
Project **IEEE 802 Executive Committee Study Group on
Mobile Broadband Wireless Access**

Title **ECSG MBWA Session #1 Minutes**

Date
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Re: ECSG MBWA Meeting #1 (Monterey, CA, USA September 10-12, 2002)

Abstract

Purpose To record meeting minutes

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Minutes of MBWA ECSG Session #1
Monterey, CA, USA
September 10-12, 2002

Call to Order

Mark Klerer, ECSG Chair, called the meeting to order at 8:30 am on Tuesday September 10, 2002.

Agenda

There was a brief description by the chair of the agenda including:

1. Review and discussion of the (proposed) baseline PAR and 5 criteria
2. Review and discussion of contributions
3. Approval of PAR and Five Criteria documents
4. Discussion of Relationships with other Standards Bodies
5. Discussion on desired MBWA Air-Interface Characteristics
6. Planning for November Meeting

Motion 1 Alan Chickinsky to approve the agenda. Seconded by Reza Arefi.

Motion 1 Approved Unanimously.

Review by chair of the scope and charter of the ECSG.

Presentation by chair on 802 PAR approval process. [802m_ecsg-02/05](#)

Motion 2 JoAnne Wilson to re-affirm Mark Klerer as chairman of the SG. Seconded by Alan Chickinsky.

Motion 2 Approved Unanimously

Review by chair of PAR [802m_ecsg-02/01](#).

Motion 3 Reza Arefi to accept [802m_ecsg-02/01](#) as the baseline Scope and Purpose. Seconded by John Fan.

Motion 3 Approved Unanimously

Motion 4 Alan Chickinsky to accept [802m_ecsg-02/02](#) as the baseline for The Five Criteria. Seconded by JoAnne Wilson.

Motion 4 Accepted by Acclamation.

Minutes of MBWA ECSG Session #1
Monterey, CA, USA
September 10-12, 2002

Presentation by John Fan and Samir Kapoor – “Proposed Revision to MBWA Project Authorization Request” [C802m_ecsg-02/01](#)

There was a group discussion on the proposed PAR changes.

Motion 5 Alan Chickinsky to approve Scope section as discussed by the group. Seconded by Reza Arefi.

Motion 5 Approved 19 For, 0 Against, with 4 abstaining.

Scope to read:

This standard specifies the physical and medium access control layers of the air interface for interoperable mobile broadband wireless access systems with peak data rates per user in excess of 1 Mbps. This standard targets spectral efficiencies, sustained user data rates and numbers of active users, which are all significantly higher than those achieved by existing mobile communications systems. This standard supports a cellular system with cell sizes appropriate to ubiquitous metropolitan-area networks and supports various vehicular mobility classes (as defined in ITU-R M.1034-1) up to 250 Km/h. It applies to systems operating in licensed bands below 3.5 GHz allocated to mobile services. The standard shall allow for use of FDD and/or TDD. The air-interface is optimized for carrying IP-based wireless data traffic.

Motion 6 Alan Chickinsky that the Purpose Section in the baseline PAR be adopted unchanged. Seconded by Amir Khan.

Motion 6 Approved 13 For, 0 Against, with 1 abstaining.

Motion 7 Alan Chickinsky to instruct the Chair to properly reformat PAR section 15 in accordance with the wishes of NESCOM. Seconded by Katie Wilson.

Motion 7 Approved Unanimously

Motion 8 Alan Chickinsky to approve section 15 of the PAR as modified. Seconded by Katie Wilson.

Motion 8 Approved Unanimously

Motion 9 JoAnne Wilson to delete the note in section 18 of the baseline PAR. Seconded by Reza Arefi.

Motion 9 Approved Unanimously

Minutes of MBWA ECSG Session #1
Monterey, CA, USA
September 10-12, 2002

Motion 10 Alan Chickinsky to accept the new PAR as amended by the SG. Seconded by Amir Khan.

Motion 10 Approved 18 For, 0 Against, 0 Abstain.

Review of “Five Criteria”

Motion 11 Alan Chickinsky to accept “Broad Market Potential” as amended. Seconded by JoAnne Wilson.

Motion 11 Approved Unanimously

Motion 12 Amir Khan to accept “Compatibility” and “Coexistence” as amended. Seconded by Katie Wilson.

Motion 12 Approved Unanimously

Motion 13 Alan Chickinsky to accept “Distinct Identity” as amended. Seconded by Hank Eilts.

Motion 13 Approved Unanimously

Motion 14 Alan Chickinsky to accept “Technical Feasibility” as amended. Seconded by Steven Crowley.

Motion 14 Approved Unanimously

Motion 15 Alan Chickinsky to accept “Economic Feasibility” as amended. Seconded by Steven Crowley.

Motion 15 Approved Unanimously

Presentation - Desired Characteristics for possible attachment to the PAR.

Presentation by Samir Kapoor “Mobile Broadband Wireless Access Air Interface Desired Characteristic” [C802m_ecsg-02/02](#)

Presentation by DS Park “Some Requirements of As-Yet-Defined MBWA Air Interface” [C802m_ecsg-02/04](#)

There was a discussion of MBWA Desired Characteristics for possible attachment to the PAR.

Minutes of MBWA ECSG Session #1
Monterey, CA, USA
September 10-12, 2002

Motion 16 JoAnne Wilson to attach “MBWA Desired Characteristics” to the PAR. Seconded by John Fan.

Motion 16 Approved Unanimously

Motion 17 JoAnne Wilson that the Study Group recommend to the Executive Committee that a new Working Group be formed under 802. Seconded by George Iritz.

Motion 17 Approved Unanimously

Tutorial presentation by Marc Goldberg “Adaptive Antennas for MBWA”
