

## **ETSI Workshop**

### **“Quality issues for IP telephony”**

**8-9 June 1999**

**at ETSI, Sophia Antipolis, France**

#### ***Objective***

To identify and plan the work needed to bridge the gap between routing mechanisms within IP networks and end-end quality levels.

#### ***Method***

Bring together experts from the ETSI/ITU-T and IETF cultures to exchange information, give tutorials and brainstorm on the issues remaining.

#### ***Presentations***

##### **Tuesday 8 June**

- 1000 - Opening welcome and introduction to Tiphon (Helmut Schink, Tiphon Chairman, Siemens)
- 1030 - Overview of IETF (Bob Braden, Information Sciences Institute, USA)
- 1100 - Coffee Break
- 1130 - Overview of Tiphon/ITU-T work and End-end quality categories defined by Tiphon (Mike Buckley, Tiphon WG5 chairman, Lucent)
- 1215 - The technical issues that affect telephony (Hans Gierlich, Head Acoustics)
- 1300 - Lunch
- 1415 - The E-model incl demonstration (Klemens Adler, Alcatel)
- 1500 - Quality in packet networks statistics, scalability, limits of the possible (speaker not agreed yet)
- 1540 - Coffee break
- 1600 - Tutorial on RSVP (Bob Braden, ISI)

##### **Wednesday 9 June**

- 0930 - Tutorial on Diff Serv (Kathleen Nicholls, Cisco)
- 1015 - Tutorial on MPLS (Francois Le Faucheur, Cisco)
- 1100 - Coffee
- 1130 - Interconnection issues (John Horrocks, STQ Chairman, DTI)
- 1215 - End-end quality in a commercial service (speaker not agreed yet)
- 1300 - Lunch
- 1415 - Panel discussion on the way ahead and the further work needed.

### ***Discussion Issues***

- a) Which queue management protocols are relevant to voice?
- b) What behaviours or parameters should be specified for queue management protocols and included in interconnection agreements?
- c) What exactly should be meant by guaranteed quality, what should be done if only lower quality is available despite the “guarantee”?
- d) Are any new inter-network protocols needed?
- e) Should any parameters be related to the codec type (there will certainly be some interaction, but with many different codecs this could be impracticable)?
- f) What standardisation work is needed to support interconnection?

Please register your intention to attend by informing:

Christian Julien

ETSI

Tel: +33 4 92 94 4323

Fax: +33 4 93 65 4716

Email: christian.julien@etsi.fr