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The header features a dark blue background with a glowing green globe and network lines. The WiMAX Forum logo is on the left, and the text 'wiMAX FORUM NEWSLETTER' is on the right.

wiMAX FORUM[®] NEWSLETTER

JULY 2015

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INTRODUCTION

Dear Respected Colleague,

The **WiMAX Forum leadership** continues to attend and participate at very important and well-received **events**.

This month, the WiMAX Forum's major initiative has been around the recent FCC Report and Order on the 3.5 GHz band. The significant operational change for the 3.65 GHz wireless broadband community, critical infrastructure players—and specifically global WiMAX deployments—all require solid guidelines, policies, and industry support to have adequate protection. The **Smart Energy Working Group (SEWG)** members are planning their response to the second FNPRM, and members continue to participate in the Wireless Innovation Forum (WInnForum) Spectrum Access System (SAS) committee to influence the rules that regulate the 3.5 GHz band.

Next month, the WiMAX Forum will continue to push forward hosting and participating in a number of industrial events with the expectation that these markets will continue to increase in value as WiMAX's market share further expands. Here is the summary of upcoming events that we are hosting and participating in the coming months:

- **Wireless China Summit 2015** meeting being held on September 16-17, 2015 at the Crowne Plaza Beijing Sun Palace in Beijing, China. Explore how AeroMACS is able to shape the future of airport operations. The WiMAX Forum will lead panels, presentations and discussions during the AeroMACS Track on September 16, 2015 from 1:45pm to 6:00pm.
- **Broadband World Forum 2015** meeting being held on 20-22 October, 2015 at the ExCeL, in London, UK. WiMAX Forum Chairman Dr. Mo Shakouri will speak on the "Interactive Debate: Where does Public and Free Wi-Fi fit into Operators Strategies?" on October 22, 2015 at 12:40-1:10pm.
- **AeroMACS 2015 - National Harbor** held at ATCA 60th Annual on Tuesday November 3, 2015 at 14:00 at the Gaylord National Resort and Convention Center, 201 Waterfront St, National Harbor. The Seminar will focus on supporting the global Aviation Community in managing profitable developments and growth of their AeroMACS networks.

Look out for more information on **WiMAX Advanced**, **WiGRID**, **AeroMACS**, as well as other **upcoming events** to be announced as of yet. If you have any questions regarding any of this or our organization's activities, please reach out to us. We look forward to hearing from you, and continuing to work with you throughout the year.

We at the WiMAX Forum wish you a great rest of the month and we hope to see you at one of our upcoming events.

Best Regards,

WiMAX Forum

EVENTS

In July, the WiMAX Forum continues to stay busy planning and attending events. We will continue in our efforts to bring you quality events directly hosted by the WiMAX Forum, we will also have a presence and participate at key industry events. The WiMAX Forum team looks forward to seeing you at of these events.

The following is the summary of the upcoming events:



The 20th annual **Middle East Com conference** will take place **on the 14-15 September this year at the Habtoor Grand in Dubai**. With competition intensifying and margins being squeezed, the 2015 conference will identify new avenues for operators to generate revenues. Positioning themselves at the heart of the digital value chain, operators will learn from entrepreneurs and innovators finding success in the digital space.

The WiMAX Forum is proud to be a sponsoring organization. For more information and event registration, please visit **Middle East Com conference**.



The upcoming Wireless China Industry Summit will take place on **September 16-17, 2015 at the Crowne Plaza Beijing Sun Palace in Beijing, P.R.C.** This educational program provides insights about a broad range of critical issues and exciting new developments. At the Wireless China Industry Summit, you and your organization will have a firsthand opportunity to learn more about the latest wireless technologies and their applications in high growth market segments.

The WiMAX Forum will host - AeroMACS Track - at the Wireless China Industry Summit!



Next generation wireless communications is paving the way for airport and aircraft operations to become more efficient, safe and profitable. The second AeroMACS Seminar at Wireless China Summit focuses on a new wave of solutions, services and avionics that offers connectivity for applications at the airport surface. Explore how AeroMACS is able to shape the future of airport operations. The WiMAX Forum will lead panels, presentations and discussions during the **AeroMACS Track on September 16, 2015 from 1:45pm to 6:00pm.**

Increase your presence at the Wireless China Summit and the AeroMACS Track with a sponsorship! This high-profile event offers sponsors a speaking opportunity, exhibition space, and excellent visibility before, during, and after the event. For more information about the sponsorship that best suit your needs, please contact Alessandra Rocha at Alessandra.Rocha@WiMAXForum.org.

Sponsored by:



Supported by:

Office of Radio Regulatory Committee, Civil Aviation Administration of China (CAAC)



Approved and Endorsed by:

Radio Regulatory Bureau, Ministry of Industry & Information Technology (MIIT)

For more information and event registration, please visit [AeroMACS Track at Wireless China Summit 2015](#).



Internet of Things Security 2015 is the first event of its kind to focus on the security issues surrounding IoT and managing the information and data associated with the ever increasing amount of connected devices and appliances. It will take place **on September 22-23, 2015 in Boston Renaissance Waterfront, Boston**. Attracting decision makers, stakeholders and investors together under roof, Internet of Things Security boasts a C-Level executive speaker line-up with interactive round table sessions, case studies and networking breaks designed to instigate discussion and enabling business opportunities.

The WiMAX Forum is proud to be a sponsoring organization. For more information and event registration, please visit [Internet of Things Security 2015](#).



Broadband World Forum 2015, 20-22 October 2015, ExCeL, London, UK is one of the world's largest telecoms, media & technology events with over 7,800 senior executives from across the globe converging on Amsterdam every year to identify the Next Big Thing.

With just under 8,000 attendees from fixed, mobile and cable operators, OTTs and other market disruptors, national and international governments and the world's leading solution providers, BBWF is an exciting place to meet the entire industry under one roof and identify the latest in network innovation, service optimization and customer monetization.

The WiMAX Forum is proud to be a supporting organization and will be at Broadband World Forum 2015!

Come see Dr. Mo Shakouri, WiMAX Forum Chairman, chair the "Interactive Debate: Where does Public and Free Wi-Fi fit into Operators Strategies?" on October 22, 2015 at 12:40-1:10pm.

For more information and event registration, please visit [Broadband World Forum 2015](#).



AerOMACS 2015 - National Harbor will be held at **ATCA 60th Annual** on **Tuesday November 3, 2015 at 14:00 at Gaylord National Resort and Convention Center**, 201 Waterfront St, National Harbor, MD 20745 - Washington, DC area.

AeroMACS 2015 - National Harbor is a seminar for all participants to meet, exchange ideas, and develop business and cooperative relationships. The event will highlight the opportunities, challenges, and strategies involved in operating efficient AeroMACS networks. This seminar is constructed to allow the global Aviation Community to network, share key lessons, and collaborate for the benefit of the industry. Our goal is for attending participants to gain concrete knowledge that will help them build best-in-class AeroMACS networks.

For more information and event registration, please visit [AeroMACS 2015 - National Harbor](#).

Sponsorship Opportunities: Increase your presence at the WiMAX Forum events through a sponsorship! Our high-profile events offer sponsors excellent visibility before, during and after the event. For more information about which event sponsorship may best suit your needs, please contact Alessandra Rocha at Alessandra.Rocha@WiMAXForum.org.

The WiMAX Forum plans to host and participate in other events over the course of 2015. As details concerning these events are finalized, we will be certain to keep you informed. **For more information about our events, please visit: [WiMAX Forum Events](#).**

INDUSTRY SPOTLIGHT

• **The WiMAX Forum Special Program for the 3.5 GHz Society**

Demands of New Guidelines and Ecosystem

A new global trend for the 3.5 GHz band is emerging due to the recent FCC Report and Order opening up 150 MHz for shared access in the 3550-3700 MHz band to wireless broadband service providers, industrial users, and other federal/non-federal users. This is a significant operational change for the 3.5 GHz wireless broadband community, critical infrastructure players, and specifically WiMAX deployments, which demand solid guidelines, policies, and industry support to have adequate protection.

The WiMAX Forum Smart Energy Working Group (SEWG) has been closely monitoring this activity and is working closely with ecosystem players to develop such guidelines so 3.5 GHz users can continue to leverage this band. SEWG's daily interactions with the FCC and other rule makers have perfectly positioned SEWG at the heart of the 3.5 GHz band policy-making debate and Spectrum Access System (SAS) development.

For additional information, please click [here](#).

MEMBERSHIP SERVICES

The WiMAX Forum is committed to delivering the value necessary for our members to get the most of their association with the WiMAX Forum, and we are always happy to engage with individual members

to discuss how the WiMAX Forum can better serve its membership. **WiMAX Forum Membership** provides a wide range of benefits and services that allows WiMAX Service providers to grow their networks and the vendor community to sell more equipment and services.

If you are interested in speaking with our leadership team on our specific initiatives or have questions regarding WiMAX Forum Membership, please send a message to Membership@wimaxforum.org.

The WiMAX Forum is the best place for our members to access, leverage, and influence the growth and development of the WiMAX industry. So be a leader in WiMAX and step up to get involved today!

WORKING GROUPS

The **WiMAX Forum Working Groups** focus on three key initiatives: **AeroMACS**, **Smart Energy** and **WiMAX Advanced**.

The Aviation Working Group (AWG) and its task groups are making great strides on our key projects: AeroMACS Certification, AeroMACS PKI, and FCC Service Policy Petition. The Certification Task Group has finalized IOT Use Case Scenarios for a Multivendor Interoperability Demonstration Event (MIDE) to be held on September 7-11 at **Powertech Labs** and beginning to develop Radio Conformance Tests for AeroMACS Certification Wave 1 to be available in late Fall 2015 at Powertech Labs, our accredited AeroMACS Designated Certification Lab (ADCL). AeroMACS Certification Wave 2 will be available in 2016. The PKI task group is developing a draft Certificate Profile and Policy document that can serve as a guideline to the groups in the industry that are developing related requirements. After initial testing of X.509 certificate applications based on the Current WiMAX PKI Program, **Symantec** will be offering a Proof Of Concept for our members deploying AeroMACS Trial Networks. Additionally, the PKI Task Group is presenting their PKI Certificate Policy Considerations as a working paper to **ICAO** Working Group S.

After receiving and analyzing the FCC's adoption of its Report and Order for its initial **FCC FNPRM** regarding the 3.5 GHz band, the Smart Energy Working Group (SEWG) members are planning their response to the second FNPRM, and members continue to participate in the Wireless Innovation Forum (WInnForum) Spectrum Access System (SAS) committee to influence the rules that regulate the 3.5 GHz band. Collaborating with API, Ameren, CenterPoint Energy Houston Electric, Exelon, and UTC, the WiMAX Forum continues to investigate other smart grid spectrum alternatives such as the 700MHz band with 1MHz channels and pursue the interests of the Smart Grid industry. For narrowband applications, the WiMAX Forum has surveyed utilities to further analyze the addressable market for this and other sub 1GHz spectrum.

The WiMAX Forum **Working Groups** are the key to the development of WiMAX technology. Working Groups are chartered by the WiMAX Forum to bring together content experts from member companies to contribute to and harmonize documents and specifications and perform other tasks that the WiMAX Forum has determined to be necessary or useful. Members of the forum have the opportunity to participate as officers of working groups when there are vacancies and to vote on working group output.

The WiMAX Forum organizes its technical activities through a number of Working Groups that produce technical requirements, develop technical specifications, or advise the forum. These groups are coordinated by the Technical Steering Committee. The WiMAX Forum Working Groups include:

- **SPWG** - Service Provider Working Group - *Requirements & WiMAX Advanced Initiative*
- **SEWG** - Smart Energy Working Group - *Requirements & WiGRID Initiative*
- **AWG** - Aviation Working Group - *Procedures, Profiles & AeroMACS Initiative*
- **TWG** - Technical Working Group - *Technical*
 - **CTG** - Certification Task Group - *Technical*
 - **NTG** - Network Task Group - *Technical*
- **GRWG** - Global Roaming Working Group - *Advisory*
- **RWG** - Regulatory Working Group - *Advisory*

If you are not a member of a Working Group yet, you can request to join on the group's [Home Page](#). You can learn more about the Working Group activities by visiting the member's area in Kavi and viewing the outcome of recent Working Group sessions or joining groups to receive emails related to that group's activities. Working Group activity is integral to the success of the Forum.

Your participation is important to the WiMAX community!

Now is the time to get involved. With activities gaining serious momentum, it is a crucial time and a great opportunity to influence and leverage these activities. If you or your company is interested in participation in our [Working Groups](#) or a leadership role, please contact the TSC Chair Rich Hawkins at Rich.Hawkins@WiMAXForum.org. To find more information on our Working Groups, please visit: www.wimaxforum.org/about/working-groups.

WiMAX FORUM NEWS

The WiMAX Forum weekly Newsbrief contains the summary of news from around the WiMAX ecosystem and is intended as a benefit to our community. If you do not yet receive the Newsbrief and wish to do so, please sign up here: [WiMAX Newsbrief](#).

Below is a summary for the month of July:

- [WiMAX Forum to Host AeroMACS Conference at Wireless China Industry Summit](#)
- [French broadband commission enhances coverage map](#)
- [Broadband World Forum in October with WiMAX Forum Support and Participation](#)
- [FAA Awards ATCorp a SE2025 System Engineering Small Business Contract](#)
- [NextGen and Air Traffic Organization Reform: Getting It Right](#)
- [BTRC asked to consult Joy over spectrum auction](#)
- [TTK expands WiMAX services to Tobolsk](#)
- [NextGen Now: ALPA Perspective](#)

- **Zimbabwe: E-Learning Spurs Education Boom**
- **Boeing's New Middle East Chief Sees Strength in Region**
- **Sequans Communications S.A. (NYSE:SQNS) a Top Growth Pick**
- **Broadband World Forum 2015**
- **Romania proposes €12.58m reserve on 3.4 GHz-3.8 GHz spectrum**
- **5 Ways NextGen is Reducing Flight Times**
- **NATCA Bookshelf NextGen Now: Volume 1 - Issue 4**
- **Nextera Communications Celebrates 10 Year Anniversary as Leader in Minnesota Voice, Internet and Data Business Services**
- **NigeriaCom 2015**
- **Cuiabá in Brazil is National Success in the IT Field**
- **Tiscali to merge with WiMAX operator Aria**
- **WRC-07 Implementation Report and Order and WRC-12 Order – Final Rule**
- **Towerstream deploying NLOS backhaul, eyeing 3.5 GHz band**
- **Megafon offers WiMAX in remote resorts in Astrakhan**
- **Nearly Halfway to Meeting Spectrum Target**
- **Lawmakers Delay Action on FAA Reauthorization Bill**
- **SWIM Interactive Developer Workshop at the NextGen Test Bed in Daytona Beach, FL**
- **Aviat Networks Upgraded to Buy by Zacks (AVNW)**
- **Accenture, Cisco and others form wireless IoT standards group**
- **AeroMACS 2015 - National Harbor at ATCA 60th Annual**
- **NordNet launches WiMAX in Auvergne**
- **FCC rules for commercial use of 150 megahertz in the 3550-3700 MHz (3.5 GHz) band comment period ends on August 31, 2015**
- **NextGen 101 Seminar**
- **Notice of Proposed Rulemaking (WRC-12 NPRM) comment period ends on September 30, 2015**
- **Megafon wins contract at Oreltranssignal**
- **Fixed phone lines increase 5.9 per cent in May**
- **Angola Telecom to improve ADSL, WiMAX services**
- **Regulators Scuttle \$3B Merger Of Iberdrola, UIL Holdings**
- **AC/DC: The distribution threat utilities should take notice of**
- **Public Notice Regarding Requirements for some 3550-3700 MHz Licensees**
- **NTIA Releases Technical Report on 3.5 GHz Sharing**
- **Metrics, Industry Collaboration Key to NextGen Ramp Up**
- **FAA and EU Sign LOI to Harmonize NextGen, SESAR**

- **AeroMACS Track at Wireless China Summit 2015**
- **Airlines Dodge the Taxman While Begging for a Handout**
- **Avionics for NextGen (ANG) 2015 Conference**
- **TTK launches WiMAX network in Kemerovo**
- **June 2015 WiMAX Forum Monthly Newsletter**



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