



WIRELESS COMMUNICATIONS ASSOCIATION

# WCAI Evaluation Group for IMT-Advanced

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2<sup>nd</sup> IEEE 802.16 IMT-Advanced Evaluation Group  
Coordination Meeting

Beijing, China

17 May 2010

# WCAI EG Mission

WCAI Evaluation Group (WCAI EG) is formed:

- To evaluate candidate IMT-Advanced technologies against ITU-R criteria.
- To consider the information in proponents' ITU-R submissions as a starting point for the evaluation process.
- To make efforts, during the process, to coordinate and share information/results with proponents and other evaluation groups with the aim of consensus building
- To participate in, and submit final results to, ITU-R meetings up to the deadlines (WP 5D meetings No. 7 and No. 8)

WCAI EG web page:

[http://www.wcai.com/taskf\\_IMT-Advanced.php](http://www.wcai.com/taskf_IMT-Advanced.php)



# Update on Activities

- Participated in ITU-R 3<sup>rd</sup> Workshop on IMT-Advanced in Dresden, Germany in October 2009
- Participated in 3GPP IMT-Advanced Evaluation Group Coordination meeting in Beijing, China in December 2009
- Worked through teleconference and email reflector
- Agreed on method of work in November 2009
  - Examination of submitted templates
  - Verification of simulation results in all Test Environments
  - Examination of assumptions

# Preliminary evaluation report

- Submitted preliminary evaluation report to WP 5D in February 2010 (5D/667)
- Included preliminary evaluation of the “IEEE technology” on:
  - Service requirements
  - Spectrum requirements
  - Minimum technical performance
  - User plane and control plane latency
  - Handover interruption time
  - Peak spectral efficiency
  - Bandwidth
- Following ITU-R Correspondence Group (CG) activities on evaluation of proposed technologies
  - considering submitted comments



# Final evaluation report

- Will submit final evaluation report to WP 5D meeting in June 2010
- Will cover the following:
  - Comments on technology description template – characteristics
  - Comments on technology description template – link budget
  - Inter-system handover
  - Complete evaluation assumptions
  - Detailed evaluation methodology
- So far, we have not received input on evaluation of 3GPP technology