

Radiocommunication Study Groups



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English only

Working Party 5D

LIAISON STATEMENT TO EXTERNAL ORGANIZATIONS REQUEST FOR INFORMATION ON FEMTOCELLS

- 1 ITU-R Working Party 5D (WP 5D) is responsible for the overall system aspects of IMT
 2 (International Mobile Telecommunications) and has the prime responsibility within ITU-R for
 3 issues related to the terrestrial component of IMT, including technical, operational and spectrum
 4 related issues to meet the objectives of future IMT systems. Further details on WP 5D can be found
 5 on the [WP 5D Website](#), and on the [IMT Website](#).
- 6 WP 5D has begun discussion on femtocells (or their equivalent) for IMT. WP 5D wishes to collect
 7 information on femtocells to determine if WP 5D can add value to the understanding of femtocell
 8 (or equivalent) deployment.
- 9 Specifically, WP 5D is aware that your organization may be working in this area and kindly
 10 requests that your organization provide general information on the following subjects (and any
 11 others that may be relevant):
- 12 1) What is your organization's definition of a femtocell (or equivalent)?
 - 13 a) Please provide a general description.
 - 14 b) What types of femtocells (or equivalent) are currently being defined by your
 15 organization?
 - 16 2) Standards and specifications
 - 17 a) What standards and/or specifications are your group currently involved in that pertains
 18 directly to femtocells (or equivalent)?
 - 19 b) What is the status and timeline for finalization of these specifications and/or standards?
 - 20 3) Describe the network architectures being considered.
 - 21 4) What applications for femtocells (or equivalent) are being considered?
 - 22 5) What deployment issues are being discussed – for example:
 - 23 a) Security
 - 24 b) handover
 - 25 c) reconfiguration
 - 26 d) discovery and association

Attention: The information contained in this document is temporary in nature and does not necessarily represent material that has been agreed by the group concerned. Since the material may be subject to revision during the meeting, caution should be exercised in using the document for the development of any further contribution on the subject.

