Title: Indication of call termination as a result of IST operation

Source: SA3

To: SA5

Cc:

Response to:

Contact Person:
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Attachments: Approved CRs

1. Overall Description:

Immediate Service Termination (IST) is a feature which provides the means for an HPLMN to terminate all the CS activities of an HPLMN subscriber in a VPLMN. The primary aim is to enable service providers/network operators to use IST to reduce the amount of money that they lose because of roaming fraud.

SA3 have reviewed the following requirement in Section 4.3 of the IST stage 1 specification for CS services (TS 22.032v5.0.0):

"The call records of calls terminated by the operation of IST shall contain a field indicating that the call terminated because of the operation of IST."

SA3 would like SA5 to confirm that these requirements are properly addressed in the charging specifications, e.g. by the use of the cause value "Management intervention" in the Record Closing field of the CDR. SA5 are asked to ensure that sufficient information is available in the charging records to determine whether a CS service was terminated because of the invocation of IST by the HPLMN.

Although the IST specifications only apply to CS services, it should be noted that the Operator Determined Barring (ODB) feature allows an HPLMN to immediately terminate all PS services in a VPLMN using the MAP Cancel Location message. SA5 are also asked to comment on whether charging records of PDP contexts terminated by the operation of ODB contain a suitable cause value for the termination.

2. Actions:

To SA5

ACTION: SA5 are asked to confirm that the requirement to indicate the cause for termination in CS charging records because of the operation of IST is addressed in the charging specifications.

ACTION: SA5 are asked to confirm that the requirement to indicate the cause for termination in PS charging records because of the operation of ODB is addressed in the charging specifications.

3. Date of Next SA3 Meeting:

SA3#25	8 - 11 Oct 02	Munich	Germany