



**PUBLIC NOTICE PURSUANT TO  
ARIZONA REVISED STATUTES SECTION 38-431.02**

There will be a joint board meeting of the RWC and the TOPAZ Regional Wireless Cooperative (TRWC) on Wednesday, October 9<sup>th</sup> from 9:00 to 11:30. A separate TRWC board meeting will follow the adjournment of the joint meeting, time allowing. These two meetings will be held at the Maricopa Association of Governments (MAG), 302 N 1<sup>st</sup> Avenue, Suite 300, Phoenix, AZ 85003

A copy of the agenda and items to be discussed at the meeting may be obtained from the TRWC website [here](#) or the following:

TOPAZ Regional Wireless Cooperative (TRWC)  
Contact Person: Leslie Dibble, Administrative Assistant  
P.O. Box 968, Mesa, Arizona 85211  
Telephone: (480) 644-2786



Joint Board of Directors  
Agenda  
October 9, 2013

	ITEM	PRESENTER
1)	<p><b>TRWC Call to Order, Roll Call, and Introductions</b></p> <p style="text-align: center;"><b>and</b></p> <p><b>RWC Call to Order, Roll Call, and Introductions</b></p>	<p>TRWC Chair Kross – Queen Creek and RWC Chair Campbell – El Mirage</p>
2)	<p><b>Opening Comments</b></p> <ul style="list-style-type: none"> <li>• Attendee Introductions (present and on phone)</li> <li>• Speaker Cards</li> <li>• Meeting is being recorded, please use your microphones</li> </ul>	<p>TRWC Chair Kross – Queen Creek</p> <p>Est. 5 min.</p>
3)	<p><b>Call to the Public</b> A member of the public may request to address the Board(s) 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(s) Chairman(s), and will be allotted no more than three (3) minutes to speak.</p>	<p>TRWC Chair Kross – Queen Creek and RWC Chair Campbell – El Mirage</p>
4)	<p><b>Presentation, Discussion, and Possible Action on Governance Working Group Recommendations</b></p>	<p>RWC Vice-Chair Hartig – Scottsdale and TRWC Vice-Chair Bradbury – Rio Verde Fire Dept.</p> <p>Est. 60 min.</p>
5)	<p><b>Announcements</b> The purpose of this item is to communicate any joint Board announcements.</p> <ul style="list-style-type: none"> <li>• 2014 TRWC &amp; RWC Board of Directors meetings have been aligned for possible joint meetings as needed.</li> </ul>	<p>TRWC Chair Kross – Queen Creek and RWC Chair Campbell – El Mirage</p>
6)	<p><b>Adjourn TRWC Board of Directors Joint Meeting</b></p> <p style="text-align: center;"><b>and</b></p> <p><b>Adjourn RWC Board of Directors Joint Meeting</b></p>	<p>TRWC Chair Kross – Queen Creek and RWC Chair Campbell – El Mirage</p>



## **TRWC Board of Directors Meeting**

October 9, 2013  
Maricopa Association of Governments  
302 N 1st Ave # 300  
Phoenix, AZ 85003

### **Agenda**

- 1) Call to Order - Chairman Kross
- 2) Discussion and Action on the July 18th, 2013 Board Meeting Minutes - Chairman Kross
- 3) Discussion and Action on Partner Agreements - Dale Shaw
  - a. City of Case Grande Interoperability
  - b. Town of Florence Interoperability
- 4) Discussion and Possible Action on Network Administration Updates:
  - a. Capital Projects and Network Performance Overview - Randy Thompson
  - b. Year-to-date Budget Overview - Dale Shaw
- 5) Next Meeting(s):
  - TRWC Board Meeting - Nov 21, 2013 9AM to 11AM
  - TRWC Board Meeting - Jan 23, 2014 9AM to 11AM
  - TRWC Board Meeting - Mar 27, 2014 9AM to 11 AM
  - Joint TRWC/RWC Board Meeting - May 22, 2014 9AM to 11AM
  - Joint TRWC/RWC Board Meeting - Nov 20, 2014 9AM to 11 AM 10) Adjournment -
- 6) Adjournment - Chairman Kross



**Date:** October 9, 2013  
**To:** Topaz Regional Wireless Cooperative (TRWC) Board of Directors  
**From:** Dale Shaw, TRWC Executive Director  
Gary Bradbury, TRWC Executive Committee Chairman  
**Subject:** City of Case Grande Interoperability Request

### **Recommendation**

The TRWC Executive Director and Executive Committee recommend that the TRWC Board of Directors authorize the Executive Director (or appropriate delegate) to develop and execute an interoperability agreement with the City of Case Grande (Case Grande).

### **Background & Discussion**

On April 25, 2013, we received the attached request from Case Grande to become an interoperability participant with the TRWC to support radio interoperability with TRWC public safety agencies. Should the Board of Directors elect to approve this request, the Executive Director will work with Case Grande to execute the current standard interoperability agreement with minor modification where appropriate.

### **Fiscal Impact**

No fiscal impact is anticipated beyond normal forecasted expenditures.



# City of Casa Grande Fire Department

Scott R. Miller, Fire Chief

April 24, 2013

Mr. Dale Shaw  
TRWC Executive Director  
PO Box 968  
Mesa, AZ 85211-0968

Dear Mr. Shaw,

The City of Casa Grande Fire Department is requesting authorization to engage in an interoperability agreement with the TRWC Network. As you know, our department is a mutual aid partner with the Apache Junction and Florence Fire Department as part of the established agreement with the Pinal County Fire Chiefs Association. As part of that agreement, communications between agencies is essential. In addition to our mutual aid partnership with these departments, the Casa Grande Fire department is a participant in the East Valley Hazardous Materials cooperative along with Mesa, Scottsdale, Tempe and Chandler. Not only does our organization train with these partners, moreover, they/we can be called to assist. For both of these reasons, we seek approval to become an interoperability partner.

Currently, the department has (9) 800 MHz mobile radios that have been programmed to the RWC Network. We are adding an additional Ladder within the next year that will add one more mobile. In addition, it is our intention to purchase portable radios as funding allows.

Our department uses Creative Communications who services and programs radios for the department. New radios would be purchased and are typically programmed through them. If you have further questions, Battalion Chief Kevin Madden coordinates all portable and mobile radio systems for the department and is our point of contact. He can be reached via email at [kmadden@casagrandeaz.gov](mailto:kmadden@casagrandeaz.gov)

I hope this provides the information you require. If you have additional questions, please feel free to contact me at your convenience.

Sincerely,

Scott R. Miller  
Fire Chief



**Date:** October 9, 2013  
**To:** Topaz Regional Wireless Cooperative (TRWC) Board of Directors  
**From:** Dale Shaw, TRWC Executive Director  
Gary Bradbury, TRWC Executive Committee Chairman  
**Subject:** Town of Florence Interoperability Request

### **Recommendation**

The TRWC Executive Director and Executive Committee recommend that the TRWC Board of Directors authorize the Executive Director (or appropriate delegate) to develop and execute an interoperability agreement with the Town of Florence (Florence).

### **Background & Discussion**

At the TRWC Board of Directors meeting on July 18, 2013, The TRWC Board heard from Chief Peter Zick from the Florence Fire Department, where he expressed his interest in becoming a TRWC member. While a study is conducted for membership, we have elected to pursue Interoperability participation for Florence to ensure we support possible operations with TRWC public safety agencies. Should the Board of Directors elect to approve this request, the Executive Director will work with Florence to execute the current standard interoperability agreement with minor modification where appropriate.

### **Fiscal Impact**

No fiscal impact is anticipated beyond normal forecasted expenditures.



161 E Sixth Pl  
PO Box 1466  
Mesa, Arizona 85211-1466

**Date:** October 9, 2013  
**To:** TOPAZ Regional Wireless Cooperative (TRWC) Board of Directors  
**Through:** Dale Shaw, TRWC Executive Director  
**From:** Randy Thompson  
**Subject:** Administrator Update

### **Capital Projects**

No capital projects were budgeted for FY13/14.

### **Operations Summary**

**System Availability** – Please see the system availability chart at the bottom on this report. Since the last Administrator update on July, 2013, the availability has fallen below the goal of 99.999% availability twice. On July 25, 2013, at 12:30 PM, while troubleshooting a problem with the connectivity to the recently moved Shaw Butte site, the site was isolated from the system, causing it to go into site trunking for 4 minutes. On September 16, 2013, while installing the release A7.11 System Enhancement Release (SER), a Motorola technician inadvertently rebooted the active zone controller, putting the entire TOPAZ network into site trunking for 15 minutes. The major effect on users of this event was that the dispatch centers (Apache Junction Police, Gilbert Police, Mesa Fire, Mesa Police, and Mesa Utilities) had to switch to backup control stations to communicate with their units in the field.

**Peak Channel Usage** – Since the upgrade of the TRWC network to software release 7.11 in May, 2012, data on peak channel usage has been unavailable due to a software defect. It is unknown if this data will be recoverable. There have been no reports of busies from users during the period of July, 2013, through September, 2013. The software defect inhibiting the data for the reports was reportedly fixed in the SER installed September 16–19, 2013; please see item no. 2 below.

**Other Significant Events** – three significant events, as follows:

- 1) The TRWC radio site on the White Tanks mountains was moved to a new radio site on Shaw Butte on July 23, 2013. This was done to improve radio coverage on the west side of Phoenix. The coverage testing for Shaw Butte indicates that should provide much-improved radio coverage on the west side of Phoenix and the west valley. There has been no feedback from users (primarily law enforcement) regarding the coverage on the west side since the site was moved.
- 2) As reported above, the A7.11 SER was installed September 16–19, 2013. This SER was installed to fix a number of software defects. Unfortunately, two of the

reports that were incorrectly formatted but provided useable data are not functioning at all. In addition, none of the historical reports appear to be gathering data since the SER was installed on September 17, 2013. Cases have been opened and escalated with Motorola. Testing is underway to determine if the remaining software defects have been fixed.

- 3) The City of Mesa Engineering/Real Estate department contacted the Communications Department on August 8, 2013, regarding a new power line to be installed by Salt River Project near the TRW site, located on Meridian Road between Pecos and Germann Roads. This new line will provide power to a plant being constructed by Matheson Tri-Gas at Pecos and Meridian Roads to supply Oxygen to the nearby CMC Steel mini-mill. This new power line, which will operate at 69 kilovolts, will physically obstruct the microwave radio paths from the TRW site to the TOPAZ radio sites located at Apache Junction fire stations 262 and 264. Work is underway to raise the height to the microwave dishes at TRW above the power line obstruction. There will be no cost to the TRWC members other than the City of Mesa for this work.  
In addition to raising the microwave dish at the TRW site, this work will enable the accelerated replacement of the microwave radios on the TRW to Apache Junction Fire station 264 path. This will also allow the existing microwave radio for this path to be utilized as a source of replacement parts. This accelerated replacement will result in an expense to the TRWC operating budget of less than \$20,000, in the November or December, 2013, billings.

**Personnel** - nothing to report.



