

**NOTICE/AGENDA OF PUBLIC MEETING
PIMA COUNTY WIRELESS INTEGRATED NETWORK
BOARD OF DIRECTORS MEETING
FEBRUARY 26, 2015**

Pursuant to A.R.S. § 38-431.02, notice is hereby given to the members of the **PIMA COUNTY WIRELESS INTEGRATED NETWORK (PCWIN) BOARD OF DIRECTORS** and to the general public that the Board of Directors will hold a meeting on **Thursday, February, 26, 2015 beginning at 9:00 a.m.** The meeting will be held at the Pima Emergency Communications Operations Center (PECOC), 3434 E. 22nd Street, Tucson, Arizona.

The Pima Communications & Operations Center endeavors to ensure all persons with disabilities accessibility to meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Nicole Burdette at (520) 724-9320. Requests should be made as early as possible to allow time to arrange the accommodation.

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| I. CALL TO ORDER AND ROLL CALL | Chairman |
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| II. APPROVAL OF MINUTE SUMMARY | Chairman
Motion |
| <p>Review, discussion, and approval of the Minute Summary from the December 4, 2014 Board Meeting and December 9, 2014 Joint Session Special Meeting.</p> | |
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| III. SPECIAL REVENUE FUND UPDATE | John Voorhees
Info & Direction to Staff |
| <p>The Executive Director will brief the Board on Period 7 of the FY 14-15 Special Revenue Budget.</p> | |
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| IV. POST WARRANTY SERVICES CONTRACT AMENDMENT (MOTOROLA) | John Voorhees
Information |
| <p>The Executive Director will provide an update on Pima County Board of Supervisors' approval of the contract amendment.</p> | |
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| V. PCWIN BOND EXPENDITURE UPDATE | John Voorhees
Information |
| <p>The Executive Director will provide an update on PCWIN Bond Expenditures.</p> | |
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| VI. OWG & TWG UPDATES | Matt Fenton/Rick Brown
Info & Direction to Staff |
| <p>The Chairs of the OWG and TWG will brief the Board on the progress of their respective group.</p> | |
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| VII. AGENCY HANDBOOK UPDATE | John Voorhees
Info & Possible Action |
| <p>The Executive Director will brief the Board and seek approval for new policies.</p> | |

VIII. PCWIN STATUS UPDATE

Rick Brown
Info & Direction to Staff

The PCWIN Wireless Services Manager will update the Board on pertinent network activities.

IX. EXECUTIVE COMMITTEE NEW CHAIR

John Voorhees
Information

The Executive Director will update the Board on the election for the new Executive Committee Chair.

X. THOMAS O. PRICE SERVICE CENTER

Mike Garcia
Information

Chief Garcia will brief the Board on progress at the Thomas O. Price Service Center.

XI. NEW BUSINESS – ITEMS FOR FUTURE BOD AGENDAS

John Voorhees
Info & Direction to Staff

Members may propose agenda items for future Board of Directors' Meetings.

XII. CALL TO THE PUBLIC

Board
Info & Direction to Staff

Those wishing to address the Board need not request permission in advance. Action taken as a result of public comment will be limited to directing staff to study the matter or rescheduling the matter for further consideration and decision at a later date.

XIII. DATE/TIME/LOCATION OF PROPOSED BOARD OF DIRECTORS' MEETINGS

Board
Info & Direction to Staff

The next Board of Directors' Meeting has been scheduled for **Thursday, May 28, 2015**. The meeting will begin at **9:00 a.m.**, and held at the Pima Emergency Communications Operations Center, 3434 E. 22nd Street, Tucson, AZ, Conference Room 308.

XIV. ADJOURNMENT

Motion

A copy of the agenda background material provided to the Board of Directors is available for public inspection at the PCWIN Administrative Office, Pima Emergency Communications & Operations Center or call (520) 724-9320.

**PIMA COUNTY WIRELESS INTEGRATED NETWORK
(PCWIN)
BOARD OF DIRECTORS MEETING**

Pima Emergency Communications Operations Center
3434 E. 22nd Street
Thursday, December 4, 2014

SUMMARY OF MEETING

I. CALL TO ORDER AND ROLL CALL

Chief Sharp calls the meeting to order at 10:15 am and roll call is executed.

Members Present

Chief Daniel Sharp, Oro Valley Police Department (Chair)
Chief Doug Chappell, Drexel Heights Fire Dept. (Vice Chair)
City of Tucson Representative, Kelly Gottschalk
Corona de Tucson Fire Dept., Chief Andy Watson
Golder Ranch Fire District, Chief Randy Karrer
Mountain Vista Fire District, Chief Ed Wilkerson
Northwest Fire District, Paul Wright
Pascua Yaqui Tribe, Chief Andre Matus
PCWIN Executive Director, John Voorhees (Non-Voting)
Pima County Representative, Jan Leshner
Rincon Valley Fire District, Chief Jayme Kahle
Sahuarita Police Dept., Chief Kaleb Allred
University of Arizona Police Dept., Chief Keith Brittain

Members Absent

Avra Valley Fire District
City of South Tucson
Green Valley Fire District
Picture Rocks Fire District
Pima Community College DPS
Sabino Vista Fire District
Tanque Verde Valley Fire District
Three Points Fire District
Tucson Country Club Estates Fire District

Participating Attendees:

Rick Brown, PCWIN Wireless
Steve Campbell, Chairman of the Operations Working Group

II. APPROVAL OF MEETING SUMMARY

The Chairman calls for comments on the October 23, 2014 Board Meeting Summary. It is moved by Chief Sharp, seconded by Chief Chappell and unanimously carried to approve the Minute Summary.

III. PCWIN PERSONNEL CHANGES

Mr. Voorhees announces the retirement of Ms. Castro and introduces Ms. Nicole Burdette as her replacement. Ms. Burdette comes to PCWIN from the Pima County Department of Transportation and has been involved with the Operations Working Group. A copy of Ms. Castro's resignation letter and a letter from the County Administrator approving the appointment of Ms. Burdette has been included in the review material sent to the Board Members. The Members welcome Ms. Burdette.

IV. FY 13-14 SPECIAL REVENUE FUND

Mr. Voorhees briefs the Board on the wrap up of the FY13-14 budget year and distributes a copy of the 2014 Office of Emergency Management's Radio System Special Revenue Fund Report to the Members. He notes that the report was compiled by the Pima County Finance Department and an independent auditor and covers PCWIN's progress from inception to date. The report is rather unremarkable and an electronic copy will be posted on the PCWIN website when it is received. The members are invited to contact him with any comments or questions.

V. FY 14-15 SPECIAL REVENUE FUND REPORT

Mr. Voorhees reports on Period 4, ending October 31, 2014, of the FY 14-15 budget. It appears that the budget is under spent at present based on progress and what was anticipated for FY14-15, approximately 20 to 25% spend rate versus 50% which was originally estimated at this time of year for operating expenses. Continuing to progress at this rate could increase chances for not raising subscriber rates next year.

VI. POST WARRANTY SERVICES CONTRACT AMENDMENT (MOTOROLA)

Mr. Voorhees reports that the Executive Committee recommended earlier today that rather than voting on this item, a special executive session/emergency meeting be scheduled in the near future to allow Board Members to have sufficient time to review the entire document. Chief Sharp requests that Mr. Voorhees also address the time sensitivity issue associated with the approval of this contract amendment. Mr. Voorhees explains the need to expedite the approval of the amendment before the end of the calendar year in order to take advantage of the significant discount offered by Motorola. He notes that in event of Board approval, this item has also been scheduled on the Board of Supervisors Meeting agenda for December 16, 2014 to facilitate their approval of the contract as well. The item can be removed from their agenda in the event that Board of Directors does not approve the amendment. He states that should the Board of Directors decide to approve a special meeting, he will take care of the arrangements and notifications. Mr. Voorhees provides an overview of some of the more critical components of the agreement:

Service Upgrade Agreement - Amendment No. 6 - Mr. Voorhees

- This amendment to the original contract with Motorola is for 20 years of service at a cost of \$20M for the contract period, and represents an approximate net increase to the total contract value of approximately \$8M. The original contract was executed for a 5 year term with three 5 year renewable terms and a host of a la carte services to accept or decline.
- The amendment reduces the amount of services but extends the life of the post warranty services and now offers a more robust approach with emphasis on life cycle maintenance of the system. It also provides for 5 years of service, with three 5 year options that result in continuous maintenance for 20 years terminating in 2035. There are also provisions for both parties to opt out of the contract if decided.
- Some of the previous post warranty services were extracted, but the NICE Audio Login Recording system support/crisis line were retained.
- The amendment, which includes a System Upgrade Agreement 2 (SUA II), provides that upon expiration of the initial system warranty, Motorola staff will be deployed and work with Wireless staff from the County and the City to provide bi-annual updates of the most current software version and any associated changes to hardware, malware, adaptation to new technology and third party software, etc.
- Motorola has committed to support the current software in the in the foreseeable future and providing maintenance for the life and maximum preservation of the system.
- The agreement does not cover non-Motorola products, or Motorola products purchased from third party vendors.

- Primary benefits of the SUA II include cost stability, currency and flexibility for the PCWIN system. Not selecting this option would mean facing higher costs and major disturbance of the system to facilitate upgrading to the latest versions 5 years from prior to the most current updates to be purchased and installed.
- Optional system upgrades can be purchased if desired as well.
- The Motorola team will also audit the system equipment to determine what needs to be upgraded or replaced and will develop the plan for implementation of same and will coordinate installation with the managing member team.
- More detailed information on the statement of work is contained in the document that will be forwarded to the Members today.

Discussion

Chief Sharp acknowledges the need for the special meeting. Chief Kahle asks if approval of the amendment will necessitate additional manpower or will it remain the same. Mr. Voorhees states that approval of this amendment will not require additional local manpower, but will require appropriate Motorola staff to accommodate the provisions of the required system maintenance and system upgrades. Much like the previous implementations plans, Motorola staff will also work in conjunction with the County and City Wireless staff.

Mr. Wright expresses concern over Motorola's deadline to be met to obtain the discount; the transparency for the public on the confidential components of the agreement; and asks what will happen if a decision is made to switch from a TDM to an IPL format on the back end and how that it impacts the SUA. Mr. Voorhees responds that implementation of any major system changes at PCWIN's request would have to be made at PCWIN's expense. Mr. Casella explains the reasons why he believes that based on previous research during the design of the system, it is relatively safe to assume that there will be longevity and notes that switching to an IPL platform would not impact this maintenance agreement.

Ms. Gottschalk inquires about the discounts for the execution of the document and asks about the amount of savings. Mr. Voorhees responds that the LMR, NICE Audio Login and the SUA were bundled into one package. Although he does not have the specific numbers at hand, he believes that execution of the agreement will result in approximately \$2M of savings.

Ms. Hemmen provides a brief overview of the contract negotiations including efforts to comply with the bond language and Motorola's decision to commit to providing maintenance for 20 years versus their standard maximum 10 year practice. She discusses the potential dangers and costs of not executing the SUA – specifically those involved in bringing major systems up to current software versions down the line.

Motion: With no further discussion Chief Sharp requests that Mr. Voorhees proceed with the special meeting notice and agenda. It is moved by Ms. Gottschalk, seconded by Mr. Wright and unanimously approved that the Executive Director proceed with facilitating the scheduling and noticing of a special/emergency meeting.

VII. FY 15-16 SPECAIL REVENUE FUND BUDGET PROPOSED BUDGET

Mr. Voorhees advises that it was proposed by Executive Committee Members that he prepare a few different scenarios for expenses associated with the special revenue fund relative to the annual user fees: Using a fictional user organization with one hundred radios, three options were developed. The overall cost for all three options result in the same bottom line at the end of the 5 years. Included in the analysis were expenses and revenues as well as the bottom line cash balance after reserves and after all obligations have been met at right at the pre-agreed cash balance of \$100K balance after 12.5% reserve set-aside.

Option 1: Raises rates from \$31 to \$34 for 15/16 and graduates up \$1 per year until it levels off at \$38 per unit per month. This would front loads cash balance in the beginning and remains at \$150K and would eventually level off at the 5 year point with expenses including the SUA II.

Option 2: Raises rates from \$31 to \$33, jumping \$2 each year until it reaches \$38 per unit per month. This presents a more graduated approach at the beginning with a moderate escalation which results in a cash balance this not as heavily loaded up front and eventually levels off at the end of the 5 years.

Option 3: Raises rates from \$31 to \$32 and then increases significantly during the 2016 and 2017 to \$37 or \$38 per unit per month.

Motion: It is moved by Chief Chappell and seconded by Chief Sharp that Option 1 be selected for inclusion in the adoption of the FY15-16 budget without the inclusion of the service agreement at this time. Ms. Gottschalk comments that the City of Tucson has had numerous other financial challenges to deal with including the conclusion of numerous grants as well as pension payouts. Consequently, she prefers that Option 2 or 3 be selected to allow more time for budgeting purposes. Chief Kahle states that he would prefer Option 2 as well. A friendly amendment is offered by Ms. Gottschalk and Chief Kahle to amend the motion to select Option 2 for the subscriber rate increases. Chief Chappell accepts the friendly amendment and the motion passes unanimously.

VIII. OWG & TWG Reports

Mr. Voorhees asks the Chairs of the OWG and TWG to give their respective reports.

OWG Update - Steve Campbell

- The group continues to meet on a monthly basis
- Three applications for membership were reviewed - one was an update and the other two are new applications. Mr. Voorhees will discuss these in more detail during his presentation of same.
- The Fleet Map Subcommittee has been meeting with a primary focus on rebanding and the associated changes to the fleet maps during that time.
- The Subcommittee was also tasked by Mr. Voorhees and the TWG to review in building coverage concerns within Pima County and the group was asked to assist in prioritizing those requests. The top ten priorities list will be forwarded to Wireless Services for their initial review.
- One new policy has reviewed and there are several more that will be forthcoming shortly.
- The group is also in the process of reviewing and discussing updates for the TICP. This document will be reviewed by the user agencies and their input incorporated into same.

TWG Update – Rick Brown

- TWG met on November 4, 2014
- The group reviewed the input from the OWG regarding prioritization of in building coverage issues and the next step will be conducting site walks and developing cost estimates to remediate those 10 issues. The results of these efforts will be reported back to the TWG in the future.
- A number of these facilities have previously been recognized as having BDAs, some of which may be covered by the rebanding funding.
- Procedure (Volume II) 204-L pertaining to Managing Radio Amplification Systems, was reviewed and approved by both technical working groups and should be ready for publication and posting to the PCWIN website in the near future.
- The group has been working on drafting on policies and procedures pertaining radio and console identification with Pima County and the City of Tucson.
- Work continues with the COT (the other maintenance provider) to work on the development of new technical control procedures, 24-7 monitoring and to improve and/or refine what is already in place. This will be an ongoing process in the future between the two agencies.

IX. AGENCY HANDBOOK UPDATE

Mr. Voorhees advises that in addition to the reports from the Chairs of the technical working groups, several approved procedures and forms have been posted to the PCWIN website. He states the only

thing preventing the radio amplification procedure from being posted is the creation of the accompanying policy which should be ready for presentation to the Board in the near future. The policy draft has been forwarded to the OWG for their review of content pertaining to filing and compliance with FCC regulations. He also notes with the magnitude of the upcoming projects involving system maintenance, system upgrades, rebanding, etc., there will be a "lull" for 9 months or longer in policy and procedure development to allow the technical staff to focus on project implementation and management. This should not pose any significant problems as most of the priorities relative to the operations of the cooperative have already been addressed. Both groups, however, will continue working on developing and improving internal communication/coordination components required for system maintenance/operations.

X. PCWIN STATUS UPDATE – Mr. Brown

A. Rebanding:

Rebanding negotiations with Sprint have been lively but he anticipates that the agreement will be presented to the Committee and Board in the near future. After approval, staff will meet with Motorola to develop an actual schedule and follow with the distribution of a questionnaire out to all of the agencies.

B. Fleet Map Committee:

In early January, staff will be meeting with individual agencies to help document needed or desired changes in configurations, code plugs, fleet map changes, etc. After all the data is obtained, the group will meet to collectively discuss and prioritize all of the needs before finalization. Mr. Brown will also be working with Motorola to assess system changes that may be needed since "go live", and include those in the overall rebanding process as well.

C. Network Improvements:

The City of Tucson and Pima County staffs continue to work on network improvements in order to install cameras at select sites, as well as improve network bandwidth and connectivity (an ongoing process).

System Upgrade 7.15: The Motorola upgrade team has been scheduled to be in Tucson in early February to do a detailed presentation and show the actual schedule. The upgrade will start in March of 2015 and should conclude in May 2015. During the upgrade, data bases will have to be frozen, taken to Shamburg, upgraded and re-imported to the system. Changes after the freezing will have to be documented and tracked to insure that accurate information is added to the system after the upgrade. Procedures for users regarding the capturing and reloading the data will be forthcoming on this process. In May, 2015, it is anticipated that the system preventative maintenance will also be done and followed by rebanding.

Site Preventative Maintenance: Annual Site Preventative Maintenance will be conducted by Motorola as well at all of the sites after the 7.15 upgrade.

Bulletin Updates

Field Services Bulletin on the Motorola Remote Speaker Microphones: 3301 units have been tested to date with 49 units failing equaling a fail rate of 1.2%. The bulletin is scheduled to expire in March of 2015 and it was hoped that testing would be completed by the end of the year. It is anticipated that testing will be completed prior to the bulletin expiring. A reminder notice will be sent to the agencies regarding the 300 units remaining to be tested noting that the equipment will have to be brought to the maintenance services for testing which should take less than 10 minutes.

Update Regarding the 6000 Lt Speaker Microphones: Although current units meet expectations, Motorola has made improvements and decided to replace all 500+XE speaker microphones. After obtaining the specific number of units needed for each of the fire agencies, the information

will be forwarded to Motorola who will send them out in stages so replacements can be traded with the users with no interruption of service.

Miscellaneous:

- A bulletin was received that some of the switches were reporting random or odd errors at the prime sites. As of this morning, all switches were replaced at Oro Valley, Tumamoc and Swan without any interruption of service.
- Mr. Voorhees notes that regarding questions regarding usage of interoperability participants at the last meeting, to date there has been no usage as the IGAs have not yet been executed. Once the data becomes available, the information will be forwarded to the Board.
- Mr. Wright inquires how long the update will take after the data base has been captured for the upgrade, and Mr. Brown responds that the process should take approximately 30 days.

XI. MEMBER & PARTICIPANT ACQUISITION

Mr. Voorhees reports that there are no new applications to submit; however, applications have been received from the Tohono O'odham Nation (Nation) and the Tucson Airport Authority (TAA).

The Nation is working through some concepts as to how to facilitate connectivity through Sells back to PECOC. Once that issue has been resolved, they can move forward and the Committee will have an opportunity to evaluate their application for membership.

The TAA is also considering membership and is conducting individual testing at the Tucson International Airport with 4 phones borrowed from PCWIN. Their application has been submitted but is currently on hold until they see if the coverage meets their needs out at the airport. They also are looking at their budget to determine the number of units that they would like to be on the network. Mr. Voorhees suspects that this agency may end up with a blended system with law enforcement as full members and fire Interoperability Participants.

XII. BOARD OF DIRECTORS VICE CHAIR NOMINATIONS

The members discuss the nominations for Vice Chair of the Board of Directors.

Motion: It is moved by Ed Wilkerson, seconded by Jan Leshar and unanimously approved to appoint Chief Daniel Sharp, Oro Valley Police Department, as Vice Chair of the Board to replace Chief Doug Chappell effective January 24, 2015.

XIII. EXECUTIVE COMMITTEE & BOARD OF DIRECTORS PROPOSED MEETING SCHEDULE FOR 2015.

Mr. Voorhees advises that in keeping with the Business Plan, he has developed a proposed meeting schedule for the Executive Committee and Board of Directors Meetings for 2015. The schedule reduces meeting frequency and provides flexibility for end of the year November and December meetings to be dependent more on need. All meetings will be conducted at the PECOC Building, at the Pima Emergency Operations Center, 3434 E. 22nd Street, Tucson, Conference Room 308 and will normally begin at 9:00 am unless otherwise notified.

Motion: It is moved by Chief Wilkerson, seconded by Mr. Wright, and unanimously carried to approve the proposed meeting schedule for 2015.

Materials Provided: Schedule of Executive Committee and Board of Directors Meetings for 2015.

XIV. NEW BUSINESS – ITEMS FOR FUTURE BOARD OF DIRECTORS MEETINGS (2015)

The Members request no items for the next agenda or future meetings other than the items previously discussed in this meeting. Mr. Voorhees anticipates that the agenda for the special meeting will be a two item agenda unless otherwise notified.

XV. CALL TO THE PUBLIC

Chief Sharp makes a call to the public, and no one appears.

XVII. DATE-TIME-LOCATION OF NEXT BOARD OF DIRECTORS' MEETING(S)

The next regular Board of Directors Meeting is scheduled for Thursday, February 26, 2015 at 9:00 a.m. at the Pima Emergency Operations Center, 3434 E. 22nd Street, Tucson, Conference Room 308.

XVIII. ADJOURNMENT

It was moved by Chief Chappell, seconded by Mr. Wright and Chief Kahle, and unanimously carried to adjourn the meeting.

**PIMA COUNTY WIRELESS INTEGRATED NETWORK
(PCWIN)
EXECUTIVE COMMITTEE & BOARD OF DIRECTORS JOINT SESSION SPECIAL MEETING**

**Pima Emergency Communications Operations Center
3434 E. 22nd Street
Tuesday, December 9, 2014**

SUMMARY OF MEETING

I. ROLL CALL - Executive Committee & Board of Directors

Captain Azuelo calls the Executive Committee to order and roll call is executed.

Executive Members Present:

Captain David Azuelo, Tucson Police Department (Chair)
Chief Paul Wilson, Pima County P.C. Sheriff's Department
Chief Doug Chappell, Drexel Heights Fire District
Howell Herring, City of Tucson IT Department (Telephonic)
Chief Dan Sharp, Oro Valley Police Department
John Voorhees, Executive Director PCWIN
Chief Chuck Wunder, Green Valley Fire District

Members Absent:

Pima County IT Department, Anthony Casella

Chief Sharp calls the Board of Directors to order and roll call is executed.

Board of Directors Present:

Oro Valley Police Department, Chief Dan Sharp (Chair)
Corona de Tucson Fire District, Chief Andy Watson
City of Tucson Representative, Kelly Gottschalk
Drexel Heights Fire District, Chief Doug Chappell (Vice Chair)
Golder Ranch Fire District, Pat Abel for Chief Randy Karrer (Telephonic)
Green Valley Fire District, Chief Chuck Wunder
Mountain Vista Fire District, Chief Ed Wilkerson
Northwest Fire District, Paul Wright for Chief Mike Brandt
Pascua Yaqui Tribe, Chief Andre Matus
Pima County Representative, Jan Leshar (Telephonic)
Rincon Valley Fire District, Chief Jayme Kayle
Sahuarita Police Department, Chief Kaleb Allred (Telephonic)
University of Arizona Police Department, Chief Brian Seastone

Members Absent:

Avra Valley Fire District, Chief Delfs
City of South Tucson, Sgt. Edward Cajas
Picture Rocks Fire District, Chief Brett Lane
Pima Community College Department of Public Safety, Commander Manny Amado
Sabino Vista Fire District, Chief Kaleb Allred
Tanque Verde Valley Fire District, Mr. Roger Robinson
Three Points Fire District, Chief John Williams
Tucson Country Club Estates Fire District, Chief Robert Fee

Participating Attendees:

Rick Brown, PCWIN Wireless
Ross Adelman, City of Tucson General Services Department
Anthony Aeilts, City of Tucson Police Department
Keith Brittain, University of Arizona Police Department
Charles Mendonca, Drexel Heights Fire District
Andrew Mark, Rural Metro Fire Department

CONVENE TO EXECUTIVE SESSION

Motion: It is moved by Chief Chappell and seconded by Mr. Wright to go into Executive Session under ARS 38-431.03(A) (2).

EXECUTIVE SESSION

Per A.R.S. §38-431.03(A)(2), the members of the PCWIN Executive Committee and Board of Directors will conduct an executive discussion pertaining to the confidential aspects of the post warranty services contract amendment for the Pima County Wireless Integrated Network.

RECONVENE

Chief Sharp announces the regular meeting is reconvened.

SITTING AS THE EXECUTIVE COMMITTEE & BOARD OF DIRECTORS IN JOINT SESSION

II. POST WARRANTY SERVICES CONTRACT AMENDMENT (EXECUTIVE COMMITTEE)

John Voorhees explains that Amendment six provides for a system upgrade agreement to a biennial life cycle maintenance agreement with Motorola as well as two functions of post warranty maintenance: LMR technical support and NICE audio logging equipment service. This agreement is a net increase in the value of the contract by \$8.77 million. The net increase is due to the terms in the original post warranty service contract that were \$11 million worth of services included in the five year contract. This is \$20 million worth of services over 20 years which explains some of the delta is the cost: the extensive term and overall philosophy change in a la carte services to the SUA II.

Motion: Chief Wilson renews his previous motion made at the Executive Committee on December 4, 2014 to recommend approval of the amendment to the Board of Directors, seconded by Chief Sharp and carried unanimously to move the post warranty service contract amendment to the Board of Directors.

III. POST WARRANTY SERVICES CONTRACT AMENDMENT (BOARD OF DIRECTORS)

Motion: It is moved by Chief Chappell, seconded by Chief Wilkerson and carried unanimously to move the post warranty service contract amendment to the Board of Supervisors for approval.

IV. PROPOSED FY15-16 PCWIN BUDGET (SPECIAL REVENUE FUND)

John Voorhees states that the Executive Committee recommended to Board of Directors (BOD) at the last meeting that either Budget Option One (1) or Two (2) be approved. The BOD agreed on Option Two (2). Since that meeting, Mr. Voorhees has received updated numbers from the Pima County Information

Technology Department (PCITD) related to charges for a lease agreement for Hewlett Packard (HP) computers and services approved by the Pima County Board of Supervisors. These numbers were originally in the budget but the new numbers are a slightly higher. The overall annual fees did not increase however because money has been shifted from one line to another. Specifically, the numbers we are discussing are the three lines in the cash flow statement that are related to computer charges. These lines cover lease terms for the computers that are in PCWIN's possession, both the administrative section and the wireless section. The money has been diverted from the repair and maintenance supply equipment line as the entire amount will not likely be needed.

Motion: It is moved by Chief Chappell, seconded by Mr. Wright and unanimously carried to approve Budget Option Two(2).

V. CALL TO THE PUBLIC

Chief Sharp calls for comments from the public- No one appears

VI. ADJOURNMENT

It is moved by Chief Sharp and seconded by Chief Wilson and unanimously carried to adjourn the Executive Committee meeting.

It is moved by Chief Sharp and seconded by Chief Wilkerson and unanimously carried to adjourn the Board of Directors' meeting

Minutes prepared by Nicole Burdette
PCWIN ADMINISTRATION

**Pima County Wireless Integrated Network (PCWIN)
 Budget to Forecast - Summary Report
 Fund 2101 - OEM's Radio System Special Revenue
 FOR PERIOD ENDING January 31, 2015**

	FY14/15 YTD Actuals	FY14/15 Revised Budget	Forecast	Variance (Budget vs. Forecast)
1 Revenue	\$ 1,981,780	\$ 2,610,372	\$ 2,638,305	\$ 27,933
2 Expenditures				
3 Personnel Services	570,177	1,124,956	1,127,389	(2,433)
4 Operating Expenditures	313,218	1,312,064	1,312,064	-
5 Capital Equipment	-	-	-	-
6 Total Expenditures	883,395	2,437,020	2,439,453	(2,433)
7 Operating Transfers In				
8 Operating Transfers In	1,248	1,249	1,249	-
9 Total Operating Transfers In	1,248	1,249	1,249	-
10 Operating Transfers Out				
11 Operating Transfers Out	-	-	-	-
12 Total Operating Transfers Out	-	-	-	-
13 Net Fund Impact	\$ 1,099,633	\$ 174,601	\$ 200,101	\$ 25,500

**Pima County Wireless Integrated Network (PCWIN)
Projected Cash Flow for Each Applicable Fiscal Year
Utilizing January 2015 Forecasts**

DRAFT

	<u>Revised Budget FY 14-15</u>	<u>Forecast for FY 14-15 as of January 2015</u>	<u>Requested Budget for FY 15/16 (as of 2/6/15)</u>	<u>Forecasted FY 16-17</u>	<u>Forecasted FY 17-18</u>	<u>Forecasted FY 18-19</u>	<u>Forecasted FY 19-20</u>
1 Net Operating income (loss)							
2 Revenues							
3 General Government Fees - Public Safety Other Jurisdictions (Note)	1,418,064	1,477,476	1,591,920	1,688,400	1,784,880	1,784,880	1,833,120
4 Interdepartmental Revenue - Pima County (Note)	1,161,012	1,114,884	1,189,188	1,261,260	1,333,332	1,333,332	1,369,368
5 Rent and Royalties	31,296	43,076	63,916	63,916	63,916	63,916	63,916
6 Interest Rev. - Pooled Inv.	-	2,090	2,403	1,947	1,449	1,509	1,440
7 Miscellaneous Revenue	-	779	-	-	-	-	-
8 Total Operating Revenues	2,610,372	2,638,305	2,847,427	3,015,523	3,183,577	3,183,637	3,267,844
9							
10 Expenditures							
11 Salaries and Wages							
12 PCWIN - Salaries	145,480	145,480	150,102	153,104	153,104	156,166	156,166
13 PCWIN - Benefits	42,474	46,855	35,516	36,581	37,679	38,809	39,974
14 Interdepartmental Salaries - Charged Out	-	(11,200)	-	-	-	-	-
15 Interdepartmental Salaries - Charged In	-	875	-	-	-	-	-
16 Intra Departmental Salaries and Fringe	-	328	-	-	-	-	-
17 PECOC Front Desk personnel	-	-	2,920	2,978	2,978	3,038	3,038
18 BEACON	13,067	12,892	13,068	13,068	13,068	13,068	13,068
19 CONFIDENCE	10,307	10,169	10,307	10,307	10,307	10,307	10,307
20 GEASA	11,989	11,828	11,990	11,990	11,990	11,990	11,990
21 HAYSTACK	18,057	17,815	18,057	18,057	18,057	18,057	18,057
22 RVPD	12,766	12,595	12,767	12,767	12,767	12,767	12,767
23 SWAN	12,504	12,336	12,504	12,504	12,504	12,504	12,504
24 TUMAMOC	11,106	10,957	11,107	11,107	11,107	11,107	11,107
25 ITD - Salaries and Benefits	847,206	856,459	887,704	907,627	914,328	934,915	942,025
26 Total Employee Compensation	1,124,956	1,127,389	1,166,042	1,190,091	1,197,889	1,222,729	1,231,002
27							
28 Other Personnel Costs							
29 City of Tucson Positions							
30 COT Technician	115,107	115,107	115,108	115,108	115,108	115,108	115,108
31 COT Engineer	65,908	65,908	65,908	65,908	65,908	65,908	65,908
32 Out of State Travel/Training	5,500	5,500	5,500	5,500	5,500	5,500	5,500
33 Instate Travel/Training	1,000	2,670	5,500	5,500	5,500	5,500	5,500
34 Dues and Memberships	800	800	1,200	1,200	1,200	1,200	1,200
35 Administrative Overhead	190,721	190,721	156,581	159,713	162,907	166,165	169,488
36 Total Other Personnel Costs	379,036	380,706	349,797	352,929	356,123	359,381	362,704
37							
38 Operating Expenses							
39 Office Supplies	1,950	6,950	10,000	10,000	10,000	10,000	10,000
40 Food Supplies	-	500	500	500	500	500	500
41 Books/Subscriptions/Videos	2,500	2,500	1,500	1,500	1,500	1,500	1,500
42 Software - Comm Shop	35,000	35,000	35,000	35,000	35,000	35,000	35,000
43 Other Operating Supplies	25,000	25,000	15,000	15,000	15,000	15,000	15,000
44 Repair & Maintenance Supplies	130,150	117,883	240,615	240,615	240,615	240,615	240,615
45 Small Tools and Office Equipment	20,000	20,000	20,000	20,000	20,000	20,000	20,000
46 Office Machines/Computers	5,000	15,000	1,000	1,000	1,000	1,000	1,000
47 Other Machines/Equipment	1,000	11,000	1,000	1,000	1,000	1,000	1,000
48 Fuel, Oil, Lubricants	1,000	1,000	1,000	1,000	1,000	1,000	1,000
49 Accounting & Auditing Services	-	7,500	6,000	6,000	6,000	6,000	6,000
50 Printing & Microfilming	250	882	1,000	1,000	1,000	1,000	1,000
51 Postage and Freight	5,000	5,000	5,000	5,000	5,000	5,000	5,000
52 Other Professional Services	-	187	-	-	-	-	-
53 Advertising	-	928	1,000	1,000	1,000	1,000	1,000
54 Property Damage & Gen Liabilities Insurance Premiums	14,000	14,000	-	-	-	-	-
55 Motor Pool Charges	50,000	70,000	54,528	54,528	54,528	54,528	54,528
56 Other Miscellaneous Charges	840	840	840	840	840	840	840
57 Information Technology Equipment and Service							
58 Computer Hardware - ISF Charges	-	-	18,606	18,606	18,606	18,606	18,606
59 Server and Storage - ISF Charges	-	-	-	-	-	-	-
60 Software - ISF Charges	-	-	5,460	5,460	5,460	5,460	5,460
61 Interest Expense - Pooled Investments	-	-	-	-	-	-	-
62 R&M Machinery and Equipment							
63 Motorola Software System Update Agreement	134,469	103,477	617,816	683,046	687,244	691,781	698,699
64 Motorola LMR Technical Support	29,716	22,121	119,500	120,695	121,902	123,121	128,046
65 Motorola Network System Monitoring	43,115	32,095	-	-	-	-	-
66 Motorola Network Preventative Maintenance	16,680	12,417	-	-	-	-	-
67 Motorola Advanced Replacement	25,737	19,159	-	-	-	-	-
68 Motorola NICE Audio Logging Equipment Service	28,746	21,399	86,238	86,238	86,238	86,238	120,224
69 Motorola Maintenance Consulting Fees (T&M for Motorola/ Ceragon)	-	-	28,000	28,000	28,000	28,000	28,000
70 Ceragon Maintenance Support	37,326	37,326	-	-	-	-	-
71 Ceragon 24 Hr Advanced Replacement & Extended Warranty	36,906	36,906	-	-	-	-	-
72 Test Equipment Repair & Maintenance	-	-	7,500	7,500	7,500	7,500	7,500
73 Netlock Maintenance & Support	865	865	865	865	865	865	865
74 Cisco SmartNet CTM for City of Tucson	5,000	-	2,587	2,587	2,587	2,587	2,587
75 Cisco SmartNet and COT Sonet Boxes	91,780	96,780	23,149	23,149	23,149	23,149	23,149
76 Interdepartmental Supplies & Services - Charged In	-	7,500	-	-	-	-	-
77 Total Operating Expenditures	742,030	724,015	1,303,704	1,370,129	1,375,534	1,381,290	1,427,119
78				1,0100			
79 Utilities							
80 Telephone/Voice/Data Telecommunications							
81 ITD Network Port Charges	2,220	2,200	15,912	15,912	15,912	15,912	15,912
82 Cisco SmartNet for Pima County	-	13,750	25,468	25,468	25,468	25,468	25,468
83 Long Distance Telephone Services	500	450	500	500	500	500	500
84 Cell Phones w/Data	16,200	16,200	16,200	16,200	16,200	16,200	16,200
85 Electricity	71,200	71,200	71,200	71,200	71,200	71,200	71,200
86 Total Utilities	90,120	103,800	129,280	129,280	129,280	129,280	129,280
87							

**Pima County Wireless Integrated Network (PCWIN)
Projected Cash Flow for Each Applicable Fiscal Year
Utilizing January 2015 Forecasts**

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	Revised Budget FY 14-15	Forecast for FY 14-15 as of January 2015	Requested Budget for FY 15/16 (as of 2/6/15)	Forecasted FY 16-17	Forecasted FY 17-18	Forecasted FY 18-19	Forecasted FY 19-20
88 Leases & Rentals							
89 ARIVACA - ASLD Commercial Lease	2,400	2,400	2,400	2,400	2,400	2,400	2,400
90 BEACON - Crown Castle Lease	11,458	11,458	11,802	12,156	12,520	12,896	13,283
91 BIGELOW - SAT Lease	15,277	15,277	15,735	16,207	16,694	17,194	17,710
92 CONFIDENCE - TEP Lease	5,000	5,000	5,000	5,000	5,000	5,000	5,000
93 HAYSTACK - ASLD Land Use Permit	1,800	2,400	1,800	1,800	1,800	1,800	1,800
94 KEYSTONE - AZ DPS	10,000	10,000	10,000	10,000	10,000	10,000	10,000
95 LEMMON - AZ DPS	4,356	4,356	4,356	4,356	4,356	4,356	4,356
96 MILDRED - ASLD Commercial Lease	2,400	2,400	2,400	2,400	2,400	2,400	2,400
97 PECOC - Master Site & PCWIN Offices	5,100	5,100	16,091	16,091	16,091	16,091	16,091
98 RVFD - Rincon Valley Fire District Lease	12,000	12,000	12,000	12,000	12,000	12,000	12,000
99 County 1313 S. Mission Rd - Radio Maintenance Shop	31,087	33,152	30,460	30,460	30,460	30,460	30,460
100 Total Leases & Rentals	100,878	103,543	112,044	112,870	113,721	114,597	115,500
101							
102 Total Expenditures	2,437,020	2,439,453	3,060,867	3,155,298	3,172,547	3,207,277	3,265,605
103							
104 Net Operating Income (loss)	173,352	198,852	(213,440)	(139,775)	11,030	(23,640)	2,239
105							
106 Cash Flow from Operations after Transfers							
107 Net income (loss)	173,352	198,852	(213,440)	(139,775)	11,030	(23,640)	2,239
108 Transfers In-General Fund	1,249	1,249	-	-	-	-	-
109 Transfers In-Other Special Revenue	-	-	-	-	-	-	-
110 Transfers In-Capital Asset	-	-	-	-	-	-	-
111 Cash Flow from Operations, after Transfers	174,601	200,101	(213,440)	(139,775)	11,030	(23,640)	2,239
112							
113 Fund Balance Calculation							
114 Beginning Fund Balance	508,371	508,371	708,472	495,032	355,256	366,286	342,646
115 Ending Fund Balance	682,972	708,472	495,032	355,256	366,286	342,646	344,885
116							
117 Sources and Uses of Funds							
118 Sources							
119 Cash Flow after Other Transfers plus Depreciation and loss on disposal of asset	174,601	200,101	(213,440)	(139,775)	11,030	(23,640)	2,239
120 Accounts Receivable (Beginning)	8,541	8,541	6,892	10,227	10,227	10,227	10,227
121 Accounts Receivable (Ending)	(5,007)	(6,892)	(10,227)	(10,227)	(10,227)	(10,227)	(10,227)
122 Interest Receivable (Beginning)	571	571	198	162	121	126	120
123 Interest Receivable (Ending)	(180)	(198)	(162)	(121)	(126)	(120)	(125)
124 Due From Other Funds (Beginning)	-	-	-	-	-	-	-
125 Due From Other Funds (Ending)	-	-	-	-	-	-	-
126 Due From Other Governments (Beginning)	-	-	-	-	-	-	-
127 Due From Other Governments (Ending)	-	-	-	-	-	-	-
128 Inventory (Beginning)	181,598	181,598	181,598	181,598	181,598	181,598	181,598
129 Inventory (Ending)	(181,598)	(181,598)	(181,598)	(181,598)	(181,598)	(181,598)	(181,598)
130 Prepaid Expenses (Beginning)	4,539	4,539	-	-	-	-	-
131 Prepaid Expenses (Ending)	-	-	-	-	-	-	-
132 Total Sources	183,065	206,662	(216,738)	(139,734)	11,025	(23,634)	2,234
133							
134 Uses							
135 Accounts Payable (Beginning)	80,860	80,860	91,909	144,274	149,856	150,375	150,926
136 Accounts Payable (Ending)	(91,909)	(91,909)	(144,274)	(149,856)	(150,375)	(150,926)	(154,805)
137 Interest Payable (Beginning)	-	-	-	-	-	-	-
138 Interest Payable (Ending)	-	-	-	-	-	-	-
139 Accrued Compensation Payable (Beginning)	18,147	18,147	59,594	70,348	30,447	30,597	31,075
140 Accrued Compensation Payable (Ending)	(59,482)	(59,594)	(70,348)	(30,447)	(30,597)	(31,075)	(40,703)
141 Due to Other Funds (Beginning)	-	-	-	-	-	-	-
142 Due to Other Funds (Ending)	-	-	-	-	-	-	-
143 Due to Other Governments (Beginning)	-	-	-	-	-	-	-
144 Due to Other Governments (Ending)	-	-	-	-	-	-	-
145 Unreserved Overpayment (Beginning)	64,107	64,107	122,631	132,129	140,137	148,145	148,145
146 Unreserved Overpayment (Ending)	(117,699)	(122,631)	(132,129)	(140,137)	(148,145)	(148,145)	(152,149)
147 Total Uses	(105,977)	(111,020)	(72,617)	26,311	(8,677)	(1,028)	(17,511)
148							
149 Net Sources over Uses	289,041	317,682	(144,121)	(166,045)	19,702	(22,606)	19,744
150							
151 Net Sources over Uses	289,041	317,682	(144,121)	(166,045)	19,702	(22,606)	19,744
152 Beginning Cash Balance	476,236	476,236	793,918	649,797	483,752	503,454	480,847
153 Projected Ending Cash Balance*	765,277	793,918	649,797	483,752	503,454	480,847	500,592
154 Reserve on Expenditures (12.5%)**	-	-	382,608	394,412	386,568	400,910	408,201
155 Projected Ending Cash Balance after Reserve Requirement is met	765,277	793,918	267,188	89,340	106,885	79,938	92,391

* The above cash flow is only an estimate as it includes forecasted amounts from the department and estimates for ending Balance Sheet items.
** Reserve on Expenditures to begin in FY 2015/16

Note: Below is the Monthly Subscriber Rate Table used to calculate the Interdepartmental and Intergovernmental Charges.

	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20
Monthly Subscriber Rate	\$ 31.00	\$ 33.00	\$ 35.00	\$ 37.00	\$ 37.00	\$ 38.00

**Pima County Wireless Integrated Network (PCWIN)
FY1516 Board Approved Budget vs. Requested Budget
As of 1/30/15**

	<u>Board of Director's Approved Budget on December 9, 2014</u>	<u>Requested Budget FY 15- 16 (As of 2/6/15)</u>	<u>Board of Director Approved Budget vs. Requested Budget Variance</u>
1 Net Operating income (loss)			
2 Revenues			
3 General Government Fees - Public Safety Other Jurisdictions (Note)	1,591,920	1,591,920	-
4 Interdepartmental Revenue - Pima County (Note)	1,189,188	1,189,188	-
5 Rent and Royalties	82,106	63,916	18,190
6 Interest Rev. - Pooled Inv.	2,403	2,403	-
7 Miscellaneous Revenue	-	-	-
8 Total Operating Revenues	2,865,617	2,847,427	18,190
9			
10 Expenditures			
11 Salaries and Wages			
12 PCWIN - Salaries	146,793	150,102	(3,309)
13 PCWIN - Benefits	43,748	35,516	8,232
14 Interdepartmental Salaries - Charged Out	-	-	-
15 Interdepartmental Salaries - Charged In	-	-	-
16 Intra Departmental Salaries and Fringe			
17 PECOC Front Desk personnel	2,500	2,920	(420)
18 BEACON	13,068	13,068	-
19 CONFIDENCE	10,307	10,307	-
20 GEASA	11,990	11,990	-
21 HAYSTACK	18,057	18,057	-
22 RVFD	12,767	12,767	-
23 SWAN	12,504	12,504	-
24 TUMAMOC	11,107	11,107	-
25 ITD - Salaries and Benefits	889,440	887,704	1,736
26 Total Employee Compensation	1,172,281	1,166,042	6,239
27			
28 Other Personnel Costs			
29 City of Tucson Positions			
30 COT Technician	115,108	115,108	-
31 COT Engineer	65,908	65,908	-
32 Out of State Travel/Training	5,500	5,500	-
33 Instate Travel/Training	500	5,500	(5,000)
34 Dues and Memberships	1,200	1,200	-
35 Administrative Overhead	156,581	156,581	-
36 Total Other Personnel Costs	344,797	349,797	(5,000)
37			
38 Operating Expenses			
39 Office Supplies	10,000	10,000	-
40 Food Supplies	500	500	-
41 Books/Subscriptions/Videos	1,500	1,500	-
42 Software - Comm Shop	35,000	35,000	-
43 Other Operating Supplies	15,000	15,000	-
44 Repair & Maintenance Supplies	240,000	240,615	(615)
45 Small Tools and Office Equipment	20,000	20,000	-
46 Office Machines/Computers	1,000	1,000	-
47 Other Machines/Equipment	1,000	1,000	-
48 Fuel, Oil, Lubricants	1,000	1,000	-
49 Accounting and Auditing Services	-	6,000	(6,000)
50 Printing & Microfilming	1,000	1,000	-
51 Postage and Freight	5,000	5,000	-
52 Other Professional Services	-	-	-
53 Advertising	1,000	1,000	-
54 Property Damage & Gen Liabilities Insurance Premiums	14,000	-	14,000
55 Motor Pool Charges	54,528	54,528	-
56 Other Miscellaneous Charges	840	840	-
57 Information Technology Equipment and Service	-	-	-
58 Computer Hardware - ISF Charges	14,884	18,606	(3,722)
59 Server and Storage - ISF Charges	10,024	-	10,024
60 Software - ISF Charges	4,368	5,460	(1,092)
61 R&M Machinery and Equipment			
62 Motorola Software System Update Agreement	617,816	617,816	-
63 Motorola LMR Technical Support	119,500	119,500	-
64 Motorola Network System Monitoring	-	-	-
65 Motorola Network Preventative Maintenance	-	-	-
66 Motorola Advanced Replacement	-	-	-
Motorola NICE Audio Logging Equipment Service	86,238	86,238	-
Motorola Maintenance Consulting Fees (T&M for Motorola/ Ceragon)	28,000	28,000	-
67 Ceragon Maintenance Support	-	-	-
68 Ceragon 24 Hr Advanced Replacement & Extended Warranty	-	-	-
69 Test Equipment Repair & Maintenance	7,500	7,500	-
70 Netlock Maintenance & Support	865	865	-
71 Cisco SmartNet CTM for City of Tucson	2,587	2,587	-
72 Cisco SmartNet and COT Sonet Boxes	23,149	23,149	-
73 Interdepartmental Supplies & Services - Charged In	-	-	-
74 Total Operating Expenditures	1,316,299	1,303,704	12,595
75			
76			

Pima County Wireless Integrated Network (PCWIN)
FY1516 Board Approved Budget vs. Requested Budget
As of 1/30/15

	<u>Board of Director's Approved Budget on December 9, 2014</u>	<u>Requested Budget FY 15- 16 (As of 2/6/15)</u>	<u>Board of Director Approved Budget vs. Requested Budget Variance</u>
77 Utilities			
78 Telephone/Voice/Data Telecommunications			
79 ITD Network Port Charges	15,912	15,912	-
80 Cisco SmartNet for Pima County	25,468	25,468	-
81 Long Distance Telephone Services	500	500	-
82 Cell Phones w/Data	16,200	16,200	-
83 Electricity	71,200	71,200	-
84 Total Utilities	<u>129,280</u>	<u>129,280</u>	-
85			
86 Leases & Rentals			
87 ARIVACA - ASLD Commercial Lease	2,400	2,400	-
88 BEACON - Crown Castle Lease	11,802	11,802	-
89 BIGELOW - SAT Lease	15,735	15,735	-
90 CONFIDENCE - TEP Lease	5,000	5,000	-
91 HAYSTACK - ASLD Land Use Permit	1,800	1,800	-
92 KEYSTONE - AZ DPS	10,000	10,000	-
93 LEMMON - AZ DPS	4,356	4,356	-
94 MILDRED - ASLD Commercial Lease	2,400	2,400	-
95 PECOC - Master Site & PCWIN Offices	16,091	16,091	-
96 RVFD - Rincon Valley Fire District Lease	12,000	12,000	-
97 County 1313 S. Mission Rd - Radio Maintenance Shop	36,552	30,460	6,092
98 Total Leases & Rentals	<u>118,136</u>	<u>112,044</u>	6,092
99			
100 Total Expenditures	<u>3,080,793</u>	<u>3,060,867</u>	<u>19,926</u>
101			
102 Net Operating Income (loss)	<u>(215,176)</u>	<u>(213,440)</u>	<u>(1,736)</u>
103			
104 Cash Flow from Operations after Transfers			
105 Net income (loss)	(215,176)	(213,440)	(1,736)
106 Transfers In-General Fund	-	-	-
107 Transfers In-Other Special Revenue	-	-	-
108 Transfers In-Capital Asset	-	-	-
109 Cash Flow from Operations, after Transfers	<u>(215,176)</u>	<u>(213,440)</u>	<u>(1,736)</u>
110			
111 Fund Balance Calculation			
112 Beginning Fund Balance	712,397	708,472	(3,925)
113 Ending Fund Balance	<u>497,221</u>	<u>495,032</u>	<u>(5,661)</u>
114			

Title: **Gateway Policy**

Index: 102-A

Effective Date: January 22, 2015

Revision/Date:

Author: Geoffrey Kuhn, Tucson Fire - Communications

Owner: Operations Working Group (OWG)

1. Purpose

- a. The purpose of this document is to provide structure and guidance for the request for and use of Conventional Channel Gateway (CCGW) for connection to the PCWIN trunked radio system.

2. Background

- a. "Gateway" systems interconnect channels of disparate systems (whether on different frequency bands, radio operating models or networks) using audio gateway devices (CCGW) thus permitting users to connect their radios and channels with the channels of others outside of their agency.
- b. CCGWs were purchased as part of the PCWIN system and are housed in various locations throughout the network.
- c. The use of CCGWs without the proper knowledge of the networks interconnected by these devices can be harmful to the normal operations of those networks.
- d. Users of CCGWs are limited to the range of their home system, and will not have access to the PCWIN coverage footprint.
- e. Once an agency is connected to PCWIN via a CCGW its connected talkgroups are available to the entire PCWIN network unless the agency makes specific provisions to control access.

3. Policy Statement

- a. Circumstances may necessitate the need to interconnect disparate radio systems to facilitate public safety operation of a member. A CCGW may be used after a technical review determines that the use of a CCGW is appropriate.
- b. CCGW use may be temporary or permanent per the direction of and approval of the PCWIN Board of Directors.
- c. Non-PCWIN members must authorize the talkgroup or conventional channel they own for the purpose of interconnection via a PCWIN CCGW.
- d. For frequencies licensed outside of the PCWIN system, request to interconnect with PCWIN via CCGW shall be accomplished through the PCWIN Executive Director or the Network Managing Member in the event of an emergency.

- e. In the event that any CCGW request requires the purchase of hardware to accomplish, the requesting agency shall be responsible for those costs upon approval.
- f. The Network Managing Member is responsible for programming and testing CCGW resources.

4. Applies to

- a. All users of the PCWIN 800 MHZ trunked radio system and agencies requesting the use of CCGW

5. Supporting Rules

- a. PCWIN Business Plan Governance Document

6. Conditions for Exemption or Waiver

- a. None

DRAFT

Title: Radio Amplification Systems Policy

Index: 104-D

Effective Date: January 22, 2015

Revision/Date:

Author: John Voorhees, PCWIN Executive Director

Owner: Technical Working Group (TWG)

1. Purpose

This policy is to establish expectations for the management of signal boosters on the PCWIN 800 MHz radio system.

2. Background

- a. Signal Boosters are used to enhance in building and outdoor radio signal coverage
- b. The FCC requires signal boosters to be used on a non-interference basis.

3. Policy Statement

- a. It is PCWIN policy to review and approve the design and implementation of any and all signal boosters, also referred to as bi-directional amplifiers (BDA), used to retransmit Pima County or City of Tucson licensed frequencies that are part of the PCWIN system.
- b. As an FCC licensee, PCWIN is subject to Federal regulations. Specifically, and for purposes of this policy, PCWIN and its members are responsible to comply with regulation 47CFR90.219 "Use of Signal Boosters."
- c. According to FCC regulation 47CFR90.219, anyone operating a signal booster to retransmit PCWIN licensed frequencies must have the consent of the PCWIN Network Managing Member.
- d. Part 90 Class B signal boosters (non-channelized BDAs) must be registered through the FCC Signal Booster Registration & Discovery website: www.fcc.gov/signal-boosters/registration.
- e. If a signal booster is suspected of causing harmful interference, the operator must turn off or adjust the settings of the device at the request of the PCWIN Network Managing Member, the FCC, or any impacted licensee to eliminate the harmful interference. Any signal booster operator who does not comply with such as request, may be subjected to FCC fines as determined by FCC investigation

4. Applies to

- a. All PCWIN users

5. Supporting Rules

- a. 204-L Managing Radio Amplification Systems

6. Conditions for Exemption or Waiver

- a. None

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Agency	Fleet Map Change Request	Submitted	OWG Review	Approved	Accomplished
Ajo Ambulance	1. Add MED Zone 2. Disable the loss of signal tone	11/1/2014	N/A	Yes	
Pima County Department of Transportation	1. Add 6 new talkgroups for survey crews	10/1/2014	Yes	Yes	Yes
Tucson Police Department	1. Install timer in mobile radios	12/5/2014	N/A	Yes	
Tucson Police Department	1. Combine Commander Fleetmap with Regional SWAT and Regional Bomb channels for one portable	12/5/2014	Yes	Yes	
Tucson Police Department	1. Change mobile display to show active channel vice 7 digit radio identifier 2. Move scan button to a different location for efficiency purposes	12/4/2014	N/A	Yes	
U of A Risk Management	1. Fleetmap created with 3 talkgroups - RMSV1, RMSV2, RMSV3	12/4/2014	Yes	Yes	Yes
Pima County Office of Medical Examiner	1. Add 2 talkgroups - OME 1, OME2 2. Add OME 3 3. Add zone for PCCPD, UAPD, OVPD, SPD shared talkgroups	2/11/2015	N/A	Yes	Yes (1)
Helmet Peak Fire District	1. Incorporate into Drexel Heights Fire District Fleemap	1/6/2015	N/A	Yes	Yes

Agency Name	Number of Radios	Number of PTTs since programmed	Number of Emergency Button Activations	Percentage of Network Usage
US Marshal Service	67 Portables	3	0	0
National Park Service	13 Portables / 7 Mobiles	0	0	0
Union Pacific Railroad Police Department	9 Portables	68	0	0
Arizona Attorney Generals Office				
US Forest Service				
162 FW ANG				
Mobile Acute Crisis Team - Pasadera Behavioral Health				
Southern Arizona Rescue Association (sponsored by Pima County Sheriffs Department)				
Raytheon Fire Department (Sponsored by Tucson Fire Department)				
Cochise County Sheriffs Department				
Bureau of Alcohol Tobacco Firearms and Explosives				
Sunnyside Unified School District				