

Survey of input requested from sector regarding the development of the Bottom-Up model for interconnection

December 16th, 2003

1. Introduction

On October 16th and 22nd, 2003, the BIPT organised a sector meeting concerning the synthesis of the 3rd consultation document, the consultation of the Bottom-Up model and the reactions on the 4th consultation document regarding the reconciliation of the Bottom-Up model.

At these meetings, the various topics raised and remarks made by the sector as a result of the 3rd consultation document and the consultation of the model were dealt with. For a number of these remarks or questions, the BIPT concludes from the discussions at the meeting that the issue is difficult to resolve based on the information that is currently available at the BIPT and that, if the operators deem it desirable to carry through certain adaptations or perform refinements, additional information has to be provided.

Although the BIPT already invited the operators to convey additional information at the meetings, hitherto no response was received from the sector. Therefore, by means of this communication, the Institute would like to repeat its invitation and provide the operators with an exhaustive list of all the topics that it welcomes input for.

2. List of requested input information

In this paragraph, the questions regarding the requested input information will be structured in the same way as used in the BIPT's presentations on the sector meetings (ref. *BvD/AC266/BRIO-BOT-GEN-027/161003/EVDE* and *BvD/AC266/BRIO-BOT-GEN-028/221003/EVDE*).

2.1 *Scope of the Bottom-Up model*

Regarding the scope of the model, the BIPT does not request additional information from the sector.

2.2 *Dimensioning of switching equipment*

Q3: How was the value for U_{pc} determined?

Question 1: Regarding Q3, the BIPT invites the sector to provide methodologies to validate the obtained value for U_{pc} , i.e. 256.

Q8: How are the investment costs for the processor in BUs and CAEs determined?

Question 2: Regarding Q8, the BIPT invites the sector to indicate whether the cost information that was provided for the BUs and CAEs and that was expressed in terms of number of E1s, applies to the number of *interfaces* or to the *throughput* that the switch can process.

If the information provided would prove to be expressed in terms of throughput, the BIPT invites the operators to re-supply investment cost information, expressed in terms of the number of E1-interfaces.

2.3 Dimensioning of transmission equipment

R2: Grooming equipment should be used to obtain a more efficient use of the ADM-ports

At the meeting, some suggested that it might possibly be the case that modern ADMs do not require separate grooming equipment, as they may be able to perform this function themselves. Moreover, it was mentioned that modern ADMs offer a large number of ports.

Question 3: Regarding R2, the operators are asked to verify whether the ADM price information that they supplied within the framework of the 3^d consultation document, did or did not refer to ADMs that can perform grooming functionality.

Question 4: If it would prove that the ADMs for which price information was communicated cannot perform the grooming function themselves and hence separate grooming equipment is required, the BIPT invites the operators to communicate the following information:

- ✂ Investment cost for grooming equipment (excl. STM1-cards);
- ✂ Investment cost for 1 STM-1 card;
- ✂ Number of STM-1 cards on grooming equipment.

2.4 Dimensioning of transmission infrastructure

Q2: How have the parameters regarding sharing of transmission infrastructure been determined?

Question 5: Regarding Q2, the BIPT invites the sector to provide additional data that will allow quantifying the various sharing parameters that were elaborated more precisely. More specifically, in the meetings it was suggested that sharing of transmission infrastructure between the Links LDC-host and the Regional Rings/Core Links might occur in reality; hence the operators are invited to convey information that allows quantifying this type of transmission infrastructure sharing.