

# Meeting Summary

#13, April 1999



The 13<sup>th</sup> Meeting was hosted by Ericsson at Stockholm.

## 1 General Progress

In the HIPERLAN/2 area the planning of the basic set of standards was completed – we are expecting to have a basic 5 GHz PHY layer, a basic DLC layer for packet services (with extensions for Business Environment and Home Environment) and an Ethernet Interworking sublayer specification ready by year end. Also to be ready by that time are an SDL specification of the protocols and a specification of the Management Information Base to support the above functionality. Interworking specifications for IEEE 1394 and IP will follow early in 2000.

It should be noted that the above plan documents the integration of the work on wireless 1394 – also known as “wireless firewire” – into the BRAN programme of work. This is another first for the BRAN project: standard that supports both professional and consumer applications. The ESPRIT **Commend** project is developing a demonstration system for this technology.

In the HIPERACCESS area the decision was taken to ask TM4 to develop co-existence standards for broadband systems that were initially considered to fall into the remit of the BRAN project. This decision removes a major source of disagreement from the proceedings and allows the HIPERACCESS group to concentrate on developing interoperability standards. Two architectures are now being considered: Point to Multipoint and Mesh. At the next meeting a decision will be taken to proceed with both or only with the former. The Systems Overview will be amended to reflect the above decision before it will be published.

## 2 Work in hand

The following deliverables were completed and/or published.

Area	Subject	Status
HIPERLAN	Technology Inventory	Published
HIPERACCESS	Requirements and Architectures	Published
HIPERLAN	Requirements and Architectures	Published
HIPERLAN	Systems Overview	Approval by email prior to publication
HIPERACCESS	Systems Overview	Draft for external review

The following gives a quick summary of the work at hand in the Project after the 13<sup>th</sup> meeting. For details, please refer to the ETSI WEB-site under {{current work items}}.

Area	Subject	Rapporteur
HIPERLAN	Systems Overview	Harold Teunissen, Lucent
HIPERACCESS	Systems Overview	Phil Davidson, Plextek
HIPERLAN	PHY Layer Specification	Jamshid Khun-Jush, Ericsson Eurolab
HIPERACCESS	PHY Layer Specification – part 1, Spectrum Utilisation Parameters	Aldo Bolle, Ericsson Microwave Systems
HIPERLAN	DLC Layer, Radio Link Control Protocol b	Markus Radimirsch, Robert Bosch GmbH
HIPERLAN	DLC Layer, Basic Packet Transport Service Specification	Staffan Lundgren, Telia. Juha Salokannel, Nokia
HIPERLAN	DLC layer, Business Application Extensions	Markus Radimirsch, Robert Bosch GmbH
HIPERLAN	DLC layer, Consumer Application Extensions	David Evans, Philips
HIPERLAN	DLC layer, SDL Specification	Juha Salokannel, Nokia
BRAN	Convergence Sublayer, Part 1, Common functions	Staffan Malmgren, Ericsson
BRAN	Convergence Sublayer Specification, extension for 802.3/Ethernet	Staffan Malmgren, Ericsson
BRAN	Convergence Sublayer Specification, extension for for IP	Tbd
BRAN	Convergence Sublayer Specification, extension for for PPP	Tbd
BRAN	Convergence Sublayer Specification for ATM core networks	Lou Dellaverson, Motorola
BRAN	Convergence Sublayer Specification for UMTS core networks	Markku Niemi, Nokia

### 3 Liaison

A liaison statement was sent to ETSI TM4 in acceptance of their offer to help with the development of Co-existence standards for broadband systems.

A liaison was sent to CEPT FM19 to support the spectrum requirements for HIPERACCESS.

The liaison with IEEE 802.11 and with MMAC is continuing with the objective of maintaining close coupling between the three standards. The MMAC has decided to adopt the IEEE 802.11 MAC as one of the MMAC specifications for 5 GHz systems.

BRAN representatives continue to work with CEPT, notably the Joint Task Group on HIPERLANs, towards an ERC Recommendation that provides a stable and adequate spectrum designation for HIPERLANs that recognizes and protects the interest of other users of the 5 GHz band. This subject is making good progress: a broad agreement on the technical issues has been reached and spectrum parameters for HIPERLANs have been proposed.

Further liaison with the ITU-R groups working on RLAN related subjects remains necessary to assure that the ITU-R adopts equitable Recommendations regarding spectrum for (HIPE)RLANs world-wide. It is proving very difficult to get the sharing model

for the MSS and RLANs to be adopted by the ITU-R WP4a and JRG 8A-9B groups. The main opposition comes from ICO Global Communications.

A liaison statement was sent to ETSI TIPHON replying positively to the latter's request to liaise on Internet related services.

#### **4 Re-org**

The BRAN project adjusted its organisation to reflect its actual ways of operating. The Standards and Regulations group was split up and merged into the HIPERACCESS and HIPERLAN groups. Co-ordinators for spectrum related issues will be Barry Lewis (RA) and Jan Kruys (Lucent) respectively.

#### **5 1999 Meetings**

13.5	HIPERLAN only – May 21/22	ETSI	ETSI
14	June 29 - July 2	ETSI	ETSI
15	Sept 14-17		Invitation wanted
16	Nov 30 -Dec 3	ETSI	ETSI

#### **6 New Chairman**

Mr. Jamshid Khun-Jush of Ericsson Eurolabs (DE) has announced his candidacy for the chair of the BRAN project. He has the full support of the Project members and his appointment is expected to be confirmed by the ETSI Board before BRAN #14.