

<b>EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE</b>		<b>TM4 (01)26_03_annex10</b>
<b>WG TM-4 FIXED RADIO SYSTEMS</b>		
<b>PLENARY MEETING # 26</b>		
<b>BERLIN, 19 TO 23 NOVEMBER 2001</b>		
<b>Source:</b>	Marianna Goldhammer, Barry Lewis	
<b>Submission Date:</b>	November 2001	
<b>Title:</b>	Liaison to IEEE 802.16 on common interest information	
<b>Document for:</b>	PLEN, WP-2	
<b>WI Number:</b>		

From: Chairman ETSI TM-04, Roberto Macchi

To: Chairman IEEE 802.16, Roger Marks

Subject: Liaison Statement from IEEE 802.16 fom July 2001

Dear Roger,

I would like to inform you that in the November 2001 plenary meeting of WG-TM4, a new work item was approved, and started, to revise the existing coexistence standard EN301 021 (*Fixed Radio Systems; Point-to-Multipoint equipment; Time Division Multiple Access; Point-to-multipoint digital radio systems in frequency bands in the range 3GHz to 11GHz*). The scope of this new work is to extend the EN, which already covers single carrier and OFDM, to address TDMA/OFDMA, to allow for using OFDMA as another dimension of multiple access in conjunction with TDMA.

WG-TM4 s target date to approve this revision is June 2002 and we anticipate that the work will be substantially progressed at our planned Interim meeting scheduled for March 2002.

We consider that you might find reference to this co-existence standard useful, during your 802.16.a air interface development, and we will be happy to update you with progress.

We are happy to provide you with the drafts mentioned in your Liaison Letter:

- The 40 GHz MWS standard (EN 301 997-1);
  - o We draw your attention to a new approach taken in this co-existence standard which, in close co-operation with the European regulators, has resulted in a regulatory spectrum block edge emission mask. This has been developed as an alternate to the guard band approach to address inter-operator co-ordination. It has been published within an ERC Recommendation ERC/REC 01-04 which will soon be freely available from the ERO Web site at: [www.ero.dk](http://www.ero.dk) . (If not available in time for consideration of this liaison please contact the ETSI TM4 liaison officer).
- The draft report — DTR/TM04129 part1 - on AFA (autonomous frequency assignment);

scenarios. Questions have been raised and referred to the European regulatory bodies regarding the impact and implementation of such techniques within a regulatory and licensing framework. We welcome any feedback on these issues that you may be able to provide.

- The draft report — DTR/TM04136 - on use of emission masks in systems that use mixed/adaptive modulation modes.
  - o This draft report examines the adequacy of the emission masks detailed in EN 301-213-3 in addressing coexistence issues.

Regarding the other items of interest, mainly antenna drafts, we would prefer to wait until they become stable enough to be transferred to you.

Kind regards,

Roberto Macchi