



Chairman of ETSI Project Broadband Radio Access Networks
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To: Mr. Oliver Wheaton, Chair ETSI TC ERM
Mr. Markus Dreis, Chair CEPT/ERC/PT SE 19

Cc: Dr. Roger B. Marks, Chair IEEE 802.16
Dr Roberto Macchi, Chair WG TM4

Source: EP-BRAN - HIPERACCESS Standard Area

Date: July 01, 1999

No: PLN1410a

Subject: ETSI Project BRAN Liaison Statement to ERM-RM and CEPT/ERC/PT SE19 on HIPERACCESS Issues

Reference: None

Dear Madam, Dear Sir,

ETSI Project BRAN request that ERM-RM and CEPT/ERC/PT SE19 note the following information and take the appropriate action necessary to accommodate requirements of HIPERACCESS -

HIPERACCESS Duplex Scheme

ETSI Project BRAN generated the following text for inclusion in the standard (the value of “3 GHz” may be revised depending on further discussions) –

The HIPERACCESS spectrum requirement estimation foresees a large core spectrum allocation, 3 GHz for the full service set. “Smaller” spectrum allocations are considered useful for reduced service set. Either paired or unpaired, large or small spectrum blocks could be available to Operators for HIPERACCESS applications.

The PHY layer will be based on a FDD duplex scheme.

Full and half-duplex terminal operation will be included in the standard.

For spectrum allocation not suitable for FDD, TDD operation based on the technology specified for FDD HIPERACCESS system will be included in the standard.

HIPERACCESS System Architecture

ETSI Project BRAN agreed that the system architectures will be that of “Point-to-Multipoint”.

Dual Frequency Bands

ETSI project BRAN has considered the possibility of dual frequency band systems and could see no requirement for this type of operation for HIPERACCESS.

Additional Information

Additional information on the nature of HIPERACCESS systems can be found in ETSI Report TR 101-177 (Basic Requirements and Architectures for HIPERACCESS Networks).

Conclusion

ETSI Project BRAN requests that due consideration is given to the points contained within this Liaison Statement in order to help derive, and / or modify, frequency arrangements such that HIPERACCESS can be accommodated.

ETSI Project BRAN looks forward to entering into dialogue with ERM-RM and SE19 to ensure that this occurs in a timely manner.

The HIPERACCESS Standard Area can provide further information if required and would be pleased to assist in any forums addressing these issues.

Sincerely,

Jamshid Khun-Jush,
Chairman ETSI Project BRAN