

INTERNATIONAL TELECOMMUNICATION UNION

ITU-T RECOMMENDATION SUMMARY

Rec. No. : Q.951.8	Title : Stage 3 description for number identification supplementary services using DSS 1
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Study Group : XI - Switching and Signalling

Version : New

Date of adoption : 1992

Notes :

SUB-ADDRESSING (SUB)

The Sub-addressing (SUB) supplementary service allows the called (served) user to expand his addressing capacity beyond the one given by the ISDN number.

The sub-addressing possibility offers an additional addressing capacity independent from the ISDN number.

A called party sub-address, if presented by a calling user is delivered unaffected to the called user. The called party sub-address may form part of the compatibility checking by the called user. Only the served user defines the significance of the sub-address.

The functions offered by the SUB supplementary service can be used to identify a particular endpoint of a call beyond the ISDN access.

If a calling user wants to transfer called party sub-address information to the called user, the calling user shall insert the called party sub-address information into the SETUP message as part of the basic service.

The sub-address information is transferred transparently through the network from the originating to the destination user-network interface. At the called user side, the called party Sub-address shall be offered to the served user within the SETUP message, if the called user has subscribed to this supplementary service.

Note 1 – Other sub-address information elements, e.g. calling party sub-address or Connected party sub-address information elements are not the subject of the SUB supplementary service and hence are described in the appropriate supplementary service specifications (e.g., in the Calling Line Identification Presentation and Connected Line Identification Presentation supplementary services specifications).

Note 2 – The maximum size of the called party sub-address is 20 octets. However, for a certain period of time, the size of the sub-address may be less than 20 octets either within certain networks or between networks.

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