



Regional Wireless Cooperative
 Board of Directors
 Agenda
 May 25, 2017
 10:00 a.m. – 11:30 a.m.

	ITEM	PRESENTER
1)	Call to Order, Roll Call, Opening Comments	Chair Hartig Scottsdale
2)	Call to the Public A member of the public may request to address the Board by submitting a blue card that is available at the entry of the room. Speakers will be considered at the sole discretion of the Board Chairman, and will be allotted no more than three (3) minutes to speak.	Chair Hartig Scottsdale
3)	Approval of RWC Board Meeting Minutes from March 23, 2017 Meeting This item is for information, discussion and action.	Chair Hartig Scottsdale Est. 2 min.
4)	Approval of Election of Board Chair and Vice Chair Procedure The purpose of this item is to request Board approval of the Election of Board Chair and Vice Chair Procedure. This item is for information, discussion and action.	Chair Hartig Scottsdale David Felix – RWC Executive Director Est. 5 min.
5)	2017 Fort McDowell Yavapai Nation Grant Application The purpose of this item is for the RWC to seek approval to receive and disperse funds from the 2017 Fort McDowell Yavapai Nation Grant application. This item is for information, discussion and action.	Mr. David Felix – RWC Executive Director Est. 5 min



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6)	<p>RWC Secure Website Discuss the developing RWC Secure Website. This item is for information, discussion and action.</p>	<p>Dave Clarke – RWC Administrative Aide</p> <p>Est. 5 min.</p>
7)	<p>Long Term Microwave Maintenance and Upgrades Discuss the long term microwave maintenance and upgrades. This item is for information only.</p>	<p>Mr. David Felix – RWC Executive Director</p> <p>Est. 5 min</p>
8)	<p>FirstNet Update Latest developments of the First Responder Network Authority (FirstNet). This item is for information only.</p>	<p>Dave Faulkner</p> <p>Est. 10 min.</p>
9)	<p>Executive Director's Report A. Project Updates: 1. Paradise Valley 2. Pyramid Peak Site B. Accountant Outreach and Updated Reporting Processes C. UASI Grant Update The purpose of this item is to update the Board. This item is for information and discussion.</p>	<p>Mr. David Felix – RWC Executive Director</p> <p>Est. 10 min.</p>
10)	<p>Announcements & Future Agenda Items The purpose of this item is to communicate any Board announcements or future agenda items. The next meeting is on July 27, 2017 from 10:00 – 11:30. This item is for information only.</p>	<p>Chair Hartig Scottsdale</p>



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11)	Adjourn	Chair Hartig Scottsdale
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Board of Directors 2017 Meeting Schedule

<u>Date</u>	<u>Location</u>
Thursday, July 27 10:00 – 11:30	Maricopa Association of Governments (MAG) 302 North 1st Avenue, 2nd Floor Phoenix, AZ 85003 Ironwood Room
Thursday, September 28 10:00 – 11:30	Maricopa Association of Governments (MAG) 302 North 1st Avenue, 2nd Floor Phoenix, AZ 85003 Ironwood Room
Thursday, November 16 10:00 – 11:30	Maricopa Association of Governments (MAG) 302 North 1st Avenue, 2nd Floor Phoenix, AZ 85003 Saguaro Room



BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	May 25, 2017
FROM:	David Felix, RWC Executive Director		Item 4
SUBJECT:	Election of a New Board Chair and Vice-Chair		

BACKGROUND

In accordance with the RWC Governance, Section 3.2.1.2.1, Chair and Vice-Chair, “The Board of Directors shall elect one of its Members as the Chair.” This Section further states that, “The Chair shall serve a two-year term. No Member shall serve two consecutive terms as Chair.”

THE ISSUE

Chair Hartig is completing his two-year term as RWC Board Chair which requires the Board of Directors (Board) to elect a new Chair to serve a two-year term. At the March 23, 2017 Board meeting, Vice-Chair Johnson appointed a three-person committee to review potential candidates and to place names into nomination for Chair and Vice-chair to the full Board of Directors for election at the May Board meeting.

RECOMMENDATION

The RWC Executive Committee has reviewed the nomination process and recommends approval of the Nomination Committee’s nominees; and recommends that the Board proceed with the election. The following Board Members are nominated for election:

Danny Johnson, Daisy Mountain Fire District, to remain as Vice-Chair

John Imig, City of Peoria, for Board Chair or Vice-Chair

Milton Dohoney, City of Phoenix, for Board Chair or Vice-Chair

This agenda item is for information, discussion and action.



BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	May 25, 2017
FROM:	David Felix, RWC Executive Director	Item 5	
SUBJECT:	2017 FORT MCDOWELL YAVAPAI NATION GRANT APPLICATION		

BACKGROUND

RWC Governance, Section 4.2.3; Grants, outlines the process for acceptance and use of grant funds applied for and administered by the RWC. This Section requires RWC Board approval for grant funds acquired on behalf of the RWC. Recently, a 2017 Fort McDowell Yavapai Nation Grant opportunity was brought to the attention of the RWC staff with a very short application submission deadline.

ISSUE

Project title: RWC Real Time Spectrum Monitoring Project
 Amount requested: \$134,000
 Performance period: 2017/2018
 Deadline for application: Monday, May 1, 2017

This project will develop an advanced capability in the Phoenix metropolitan region to monitor the overall health of RWC or other wireless spectrum, identify potential interference, locate the source of interference, and mitigate the interferer. This capability would be extremely valuable to ensure public safety or other commercial radio spectrum is protected during its use including cell phones, cellular modems used in public safety vehicles, P-25 radio systems, GPS, Wi-Fi, and Bluetooth capabilities.

Documented incidents of individuals deploying illegal radio spectrum jamming devices makes this issue a real threat to public safety. These devices are readily accessible and inexpensive through foreign manufacturers. Typical threats may involve disrupting radio communications during major planned events, emergencies or even routine responses for service.

This project requires the purchase and deployment of three (3) devices which will be located at strategically located, wide area communications sites; providing monitoring coverage for most of the Valley. Also, these devices will leverage existing capabilities in use by the Phoenix Police Department and RWC technical staff used to identify and mitigate harmful interference.

This grant benefits not only the RWC but also the Indian Nations and other public safety agencies throughout the area.

This application opportunity was brought to the attention of the RWC staff in April, one month before the May RWC Board Meeting. The plan was to insure the RWC was competitive for the funding while seeking formal approval from the RWC Board of Directors at the May meeting. Additionally, documentation will be completed for City of Phoenix Council approval to disburse funding should the grant be awarded to the RWC.

The one-year project performance period will allow technical staff to assess the effectiveness and utility of this capability. If determined to be effective and valuable, on-going UASI funding will be sought to extend its operation.

This technical aspect of the project has been reviewed and approved by the RWC Operations Working Group (OWG).

RECOMMENDATION

The RWC Executive Committee recommends approval of the grant application and authority to administer the funds if awarded.



BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	May 25, 2017
FROM:	David Clarke, RWC Administrative Aide		Item 6
SUBJECT:	RWC SECURE WEBSITE		

BACKGROUND

Members of the RWC Operations Working Group (OWG) have requested a secure, central online location to store and share sensitive documents for collaboration, such as encryption protocols and communication plans, as well as a method to schedule the use of interoperability talkgroups.

The members are currently sharing documents via email. This is not as secure as would be ideal, and leads to confusion about which version of a document is current and who has it. Interoperability talkgroups are currently being scheduled via a Google calendar. Unintentional overbooking cannot be prevented with this method and accessibility to this calendar is difficult to manage, leading to some events being improperly scheduled by users who do not understand the proper protocol for appropriate use of interoperability.

THE ISSUE

The City of Phoenix is able to provide a secure document sharing area, accessible to all members of the OWG, at no cost to the Cooperative. This resource has been established and now being utilized by the members. However, Phoenix is not equipped to create a secure scheduling resource.

Third party secure scheduling resources are being evaluated to meet this need. This will come at a per user, per month cost. The preliminary estimate is that this service will be made available to fifty (50) OWG members or other authorized employees of RWC members, at a cost of between \$6 and \$20 per month. This will require an annual budget allocation of between \$3,600 and \$12,000.

There are already funds in the current RWC budget that can be reallocated for this purpose to fund this service for fiscal year 2017/2018 without seeking additional funding. This will be proposed as an individual item in future budgets.

RECOMMENDATION

The RWC Executive Committee recommends RWC Board of Directors authorization to reallocate funds for the purpose described above.

This item is for information, discussion, and possible action.



BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	May 25, 2017
FROM:	David Felix, RWC Executive Director		Item 7
SUBJECT:	LONG TERM MICROWAVE MAINTENANCE AND UPGRADES		

BACKGROUND

The RWC microwave network provides vital connectivity between various sites, dispatch centers and the RWC regional operations center. Additionally, in some cases the network also provides connectivity for other wireless or data services for Member agencies.

ISSUE

Like other equipment and infrastructure which supports the RWC, microwave radios, antennas and support devices require regular maintenance and upgrades. RWC administrative and technical staff, in cooperation with other Members and Motorola Solutions, are developing a short and long-term plan to support the microwave network.

Chairman Hartig and Executive Director will brief the Board on this need and process.

RECOMMENDATION

This agenda item is for information and discussion.



BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	May 25, 2017
FROM:	David Felix, RWC Executive Director		Item 8
SUBJECT:	FIRSTNET UPDATE		

BACKGROUND

The Nationwide Public Safety Broadband Network (NPSBN) will provide a dedicated wireless data network that police officers, firefighters, and paramedics will be able to access during emergencies and to meet their everyday missions. In addition, secondary users will be identified to utilize the network to support public safety. The First Responder Network Authority (FirstNet) has been tasked with building the NPSBN to provide seamless data interoperability across federal, tribal, state and local Public Safety Agencies. Once built out, the NPSBN will be run and maintained by FirstNet as a self-supporting, fee-based network.

THE ISSUE

Mr. Dave Faulkner is the regional lead for Arizona, Nevada and California for FirstNet's consultation group. His duties include interacting with, and representing the interests of police and fire chiefs during the development and delivery of the national FirstNet data network.

Mr. Faulkner is a retired commander with the Phoenix Police Department. He will brief the Board on the latest developments and next steps with FirstNet.

RECOMMENDATION

This item is for information and discussion.



BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	May 25, 2017
FROM:	David Felix, RWC Executive Director		Item 9
SUBJECT:	EXECUTIVE DIRECTOR'S REPORT		

BACKGROUND

The Executive Director will provide an update to the Board of Directors regarding the following issues:

- A. Project Updates
 - 1. Paradise Valley
 - 2. Pyramid Peak Site
- B. Accountant Outreach and Updated Reporting Processes
- C. UASI Grant Update

RECOMMENDATION

This agenda item is for information and discussion.