

# WCAI Evaluation Group for IMT-Advanced

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IEEE 802.16 IMT-Advanced Evaluation Group

Coordination Meeting

San Diego, CA, USA

13 January 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

- Participation in ITU-R 3<sup>rd</sup> Workshop on IMT-Advanced in Dresden, Germany in October 2009
- Participation in 3GPP IMT-Advanced Evaluation Group Coordination meeting in Beijing, China in December 2009
- Planning to participate in 2<sup>nd</sup> Evaluation Group Coordination Meetings of IEEE and 3GPP in May 2010
- Started evaluation work by considering the “IEEE technology”
  - Working 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

# Evaluation report

- Currently working on a draft initial Evaluation Report to be submitted to ITU-R WP 5D meeting in February 2010
- No plans to develop simulation capabilities but will rely on input from members
- So far, in the process of consideration of received input on Technical Performance Compliance Template on the “IEEE Technology” in all Test Environments
  - Cell spectral efficiency
  - Cell-edge user spectral efficiency
  - Mobility
  - VoIP capacity
- Draft Evaluation Report currently available to members but will be posted to web site before submission to WP 5D