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**INTEGRATED SERVICES DIGITAL
NETWORK (ISDN)**

**SERVICE CAPABILITIES
SUPPLEMENTARY SERVICES IN ISDN**

**ADVICE OF CHARGE :
CHARGING INFORMATION
AT CALL SET-UP TIME (AOC-S)**

ITU-T Recommendation I.256.2a

(Previously "CCITT Recommendation")

FOREWORD

The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the International Telecommunication Union. The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, established the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

ITU-T Recommendation I.2562.a was prepared by the ITU-T Study Group I (1988-1993) and was approved by the WTSC (Helsinki, March 1-12, 1993).

NOTES

1 As a consequence of a reform process within the International Telecommunication Union (ITU), the CCITT ceased to exist as of 28 February 1993. In its place, the ITU Telecommunication Standardization Sector (ITU-T) was created as of 1 March 1993. Similarly, in this reform process, the CCIR and the IFRB have been replaced by the Radiocommunication Sector.

In order not to delay publication of this Recommendation, no change has been made in the text to references containing the acronyms "CCITT, CCIR or IFRB" or their associated entities such as Plenary Assembly, Secretariat, etc. Future editions of this Recommendation will contain the proper terminology related to the new ITU structure.

2 In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Recommendation I.256.2a**ADVICE OF CHARGE: CHARGING INFORMATION
AT CALL SET-UP TIME (AOC-S)***(Helsinki, 1993)***1 Definition**

For the purposes of this Recommendation, the following definition applies.

The **Advice of Charge: charging information at call set-up time (AOC-S)** supplementary service: Enables a user to receive information about the charging rates at call set-up time and also to receive further information during the call if there is a change of charging rates.

2 Description

The AOC-S supplementary service shall apply to the basic access and the primary rate access.

The AOC-S supplementary service provides the served user with information about the charging rates at call establishment. In addition, the served user shall be informed if a change in charging rates takes place during the call. The information can be sent for all calls, or on a per call basis. The charge information given shall relate to the charges incurred on the network to which the served user is attached.

2.1 Structure and contents of charging information1) *Type of charging information*

- charging rate information.

2) *Charged item*

The following charged items can be included. A charged item shall only be included if that item contains information concerning the charging applied to the call.

NOTE 1 – Network providers will only use those charged items which are appropriate to that service provider's charging mechanism. Thus, in some networks, users may/may not receive some of these items or combinations of items. Different networks could give information about the same call in different ways.

- Basic communication

This charged item indicates the rate to be applied to the basic communication. If the rate changes, the served user shall be informed.

- Call attempt

This charged item indicates the cost applied for successful call attempt before called user accepts the call.

- Call set-up

This charged item indicates the cost applied for the connection to the called user after call acceptance.

- Special charging arrangement

This charged item indicates that a special arrangement exists for calculating the cost of the call.

NOTE 2 – The use of this charged item is outside the scope of the standard. It is a matter for the network operator and the user to which it is sent.