

**3GPP/3GPP2 HARMONIZATION MEETING  
13-14 NOVEMBER 2001  
EAST BRUNSWICK HILTON HOTEL IN EAST BRUNSWICK, NJ**

**OUTPUT STATEMENT**

During the period of 13-14 November 2001, representatives of 3GPP and 3GPP2 met at the East Brunswick Hilton hotel to consider issues and options associated with harmonization of HSDPA and 1xEV-DV. The entire first day of this meeting was spent exchanging information on status and technical design of the two (2) technologies. During the second day, the following concepts were developed, by consensus of the group, to propose to each organization as a feasible and recommended strategy for approaching the issue of harmonization:

- Areas of harmonization that could be pursued include the following:
  - Common user and system services
  - Common spectrum allocation (being addressed by WRC)
  - Common core network (All IP - also addressed in other fora)
  - Common hardware design requirements for new features for the Access Terminal/User Equipment.
- The group agreed that the expertise of 3GPP and 3GPP2 could be best utilized by focusing on harmonization of hardware design requirements for new features for the Access Terminal/User Equipment. The benefits expected to be achieved by this activity are summarized as follows:
  - Terminals would have more commonality in their hardware platform for both technologies.
  - Economies of scale could be maximized by the use of common components wherever possible.
- The group stressed that these are long-term goals and must not impact any current activities (e.g., the release of current standards to meet ITU-R WP 8F timelines). In addition, there was a suggestion that, based on the fact that the two (2) groups have different processes and procedures in place, working together is an effort that should start with small, achievable objectives that will build over time as the working relationship gets stronger.

#### RECOMMENDATIONS FROM THE MEETING:

- Following the above considerations, it is therefore proposed that the first issues to be considered shall be the following:
  - Common definition for channel models (e.g., spatial propagation)
  - Common definition for traffic models
  - Common physical requirements for terminal design particularly for future development (e.g., MIMO (multiple input multiple output) antenna technology).
- In order to smoothly introduce the common work, the following process is proposed:
  - An exploder shall be established for the 3GPP TSG RAN and 3GPP2 TSG-C Leaders to provide a means to exchange information on work programs between the two TSGs. As far as possible, reporting from both sides on the progress of the work shall be established. The long-term goal of this activity is to appoint rapporteurs in both directions.
  - A first meeting between the relevant working groups will be scheduled at the beginning of 2002 to develop the common models.
  - In addition, a follow up meeting of 3GPP TSG RAN and 3GPP2 TSG-C representatives is scheduled to review the progress of the work. A tentative date for this meeting has been set for 28 June 2002 in Italy. The meeting will be hosted by 3GPP.