

Minutes of MBWA SG Session #1
Calgary, Canada
May 20 – 21 2002

Call to Order

Mark Klerer, SG Chair, called the meeting to order at 2:30pm. Sign in book circulated. Chair noted that 802.16 voting rights credit is accumulated by attendance at the SG meeting.

Study Group Process / Agenda

There was a brief description by the chair of the process for starting a new WG including the purpose of the Study Group and PAR and five criteria.

SG charter reviewed.

Review of meeting objectives: Develop PAR, Develop 5 criteria, recommend placement of work within 802, and draft response to T1P1 liaison.

Motion 1 Mark Klerer, to approve agenda, 2nd by John Fan.

Motion 1 Carries by unanimous voice vote

Presentation Mika Kasslin - MBWA How and Where?

Presentation Yigal Leiba - Proposed Runcom PAR

Presentation John Fan – Scope of MBWA

Presentation Samir Kapoor – MBWA Design Issues

Presentation Reza Arefi - Inclusion of TDD in Scope

Presentation Reza Arefi – Scope as proposed in “Proposed Changes to Preliminary MBWA PAR and Draft Five Criteria”

Presentation Alex Li – Scope as Proposed in “Contributions to the MBWA PAR”

Presentation by Chair to achieve convergence

Motion 2 Reza Arefi, that Scope and Purpose be based on the following consideration: to support vehicular mobility in bands allocated by the ITU-R to the Mobile Service. 2nd by JoAnne Wilson.

Motion 2 fails 8 votes for, 17 against

Motion to Amend 2a Mariana Goldhammer, that Scope and Purpose to be based on the following consideration: to support vehicular mobility. 2nd by Alex Li.

Motion to Amend 2a fails 10 votes for, 6 against

Motion to Amend 2b Phil Barber, that Scope and Purpose to be based on the following consideration: to support vehicular mobility in the range of 400 MHz to 4GHz. 2nd by JoAnne Wilson.

Motion to Amend 2b fails 11 votes for, 6 against

Motion to Amend 2c Mariana Goldhammer, that Scope and Purpose to be based on the following consideration: to support vehicular mobility primarily in the range of 400 MHz to 6GHz. 2nd Zion Hadad

Motion to Amend 2c fails 11 votes for, 8 against

Motion to Amend 2d Zion Hadad, that Scope and Purpose to be based on the following consideration: to support vehicular mobility in current and future bands below 11 GHz allocated by the ITU-R or other radio regulators to the Mobile Service. 2nd by Jori Arrakoski

Motion to Amend 2d fails 10 votes for, 5 against

Motion to Amend 2e Sisso El-Hamamsy, that Scope and Purpose to be based on the following consideration: to support vehicular mobility in bands below 6 GHz allocated by the ITU-R or other radio regulators to the Mobile Service. Spectrum may be reallocated for mobile use. The proposed project will address those allocations. 2nd by Mika Kasslin

Motion to Amend 2e fails 13 votes for, 5 against

Motion to Amend 2f Mariana Goldhammer, that Scope and Purpose to be based on the following consideration: to support vehicular mobility in bands allocated by the ITU-R or other radio regulators to the Mobile Service. Spectrum may be reallocated for mobile use. The proposed project will address those allocations.

Motion to Amend 2f carries 11 Votes for, 0 against

Motion 3 Sisso El-Hamamsy, that This standard supports vehicular mobility classes (REF) up to 250Km/H. 2nd Phil Barber

Motion 3 carries by unanimous show of hands

Motion 4 Jori Arrakoski, that the words “point to multipoint” be deleted from the Runcom Scope submittal. 2nd by Reza Arefi

Motion 4 carries by unanimous show of hands

Motion 5 Reza Arefi, that the scope should include language on MAN cell sizes. 2nd George Iritz

Motion 5 carries by unanimous show of hands

Motion 6 Mark Klerer, that that the scope should include language on TDD and FDD solutions. 2nd Reza Arefi

Motion 6 carries by unanimous show of hands

Motion 7 Phil Barber, that the scope and purpose should include language that the air interface is designed to carry IP based traffic. 2nd Gary Jones

Motion 7 carries 20 votes for, 0 against

Motion 8 Reza Arefi, that the scope and purpose should include language that the project is “targeting aggregate channel data rates higher than 20Mbps. Channel data rates shall be scalable with the channel bandwidth. The user data rate may be allocated on a fully flexible and dynamic basis” 2nd Brian Edmunds (?)

Motion 8 carries 13 votes for, 3 against

Below is the final agreed to text for the Section 12 (Scope and Purpose) of the proposed PAR and text to be included in Section 18 (Additional Explanatory Notes)

12. Scope of Proposed Project

This standard specifies the physical and media access control layer of the air interface of interoperable mobile broadband wireless access systems targeting aggregate channel data rates higher than 20Mbps. Channel data rates shall be scalable with the channel bandwidth. The user data rate may be allocated on a fully flexible and adaptive basis . This standard supports cell sizes appropriate to ubiquitous metropolitan-area networks and supports vehicular mobility classes (e.g REF) up to 250 km/h. It applies to systems operating in licensed bands allocated by the ITU-R or other radio regulators to the Mobile Service. Systems may employ either a TDD or an FDD channel structure. The air interface is designed to carry IP based traffic.

Text to be included in Section 18 (Additional Explanatory Notes) of PAR

Spectrum may be reallocated for mobile use. The proposed project will address those allocations.

Adjourn the Meeting

Motion 9 Mark Klerer, to adjourn the meeting. 2nd Brian Kiernan

Motion 9 carries by unanimous voice vote