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**Source: AT&T Wireless Services, Rogers Wireless**

**Title: Concerns about the "IP CN Harmonization Workshop"**

**Document for: Discussion**

**Agenda Item:**

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**ABSTRACT:**

**There should be no identification of Requirements for future work/enhancements at this workshop.**

**We have concerns with the architecture comparison agenda item and the possible introduction of Gap Analysis material from the MWIF website.**

**3GPP should not accept any impacts to Release 5, and should be wary of any delays to subsequent Releases as well.**

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**BACKGROUND:**

"The harmonization workshop is intended to promote work on harmonization of the 3GPP and 3GPP2 IP core networks. This includes the analysis of the differences and commonalities between the current 3GPP and 3GPP2 IP multimedia services, architectures, and protocols. Requirements for long term IP network evolution will also be considered. The workshop will attempt to identify areas ripe for further harmonization work. The output of this workshop may be used by the 3GPP or 3GPP2 to guide future work but is not binding on either organization."

**DISCUSSION:**

AT&T Wireless has concerns with the agenda item, "Requirements for future work/enhancements". It is our belief that the scope of this meeting should be to identify potential opportunities for harmonization, and NOT to develop requirements. Having this agenda item seems to go beyond the scope of the meeting as any requirements on the 3GPP architecture shall be developed by 3GPP and any "requirements" from this workshop are non-binding to 3GPP.

We do NOT want to see this be the first in a series of meetings. Any future meetings need to be carefully thought out to make sure they are in line with present and future 3GPP work plans. It is our opinion that any discussion on future meetings should be postponed since this activity is not endorsed by 3GPP.

As quoted in a recent press announcement by the MWIF (copy attached), *"This workshop is a great opportunity for the members of 3GPP and 3GPP2 to jointly address issues and develop solutions that support mobile operator requirements."* AWS does not endorse the workshop developing solutions, especially when the mobile operator requirements are not being reviewed and approved by 3GPP members nor are these proposed requirements reflective of all members of 3GPP.

Also, AWS has concerns with the architecture comparison agenda item, especially when this information that is discussed is neither reviewed nor endorsed by the 3GPP membership. In reading through the "Gap Analysis" material on the MWIF web site (which was developed prior to this meeting announcement), it seems to indicate an MWIF view that the 3GPP architecture needs to

change dramatically to "harmonize". Neither dramatic architecture changes nor such a harmonization have been discussed or endorsed by 3GPP, and will only result in delays to 3GPP releases. AWS suggests that this particular "gap analysis" should not be endorsed by 3GPP, and is only representative of MWIF and not other 3GPP MRPs.

It was agreed at the last SA meeting (SA#14) that we could not accept any impacts to Release 5. Furthermore, there must not be any agreements that impact the future development and delivery of 3GPP Releases subsequent to Release 5. In addition, AWS strongly supports that any future work or harmonization effort shall build upon the existing 3GPP Release 4/5 GSM/GPRS/IMS architecture, with full consideration of backward compatibility.

As a last point, it was our understanding that this workshop was sponsored by the OHG, but in recent announcements to other groups it was reported that the Harmonization Workshop is being jointly hosted by MWIF and OHG. Has the sponsorship changed and if so, why? What impacts might this have on the conduct and conclusions of the workshop?

### **CONCLUSIONS:**

- **It is our belief that the scope of this meeting should be to identify potential opportunities for harmonization, and NOT to develop requirements nor solutions. Any requirements or solutions for the 3GPP architecture shall be developed by 3GPP and any "requirements" from this workshop are non-binding to 3GPP.**
- **We do NOT want to see this be the first in a series of meetings.**
- **AWS has concerns with the architecture comparison agenda item, and with MWIF views on "Gap Analysis".**
- **3GPP should not accept any impacts to the scheduling of Release 5, or any impact to the future development and delivery of 3GPP Releases subsequent to Release 5.**

## ANNEX

The following is the referenced MWIF Press Release of 19 February 2002:

MWIF AND OHG HOST JOINT IP CORE NETWORK WORKSHOP WITH 3GPP AND 3GPP2

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For Immediate Release

Mobile Wireless Internet Forum (MWIF) And The Operator Harmonization Group (OHG)  
Support Mobile Internet Core Network Harmonization

Cannes, France, February 19, 2002 Committed to driving acceptance and adoption of a single, IP-based, open, mobile wireless Internet architecture that is independent of the access technology, the Mobile Wireless Internet Forum (MWIF) and the Operator Harmonization Group today announced that they are co-hosting a workshop for 3GPP and 3GPP2 members to discuss potential areas of harmonization between the WCDMA and CDMA2000 core network architectures. The workshop will be held in Toronto, Canada on April 3 and 4, 2002.

"The business realities of providing profitable third-generation mobile Internet services requires interoperability in key areas of the WCDMA and CDMA2000 proposed mobile Internet architectures," said Dean Prochaska, Director of Wireless Industry Standards at Sprint PCS, Vice President of MWIF and Vice Chair of the OHG. ***"This workshop is a great opportunity for the members of 3GPP and 3GPP2 to jointly address issues and develop solutions that support mobile operator requirements."***

In addition to co-hosting the event, MWIF and the OHG will be contributing work to the technical meetings. This includes an analysis of mobile operator business requirements and the results of a recent comparison study on mobile Internet architectures.

"This is a key step towards completing the core network harmonization objectives of both MWIF and the OHG," said Vino Vinodrai, Director, Industry Relations & Research at Bell Mobility, and Group Secretary of the OHG. "Both organizations believe that mobile operators and consumers will benefit by merging the core network architectures of WCDMA and CDMA2000 into one single common core network architecture. The benefits include: transparent customer roaming, a broader range of services, a wider variety of customer equipment, and lower infrastructure costs through economies of scale in R&D and manufacturing."

"The evolution of technology standards needs to stay in sync with the realities of our business," said Dean Sirovica, Managing Director of Strategic Technologies at Vodafone R&D and President of MWIF. "MWIF and the OHG are working as catalysts in the globalization of the mobile Internet industry and in the fusion of mobile and Internet worlds."

MWIF and the OHG believe that facilitating and supporting core network harmonization discussions is essential to the rapid development and commercialization of worldwide mobile Internet services.

#### About The Operator Harmonization Group

Founded in 1999, the OHG is an informal steering group of wireless operator companies dedicated to promoting 3G harmonization. The OHG provides operator advice in harmonization areas to the appropriate standardization bodies and other industry organizations. The work of the OHG improves the ability of wireless companies to continue to evolve existing wireless services and networks to meet the needs of the industry and consumers in a more efficient manner while delivering enhanced capabilities at lower costs.

#### About Mobile Wireless Internet Forum

Founded in January 2000, the Mobile Wireless Internet Forum (MWIF) is a nonprofit, international industry consortium whose mission is to drive acceptance and adoption of a single, open, mobile wireless Internet architecture that is independent of the access technology. MWIF and its members publish studies, discoveries and conclusions in technical reports that are made available to the industry. Membership is open to any organization with an interest in promoting the vision of influencing global wireless industry standards that improves interoperability of mobile technologies. Membership information can be found at [www.mwif.org](http://www.mwif.org).

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