.1 definitions are based on ITU-T Recommendation X.208 [8] which has been superseded by ITU-T Recommendation X.680. This newer version not only includes new features but also removes some that were present in ITU-T Recommendation X.208. It was agreed that where possible, the GPRS work would be based on those ASN.1 features that were common to both. However, where necessary, the new features in ITU-T Recommendation X.680 [7] be used in some places. ITU-T Recommendation X.208 [8] feature that are no longer in ITU-T Recommendation X.680 [7] will not be used.

```
TS32205-DataTypes {itu-t (0) identified-organization (4) etsi(0) mobileDomain (0) umts-Operation-
Maintenance (3) ts-32-205 (205) informationModel (0) asnlModule (2) version1 (1)}
```

```
DEFINITIONS IMPLICIT TAGS ::=
```

```
BEGIN
```

```
-- EXPORTS everything
```

```
IMPORTS
```

```
<...unmodified text...>
```

```
-----
--
-- CALL AND EVENT RECORDS
--
-----
```

```
<...unmodified text...>
```

```
MOSMSRecord ::= SET
```

```
{
  recordType           [0] CallEventRecordType,
  servedIMSI           [1] IMSI,
  servedIMEI           [2] IMEI OPTIONAL,
  servedMSISDN         [3] MSISDN OPTIONAL,
  msClassmark          [4] Classmark,
  serviceCentre        [5] AddressString,
  recordingEntity      [6] RecordingEntity,
  location              [7] LocationAreaAndCell OPTIONAL,
  messageReference     [8] MessageReference,
  originationTime      [9] TimeStamp,
  smsResult             [10] SMSResult OPTIONAL,
  recordExtensions     [11] ManagementExtensions OPTIONAL,
  destinationNumber   [12] SmsTpDestinationNumberCalledNumber OPTIONAL,
  CAMELSMSInformation [13] CAMELSMSInformation OPTIONAL,
  systemType           [14] SystemType OPTIONAL
}
```

```
<...unmodified text...>
```

```
CAMELSMSInformation ::= SET
```

```
{
  gsm-SCFAddress       [1] Gsm-SCFAddress OPTIONAL,
  serviceKey           [2] ServiceKey OPTIONAL,
  defaultSMSHandling   [3] DefaultSMS-Handling OPTIONAL,
  freeFormatData       [4] FreeFormatData OPTIONAL,
  callingPartyNumber   [5] CallingNumber OPTIONAL,
  destinationSubscriberNumber [6] SmsTpDestinationNumberCalledNumber OPTIONAL,
  CAMELSMSCAddress     [7] AddressString OPTIONAL,
  smsReferenceNumber   [8] CallReferenceNumber OPTIONAL
}
```

```
<...unmodified text...>
```

```
SmsTpDestinationNumber ::= OCTET STRING
-- This type contains the binary coded decimal representation of
-- the SMS address field the encoding of the octet string is in
-- accordance with the definition of address fields in TS 23.040.
-- This encoding includes type of number and numbering plan indication
-- together with the address value range.
```

3GPP TSG-SA5 (Telecom Management)
Meeting #28, Sophia Antipolis, FRANCE, 20 - 24 May 2002

S5-024139

CR-Form-v5
CHANGE REQUEST
⌘ 32.215 CR 017 ⌘ rev - ⌘ Current version: 4.3.0 ⌘

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

Title:	⌘ Corrections on parameter Destination Number		
Source:	⌘ SA5		
Work item code:	⌘ OAM-CH	Date:	⌘ 17/05/2002
Category:	⌘ F	Release:	⌘ REL-4
	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: 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:	⌘ The existing definition of the SMS "destinationSubscriberNumber" is defined in the accounting standards refer to TS 24.008. This address does not allow to use any Service Centre specific numbers which corresponds to the (TP-DA) TP Destination address defined in 3GPP 23.040.
Summary of change:	⌘ The Destination Address parameter definition is changed to indicate that the SMS-destination address will match the 3GPP 23.040 (TP-DA) TP-Destination Address by introduction of a new ASN.1 reference. The TP-DA contains additional values for the TON (Type of Number) and Numbering Plan Identification for SMS.
Consequences if not approved:	⌘ Objection against the SMS data definition standard and lost of CDRs in the Billing system due to missing identification.

Clauses affected:	⌘ 6
Other specs Affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input checked="" type="checkbox"/> O&M Specifications REL-4/5 32.205, REL-5 32.215
Other comments:	⌘ Mirror CR in REL-5 32.215CR018. Correspondent CRs are proposed for the CS domain in TS 32.205 for REL-4/5.

6 Charging Data Record Structure

6.1 ASN.1 definitions for CDR information

Within the current 3GPP TS 32-series of specifications the ASN.1 definitions are based on ITU-T Recommendation X.208 [8] which has been superseded by ITU-T Recommendation X.680. This newer version not only includes new features but also removes some that were present in ITU-T Recommendation X.208. It was agreed that where possible, the GPRS work would be based on those ASN.1 features that were common to both. However, where necessary, the new features in ITU-T Recommendation X.680 [7] be used in some places. ITU-T Recommendation X.208 [8] feature that are no longer in ITU-T Recommendation X.680 [7] will not be used.

```
TS32215-DataTypes {itu-t (0) identified-organization (4) etsi (0) mobileDomain (0) umts-Operation-
Maintenance (3) ts-32-215 (215) informationModel (0) asnlModule (2) version1 (1)}
```

```
DEFINITIONS IMPLICIT TAGS ::=
```

```
BEGIN
```

```
-- EXPORTS everything
```

```
IMPORTS
```

```
CallEventRecordType, CellId, Diagnostics, CallDuration, ManagementExtensions, TimeStamp, MSISDN,
LocationAreaCode, MessageReference, RecordingEntity, SMSResult, LevelOfCAMELService, CalledNumber,
CallingNumber, CallEventRecord, SmsTpDestinationNumber
FROM TS32205-DataTypes {itu-t (0) identified-organization (4) etsi(0) mobileDomain (0)
umts-Operation-Maintenance (3) ts-32-205 (205) informationModel (0) asnlModule (2) version1 (1)}
```

```
IMSI, IMEI
```

```
FROM MAP-CommonDataTypes { ccitt identified-organization (4) etsi(0) mobileDomain (0) gsm-Network
(1) modules (3) map-CommonDataTypes (18) version6 (6) }
```

```
DefaultGPRS-Handling, DefaultSMS-Handling, ServiceKey
```

```
FROM MAP-MS-DataTypes { ccitt identified-organization (4) etsi (0) mobileDomain (0)
gsm-Network (1) modules (3) map-MS-DataTypes (11) version6 (6) }
```

```
CallReferenceNumber
```

```
FROM MAP-CH-DataTypes {ccitt(0) identified-organization(4) etsi(0) mobileDomain(0)
gsm-network(1) modules(3) map-CH-DataTypes(13) version6(6)}
```

```
ManagementExtension
```

```
FROM Attribute-ASN1Module {joint-iso-ccitt ms(9) smi(3) part2 (2) asnlModule(2) 1}
;
```

```
<...unmodified text...>
```

```
-----
--
-- CALL AND EVENT RECORDS
--
-----
```

```
<...unmodified text...>
```

```
SGSNSMORRecord ::= SET
```

```
{
  recordType           [0] CallEventRecordType,
  servedIMSI           [1] IMSI,
  servedIMEI           [2] IMEI OPTIONAL,
  servedMSISDN         [3] MSISDN OPTIONAL,
  msNetworkCapability [4] MSNetworkCapability OPTIONAL,
  serviceCentre        [5] AddressString OPTIONAL,
  recordingEntity      [6] RecordingEntity OPTIONAL,
  locationArea         [7] LocationAreaCode OPTIONAL,
  routingArea          [8] RoutingAreaCode OPTIONAL,
  cellIdentifier        [9] CellId OPTIONAL,
  messageReference     [10] MessageReference,
  eventTimeStamp       [11] TimeStamp,
```

```

    smsResult                [12] SMSResult OPTIONAL,
    recordExtensions         [13] ManagementExtensions OPTIONAL,
    nodeID                   [14] NodeID OPTIONAL,
    localSequenceNumber     [15] LocalSequenceNumber OPTIONAL,
    chargingCharacteristics  [16] ChargingCharacteristics,
    systemType               [17] SystemType OPTIONAL,
    destinationNumber        [18] SmsTpDestinationNumberCalledNumber OPTIONAL,
    cAMELInformationSMS     [19] CAMELInformationSMS OPTIONAL,
    chChSelectionMode       [20] ChChSelectionMode OPTIONAL
}

<...unmodified text...>

CAMELInformationSMS ::= SET
{
    sCFAddress                [1] SCFAddress OPTIONAL,
    serviceKey                 [2] ServiceKey OPTIONAL,
    defaultSMSHandling        [3] DefaultSMS-Handling OPTIONAL,
    cAMELCallingPartyNumber   [4] CallingNumber OPTIONAL,
    cAMELDestinationSubscriberNumber [5] SmsTpDestinationNumberCalledNumber OPTIONAL,
    cAMELSMSCAddress          [6] AddressString OPTIONAL,
    freeFormatData            [7] FreeFormatData OPTIONAL
    smsReferenceNumber        [8] CallReferenceNumber OPTIONAL
}

<...unmodified text...>
```

3GPP TSG-SA5 (Telecom Management)
Meeting #28, Sophia Antipolis, FRANCE, 20 - 24 May 2002

S5-024140

CR-Form-v5
CHANGE REQUEST
⌘ 32.215 CR 018 ⌘ rev - ⌘ Current version: 5.1.0 ⌘

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

Title:	⌘ Corrections on parameter Destination Number		
Source:	⌘ SA5		
Work item code:	⌘ OAM-CH Date: ⌘ 17/05/2002		
Category:	⌘ A Release: ⌘ REL-5		
	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <i>Use one of the following categories:</i> 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. </td> <td style="width: 50%; vertical-align: top;"> <i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5) </td> </tr> </table>	<i>Use one of the following categories:</i> 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 .	<i>Use one of the following releases:</i> 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) REL-4 (Release 4) REL-5 (Release 5)
<i>Use one of the following categories:</i> 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 .	<i>Use one of the following releases:</i> 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:	⌘ The existing definition of the SMS "destinationSubscriberNumber" is defined in the accounting standards refer to TS 24.008. This address does not allow to use any Service Centre specific numbers which corresponds to the (TP-DA) TP Destination address defined in 3GPP 23.040.
Summary of change:	⌘ The Destination Address parameter definition is changed to indicate that the SMS-destination address will match the 3GPP 23.040 (TP-DA) TP-Destination Address by introduction of a new ASN.1 reference. The TP-DA contains additional values for the TON (Type of Number) and Numbering Plan Identification for SMS.
Consequences if not approved:	⌘ Objection against the SMS data definition standard and lost of CDRs in the Billing system due to missing identification.

Clauses affected:	⌘ 6
Other specs Affected:	⌘ <input type="checkbox"/> Other core specifications ⌘ <input type="checkbox"/> Test specifications <input checked="" type="checkbox"/> O&M Specifications REL-4/5 32.205, REL-4 32.215
Other comments:	⌘ Mirror CR of REL-4 32.215CR017. Correspondent CRs are proposed for the CS domain in TS 32.205 for REL-4/5.

6 Charging Data Record Structure

6.1 ASN.1 definitions for CDR information

Within the current 3GPP TS 32-series of specifications the ASN.1 definitions are based on ITU-T Recommendation X.208 [8] which has been superseded by ITU-T Recommendation X.680. This newer version not only includes new features but also removes some that were present in ITU-T Recommendation X.208. It was agreed that where possible, the GPRS work would be based on those ASN.1 features that were common to both. However, where necessary, the new features in ITU-T Recommendation X.680 [7] be used in some places. ITU-T Recommendation X.208 [8] feature that are no longer in ITU-T Recommendation X.680 [7] will not be used.

```
TS32215-DataTypes {itu-t (0) identified-organization (4) etsi (0) mobileDomain (0) umts-Operation-
Maintenance (3) ts-32-215 (215) informationModel (0) asn1Module (2) version1 (1)}
```

```
DEFINITIONS IMPLICIT TAGS ::=
```

```
BEGIN
```

```
-- EXPORTS everything
```

```
IMPORTS
```

```
CallEventRecordType, CellId, Diagnostics, CallDuration, ManagementExtensions, TimeStamp, MSISDN,
LocationAreaCode, MessageReference, RecordingEntity, SMSResult, LevelOfCAMELService, CalledNumber,
CallingNumber, CallEventRecord, SmsTpDestinationNumber
```

```
FROM TS32205-DataTypes {itu-t (0) identified-organization (4) etsi(0) mobileDomain (0)
umts-Operation-Maintenance (3) ts-32-205 (205) informationModel (0) asn1Module (2) version1 (1)}
```

```
IMSI, IMEI
```

```
FROM MAP-CommonDataTypes { ccitt identified-organization (4) etsi(0) mobileDomain (0) gsm-Network
(1) modules (3) map-CommonDataTypes (18) version6 (6) }
```

```
DefaultGPRS-Handling, DefaultSMS-Handling, ServiceKey
```

```
FROM MAP-MS-DataTypes { ccitt identified-organization (4) etsi (0) mobileDomain (0)
gsm-Network (1) modules (3) map-MS-DataTypes (11) version6 (6) }
```

```
CallReferenceNumber
```

```
FROM MAP-CH-DataTypes {ccitt(0) identified-organization(4) etsi(0) mobileDomain(0)
gsm-network(1) modules(3) map-CH-DataTypes(13) version6(6)}
```

```
ManagementExtension
```

```
FROM Attribute-ASN1Module {joint-iso-ccitt ms(9) smi(3) part2 (2) asn1Module(2) 1}
;
```

```
<...unmodified text...>
```

```
-----
--
-- CALL AND EVENT RECORDS
--
-----
```

```
<...unmodified text...>
```

```
SGSNRecord ::= SET
```

```
{
  recordType [0] CallEventRecordType,
  servedIMSI [1] IMSI,
  servedIMEI [2] IMEI OPTIONAL,
  servedMSISDN [3] MSISDN OPTIONAL,
  msNetworkCapability [4] MSNetworkCapability OPTIONAL,
  serviceCentre [5] AddressString OPTIONAL,
  recordingEntity [6] RecordingEntity OPTIONAL,
  locationArea [7] LocationAreaCode OPTIONAL,
  routingArea [8] RoutingAreaCode OPTIONAL,
  cellIdentifier [9] CellId OPTIONAL,
  messageReference [10] MessageReference,
```

```
eventTimeStamp          [11] TimeStamp,
smsResult               [12] SMSResult OPTIONAL,
recordExtensions       [13] ManagementExtensions OPTIONAL,
nodeID                 [14] NodeID OPTIONAL,
localSequenceNumber    [15] LocalSequenceNumber OPTIONAL,
chargingCharacteristics [16] ChargingCharacteristics,
systemType             [17] SystemType OPTIONAL,
| destinationNumber     [18] SmsTpDestinationNumberCalledNumber OPTIONAL,
CAMELInformationSMS    [19] CAMELInformationSMS OPTIONAL,
chChSelectionMode      [20] ChChSelectionMode OPTIONAL
}

<...unmodified text...>

CAMELInformationSMS ::= SET
{
  sCFAddress           [1] SCFAddress OPTIONAL,
  serviceKey           [2] ServiceKey OPTIONAL,
  defaultSMSHandling  [3] DefaultSMS-Handling OPTIONAL,
  cAMELCallingPartyNumber [4] CallingNumber OPTIONAL,
| cAMELDestinationSubscriberNumber [5] SmsTpDestinationNumberCalledNumber OPTIONAL,
  cAMELSMSCAddress     [6] AddressString OPTIONAL,
  freeFormatData       [7] FreeFormatData OPTIONAL
  smsReferenceNumber   [8] CallReferenceNumber OPTIONAL
}

<...unmodified text...>
```