



**Board of Directors  
Agenda  
December 2, 2021  
10:00 a.m. – 11:30 a.m.**

	ITEM	PRESENTER
1)	<b>Call to Order, Roll Call, Opening Comments</b>	Chair Paul Luizzi City of Goodyear
2)	<b>Call to the Public</b> A member of the public may request to address the Board by submitting a request to RWC staff via phone or email. Speakers will be considered at the sole discretion of the Board Chair and will be allotted no more than three (3) minutes to speak.	Chair Paul Luizzi City of Goodyear
3)	<b>Approval of RWC Board Meeting Minutes from the August 26, 2021 Meeting</b> <b>This item is for information, discussion, and action.</b>	Chair Paul Luizzi City of Goodyear  Est. 2 min.
4)	<b>Financial Update for Fiscal Year 2020/21 and Settlement Credit</b> The purpose of this item is to request Board approval for the Financial Update for Fiscal Year 2020/2021 and Settlement Credit. <b>This item is for information, discussion, and action.</b>	John Imig RWC Executive Director  Almira Santos RWC Accountant III  Est. 5 min.



<p>5)</p>	<p><b>SUA II Logging Recorder Billing and Contract (Continued from August 26, 2021)</b>  <b>Additional Information (See Attachment A)</b>          The purpose of this item is to seek Board approval for proposed changes to the Systems Upgrade Agreement II regarding loggers.  <b>This item is for information, discussion, and action.</b></p>	<p>John Imig          RWC Executive Director            Est. 10 min.</p>
<p>6)</p>	<p><b>New RWC Staff Position: Transport Specialist</b>          The purpose of this item is to request Board approval for an additional RWC staff position tasked with Ethernet Transport.  <b>This item is for information, discussion, and action.</b></p>	<p>John Imig          RWC Executive Director            Tom Grebner          City of Phoenix Wireless          Communications Manager            Est. 5 min.</p>
<p>7)</p>	<p><b>RWC Trunked Network Fiscal Year 2022/23 Subscriber Unit Rate</b>          The purpose of this item is to seek Board approval for the proposed RWC Trunked Network FY 2022/23 Subscriber Unit Rate.  <b>This item is for information, discussion, and action.</b></p>	<p>John Imig          RWC Executive Director            Almira Santos          RWC Accountant III            Est. 5 min.</p>
<p>8)</p>	<p><b>RWC Trunked Network Fiscal Year 2022/23 Budget Overview and 5-Year Plan</b>          The purpose of this item is to seek Board approval for the proposed RWC Trunked Network 2022/23 Budget and 5-Year Plan.  <b>This item is for information, discussion, and action.</b></p>	<p>John Imig          RWC Executive Director            Almira Santos          RWC Accountant III            Est. 5 min.</p>



<p><b>9)</b></p>	<p><b>RWC Conventional Network (VHF) Fiscal Year 2022/23 Subscriber Unit Rate, FY 23 Budget Overview and 5-Year Plan</b></p> <p>The purpose of this item is to seek Board approval for the proposed RWC VHF Network FY 2022/23 Subscriber Unit Rate, FY 23 Budget and 5-Year Plan.</p> <p><b>This item is for information, discussion, and action.</b></p>	<p>John Imig RWC Executive Director</p> <p>Almira Santos RWC Accountant III</p> <p>Est. 5 min</p>
<p><b>10)</b></p>	<p><b>Communications Systems Strategic Alliance Committee Appointments (Continued from August 26, 2021)</b></p> <p>The purpose of this item is to ask the Board to appoint an Executive Representative to Communications Systems Strategic Alliance Coordinating Council.</p> <p><b>This item is for information, discussion, and action.</b></p>	<p>John Imig RWC Executive Director</p> <p>Est. 5 min.</p>
<p><b>11)</b></p>	<p><b>Executive Director's Report</b></p> <ul style="list-style-type: none"> <li>A. RWC External Audit Update</li> <li>B. Executive Committee New Member</li> <li>C. ERRCS Position Vacancy</li> <li>D. Interference Detection System UASI Grant Update</li> <li>E. City of Phoenix ITS RWC Audit Update</li> </ul> <p><b>This item is for information and discussion.</b></p>	<p>John Imig RWC Executive Director</p> <p>Est. 5 min.</p>
<p><b>12)</b></p>	<p><b>Announcements, Public Comment, Future Agenda Items</b></p> <p>The purpose of this item is to communicate any Board announcements, additional public comment, or future agenda items.</p> <p><b>This item is for information only.</b></p>	<p>Chair Paul Luizzi City of Goodyear</p>



13)	<b>Adjourn</b>	Chair Paul Luizzi City of Goodyear
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**Regional Wireless Cooperative  
Board of Directors  
MINUTES  
December 2, 2021**

City of Phoenix  
200 W. Washington Street, 14th Floor  
Phoenix, Arizona 85003

<b>Board Members Present</b>		<b>Board Members Absent</b>
Chris DeChant – Arizona Fire and Medical Authority	Kris Dalmolin – Peoria	Buckeye Valley FD – Mark Burdick
Mike Folia* – Avondale	Steen Hambric – Phoenix	Milton “Douglas” Wiener” – FRBSF
Greg Platacz* – Buckeye	Robert Fisher* – Scottsdale	Rick St. John – Glendale
Val Gale - Chandler	Tracy Montgomery – Surprise	Harquahala FD – Jeff McMenemy
Alan Zangle – Daisy Mountain Fire District	Andrea Glass – Tempe	Roy Stanifer – Maricopa Community College District
Michael Long* – El Mirage	Les Brown - Wickenburg	Ron Deadman – Sun City Fire and Medical
Paul Luizzi – Goodyear		Ginger Sanabria – Tolleson
Wayne Clement – Guadalupe		
James Hughes – Maricopa		
Michael Cole* – Paradise Valley		
*Board Alternate	^Non-Voting Alternate	~Telephone Participant

<b>Staff and Public Present</b>		
John Imig – RWC	Nicholas Roosevelt – RWC	Selena Barner – RWC
Almira Santos – RWC		
~Telephone Participant		



**NOTE:** This meeting was conducted by WebEx conference only. RWC Administrative Staff attendees were accounted for prior to the start of the meeting. No roll call for other staff of RWC Members, other interested parties, or the public was taken.

**1. Call to Order, Roll Call and Opening Comments**

Board Chair Paul Luizzi, representing the City of Goodyear, called the meeting of the Regional Wireless Cooperative (RWC) Board of Directors (Board) to order at 10:00 AM. Chair Luizzi asked RWC Management Assistant, Nick Roosevelt (RWC) to take Roll Call.

**2. Call to the Public**

Chair Luizzi asked if there were any requests from the public to speak.

Selena Barner (RWC) replied that no requests were submitted.

**3. Approval of RWC Board Meeting Minutes from the August 26, 2021 Meeting**

Chair Luizzi asked the Board if there was any need for discussion on the draft minutes presented from the August 26, 2021, Board Meeting. There was no discussion.

A **MOTION** was made by Tracy Montgomery and **SECONDED** by James Hughes to approve the August 26, 2021, RWC Board meeting minutes.

**MOTION CARRIED UNANIMOUSLY (16-0)**

**4. Financial Update for Fiscal Year 2020/21 and Settlement Credit**

Almira Santos (RWC) presented the financial settlement from fiscal year 2020/21. She noted that the total Settlement Credit for FY21 was \$789,366.30 (including interest earned). Ms. Santos discussed some of the reasons for that variance and included a list of the amount due to each Member.

Val Gale (Chandler) asked if the Members could use their Settlement Credit towards the additional expenses like logging recorders. Mr. Imig said yes and stated that the Members who are interested in doing so will have their upgraded expenses subtracted from their Settlement Credit amount.

A **MOTION** was made by Val Gale and **SECONDED** by Alan Zangle to approve the recommendation as presented.

**MOTION CARRIED UNANIMOUSLY (16-0)**



**5. SUA II Logging Recorder Billing and Contract (Continued from August 26, 2021)**

Mr. Imig shared a spreadsheet and gave a detailed overview of the SUA II and the included logging recorders. He shared several billing options for logging recorders. Mr. Imig mentioned the suggestion made during the last RWC Board meeting was to keep the NICE logging recorders in the SUA II Contract, add the Variant and Eventide loggers and bill each Member for their loggers. He added that Motorola has agreed to give a 14% discount for logger upgrades. Mr. Imig went on to give additional information regarding the current SUA II.

Mr. Hughes asked if Members, who opted out, will have to pay more money than those who choose to stay in. Mr. Imig said it is possible and explained the reasons why. He continued to share information regarding the RWC negotiations with Motorola and their third-party vendor.

Chair Luizzi asked if Variant or Eventide loggers would cost the same amount as a NICE Logger under Option C. Michael Burner (Motorola) stated that the fees will vary based on the hardware and equipment that the Member has. Chair Luizzi then asked if the RWC will get involved in future upgrades after FY23 and will that force Members to purchase more expense options. Mr. Imig directed the Members to turn to one of the attachments as he explained the steps necessary for replacement equipment under the SUA II. Chair Luizzi asked for clarification that each jurisdiction will have a right to pick the logger option of their choice and will not be forced to pick just one option by the RWC. Mr. Imig stated that was correct. Mr. Imig stated that the RWC wants to ensure that the hardware that connects to the system is operating at the appropriate level to prevent endangering the system upgrade.

Mr. Gale stated that if the City of Chandler chose Option C as the EC and RWC suggested it would be about a \$60,000 increase. He inquired if this would be a one-time fee or an annual charge. Ms. Santos stated that this would be an annual fee and explained in detail how the fees are scheduled. Mr. Imig shared that there is a \$60,000 difference between what the current cost is for maintaining the City of Chandler two NICE Loggers minus what they are currently paying as their portion of the overall cost of all five (5) NICE loggers. Ms. Santos referred Mr. Gale back the graph that illustrated the annual fees.

Kris Dalmolin (Peoria) asked for clarification regarding Option C and opting out. Mr. Imig explained in detail what would take place if a member opted out.



Mr. Imig went on to explain why Option C would be a better solution for everyone and why this choice was recommended by the Executive Committee (EC). He also reiterated that each Member will still be able to pick the best option for their jurisdiction under Option C.

A **MOTION** was made by Tracy Montgomery and **SECONDED** by Mike Folia to approve the recommendation (Option C) as presented.

**MOTION CARRIED UNANIMOUSLY (16-0)**

**6. New RWC Staff Position: Transport Specialist**

Thomas Grebner (Phoenix) explained the role of a Transport Specialist and the importance of filling the position as soon as possible. He mentioned that they are looking into starting this position as a temporary full time appointment at the beginning of the year and converting to a permanent position in July.

Mr. Imig shared that the Transport Specialist position will not be fully funded until FY23 and will need the Board's approval. He stated that he met with Mr. Grebner and they agreed to fund this position using Contingency Funds for the last two quarters of FY22.

A **MOTION** was made by Alan Zangle and **SECONDED** by Steen Hambric to approve the recommendation as presented.

**MOTION CARRIED UNANIMOUSLY (16-0)**

**7. RWC Trunked Network Fiscal Year 2022/23 Subscriber Unit Rate**

Ms. Santos presented the subscriber unit rate for the Trunked Network for fiscal year 2022/23. She mentioned that the projected rate, if approved, will be \$34.48, which represents a \$1.02 increase from the current rate of \$33.46 due to communications services increases and other additional expenses.

Mr. Hughes asked if the amount in the contingency fund was enough to cover unanticipated costs. Mr. Imig said yes and explained the reasons why the RWC staff believes the annual contingency fund is adequately working and discussed the UASI grant. Mr. Imig also stated that if the contingency fund is ever a concern the RWC will bring the matter before the Board.

A **MOTION** was made by Alan Zangle and **SECONDED** by Chris DeChant to approve the recommendation as presented.

**MOTION CARRIED UNANIMOUSLY (16-0)**





**8. RWC Trunked Network Fiscal Year 2022/23 Budget Overview and 5-Year Plan**

Ms. Santos presented the Trunked Network 5-year plan. The report listed an estimated projection for FY23 and the four following years with a breakdown for each Member.

Mr. Imig shared why the budget was presented separately and explained that the report will be updated once Item #5 is implemented.

A **MOTION** was made by James Hughes and **SECONDED** by Kris Dalmolin to approve the recommendation as presented.

**MOTION CARRIED UNANIMOUSLY (16-0)**

**9. RWC Conventional Network (VHF) Fiscal Year 2022/23 Subscriber Unit Rate, FY 23 Budget Overview and 5-Year Plan**

Ms. Santos presented the subscriber unit rate for the VHF Network for fiscal year 2022/23. She mentioned that the projected rate, if approved, will be \$9.72, which represents a \$0.56 decrease from the current rate of \$10.28 due to an increase in radio counts and a decrease in communications services.

Ms. Santos also presented the VHF Network 5-year plan. The report included an estimated projection for FY23 and the four following years including a breakdown for each Member.

*(City of Tempe: Board Representative Andrea Glass took over for Board Alternative Mark Wittenburg. Number of Board Members present stays at 16.)*

A **MOTION** was made by Andrea Glass and **SECONDED** by Tracy Montgomery to approve the recommendation as presented.

**MOTION CARRIED UNANIMOUSLY (16-0)**

**10. Communications Systems Strategic Alliance Committee Appointments (Continued from August 26, 2021)**

Mr. Imig explained the CSSA Committee Appointments in detail. He shared that the representatives for the RWC will be James Hughes (Maricopa) as the CSSA's Coordinating Council Representative and Shauna Henrie (Goodyear) as an additional CSSA Technical Representative.



A **MOTION** was made by Mike Folia and **SECONDED** by Andrea Glass to approve the recommendation as presented.

**MOTION CARRIED UNANIMOUSLY (16-0)**

## **11. Executive Director's Report**

### **A. RWC External Audit Update**

Mr. Imig stated that the financial audit should be completed within the next two weeks. He mentioned that they will have a representative from CLA present to the Board at the February Board meeting.

### **B. Executive Committee New Member**

Mr. Imig shared that Feroz Merchhiya (Glendale) was selected to fill the vacant Information Technology Representative seat on the Executive Committee.

### **C. ERRCS Position Vacancy**

Mr. Imig shared that they are working within the new City of Phenix hiring platform to fill this position.

### **D. Interference Detection System UASI Grant Update**

Mr. Grebner shared that they received the equipment for the four sites. He gave a detailed overview on the work that was completed and mentioned that they are currently preparing to run 30-day testing throughout the system.

Mr. Imig mentioned how critical this project is. He added that it has the potential to expanded and to gain wider coverage in the future.

### **E. City of Phoenix ITS RWC Audit Update**

Mr. Imig explained that the City of Phoenix completed an internal technical audit on the Radio System side of the ITS Department.

Chair Luizzi asked if it was possible to see the results and/or action plans for the ITS RWC audit. Mr. Imig said that they would provide the Board with an overview at the February Board Meeting.

## **12. Announcements, Public Comment, Future Agenda Items**

There was no discussion on this item.



### **13. Adjournment**

Chair Luizzi requested a motion to adjourn the meeting at 11:18 AM.

A **MOTION** was made by Andrea Glass and **SECONDED** by Tracy Montgomery to adjourn the May 20, 2021, Board Meeting.

**MOTION CARRIED UNANIMOUSLY (18-0)**

Respectfully Submitted,  
Selena Barner – Administrative Aide



**BOARD OF DIRECTORS REPORT**

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	Almira Santos, RWC Accountant III	Item 4	
SUBJECT:	<b>FINANCIAL UPDATE FOR FISCAL YEAR 2020/21 AND SETTLEMENT CREDIT</b>		

**BACKGROUND**

The purpose of this report is to present the Fiscal Year (FY) 2020/21 financial updates to the RWC Board of Directors.

**THE ISSUE**

The RWC Governance requires that year-end expenditure reporting be provided to the RWC Board of Directors. This report is a summary of the total revenues and expenses for FY 2020/21. Total revenues collected for the fiscal year ended June 30, 2021 were \$8,307,581.16 and total actual operations and maintenance (O&M) expenditures were \$7,518,214. Total revenues exceeded total expenses for members by \$754,468.30. After adding interest earned for FY21 of \$34,898, a total settlement credit of \$789,366.30 will be go back to the membership.

RWC budget to actuals variances occurred in the following areas:

- Contingency Fund was not heavily utilized
- ITS cost savings by means of unanticipated salary savings, fewer public works charges, and other unbilled charges resulting in a \$316K cost reduction
- Preventative and Facility Maintenance work orders delayed due to COVID restrictions resulting in \$20K unutilized funds

Settlement credits for each member are presented on the next page.

**Proposed Regional Wireless Cooperative Settlement Credits**

<b>Member</b>	<b>2020/21 Settlement</b>
Arizona Fire & Medical Authority	\$ (10,550.09)
Avondale	(18,386.72)
Buckeye	(16,231.04)
Chandler	(39,480.66)
Daisy Mountain	(10,357.83)
El Mirage	(6,972.21)
Glendale	(42,060.02)
Goodyear	(20,939.30)
Guadalupe	(1,108.27)
Maricopa	(10,982.03)
Maricopa County Community College District	(6,362.69)
Paradise Valley	(2,167.48)
Peoria	(36,258.96)
Phoenix	(413,735.21)
Scottsdale	(57,176.17)
Sun City FD	(5,634.47)
Surprise	(24,361.23)
Tempe	(60,690.16)
Tolleson	(5,911.76)
	<u><u>\$ (789,366.30)</u></u>

**RECOMMENDATION**

The Executive Director, after review and approval by the Executive Committee, recommends Board approval for the fiscal year 2020/21 Financial Update and Settlement Credit and to issue each member their respective credit memo.



## BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	John Imig, RWC Executive Director Nicholas Roosevelt, RWC Management Assistant I Almira Santos, RWC Accountant III		Item 5
SUBJECT:	<b>SUA II LOGGING RECORDER BILLING AND CONTRACT (Continued from August 26, 2021) Additional Information (See Attachment A)</b>		

### PURPOSE

The purpose of this item is to provide possible billing changes regarding logging recorders in the System Upgrade Agreement (SUA II).

### BACKGROUND

The RWC has been heavily focused with providing efficiency and equity across the Network. Beginning in Fall 2020, RWC staff and other stakeholders began working closely with Motorola working to extrapolate the annual costs of the NICE (brand) logging recorders which had been made part of the SUA II in July 2018. It was clear that while the NICE logging recorders are part of the SUA II they are only utilized by Members who have communication (dispatch) centers *and* use the NICE brand. This means that while only a *few* members are using logging recorders, *all* members are paying for it. Staff has therefore prepared a series of options available to the Board which are seen below.

### DISCUSSION

The following options have been proposed to bring more Member equality to the SUA II billing. New or amended options may also be considered at the discretion of the Board. The currently proposed options are listed below by color and are shown correspondingly in the spreadsheet (Attachment A).

**“Status Quo:” All members continue to pay for the NICE loggers as part of the SUA II.** Currently, the SUA II includes NICE loggers, and the cost of the loggers are equally distributed across all members. This is seen in yellow and referred to as the Status Quo. In this line you will see your agency’s upcoming billing as it currently stands. If unchanged, members will continue to pay their SUA II costs as normal including NICE loggers, regardless of logger ownership.

**Option A: Remove NICE loggers from the SUA II and have members seek their own contracts.** If NICE loggers were removed from the SUA II contract outright, members currently using NICE would need to seek out their own vendor contracts to continue the service. Via the SUA II, NICE users are currently receiving a 14% discount. It is likely that this discount would be unattainable when seeking individual contracts.

**Option B: Keep NICE loggers in the SUA II but bill the specific NICE user agencies *only*.** In this option nothing will change within the SUA II contract set up, only in the way the RWC currently bills the members. This would enhance equity as the members using NICE would be solely responsible for it. Non-NICE using members would continue to pay their share of the SUA II but without the loggers factored in. The agency breakdown for FY 2022-2027 is shown in Attachment B.

**Option C: Work with Motorola to add Verint and Eventide brand logging recorders to the SUA II and bill the user agencies *only*.** Motorola has provided the costs associated with adding Verint and Eventide loggers into the SUA II. The pricing for the Fiscal Year 2022/23 is shown in the Verint and Eventide columns this includes a 14% discount. If this route was chosen, the SUA II would be amended to include Verint and Eventide. Each agency would be billed for their respective portion of the SUA II and their own logging recorders. The breakdown for the remainder of the SUA II costs are shown in Attachment C.

Additionally, Motorola does not have any contractual responsibility to upgrade loggers not covered within the SUA II agreement. In the past they have covered, or in the case of 2021 split the cost with the RWC, but they have made it clear this will not happen again. If the loggers outside the contract are not addressed, it will mean the agencies will need to budget and plan for these costs on their own. The RWC would do all it can to facilitate the logger budgeting but costs outside of RWC contracts would be difficult to manage. Not addressing this within the SUA II contract may lead to budgetary surprises and potential upgrade delays.

### **RECOMMENDATION**

The RWC Executive Director, after review and approval by the Executive Committee, recommends Board approval of Option C, to work with Motorola to add all logging recorders to the SUA II and bill each member individually for their own logger upgrades beginning in FY 23, based on the new information provided in Attachment A.

Attachments:

**A) Additional Info Memo**

B) FY 2022/23 SUA II Logging Recorder Breakdown (Original Info)

C) FY 2023-2027 NICE Logging Recorder Breakdown (Original Info)

D) FY 2023-2027 Eventide and Verint Logging Recorder Breakdown (Original Info)

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ATTACHMENT A (1) ADDITIONAL INFORMATION MEMO

FY 2022/23 SUA II LOGGING RECORDER BREAKDOWN

Member Agency	Radio Count Using Oct-21	Status Quo	Option A SUA II Contract w/o NICE Logger	Option B NICE Logger	NICE Logger	Verint Logger	Eventide Logger	Option C All Loggers Included	Variance from Status Quo to Option C
Arizona Fire & Medical Authority	160	22,860.06	20,161.59					20,161.59	(2,698.47)
AFMA	126	18,002.30	15,877.25					15,877.25	(2,125.05)
North County Fire & Medical Dist	27	3,857.64	3,402.27					3,402.27	(455.37)
Sun Lakes Fire District	7	1,000.13	882.07					882.07	(118.06)
City of Avondale	470	67,151.44	59,224.68				18,061.08	77,285.76	10,134.32
City of Buckeye	395	56,435.78	49,773.93				19,218.13	68,992.06	12,556.28
Buckeye Valley FD	99	14,144.66	12,474.99					12,474.99	(1,669.68)
City of Chandler	1,036	148,018.91	130,546.32	78,014.00				208,560.32	60,541.41
Daisy Mountain Fire District	124	17,716.55	15,625.24					15,625.24	(2,091.31)
City of El Mirage	146	20,859.81	18,397.45					18,397.45	(2,462.35)
Federal Reserve Bank	28	4,000.51	3,528.28					3,528.28	(472.23)
City of Glendale	1,026	146,590.16	129,286.22		56,704.66			185,990.88	39,400.72
City of Goodyear	469	67,008.56	59,098.67			39,991.83		99,090.50	32,081.94
Town of Guadalupe	14	2,000.26	1,764.14					1,764.14	(236.12)
Harquahala FD	10	1,428.75	1,260.10					1,260.10	(168.65)
City of Maricopa	276	39,433.61	34,778.75				20,529.83	55,308.58	15,874.97
Maricopa County Comm Colleges	231	33,004.22	29,108.30	23,995.00				53,103.30	20,099.08
Town of Paradise Valley	79	11,287.16	9,954.79					9,954.79	(1,332.37)
City of Peoria	844	120,586.84	106,352.41	29,596.00			33,928.99	169,877.40	49,290.56
City of Phoenix	10,570	1,510,192.95	1,331,925.27	192,224.00		98,722.30		1,622,871.57	112,678.63
City of Scottsdale	1,564	223,457.12	197,079.58			69,206.19		266,285.77	42,828.65
Sun City Fire District	66	9,429.78	8,316.66					8,316.66	(1,113.12)
City of Surprise	538	76,866.96	67,793.36				49,537.60	117,330.96	40,463.99
City of Tempe	1,457	208,169.45	183,596.51	19,046.00				202,642.51	(5,526.94)
City of Tolleson Fire & PD	136	19,431.05	17,137.35				19,324.22	36,461.57	17,030.52
<b>Total</b>	<b>19,738</b>	<b>2,820,074.59</b>	<b>2,487,184.59</b>	<b>342,875.00</b>	<b>56,704.66</b>	<b>207,920.32</b>	<b>160,599.85</b>	<b>3,255,284.42</b>	<b>435,209.83</b>



Item 5

ATTACHMENT A (2) ADDITIONAL INFORMATION MEMO

FY 2022/23 SUA II LOGGING RECORDER BREAKDOWN

RWC SUAII NICE PRICING								
	2021	2022	2023	2024	2025	2026	2027	
Chandler	\$73,536	\$75,742	\$78,014	\$80,355	\$82,764	\$85,248	\$87,805	
MCCCD	\$22,618	\$23,296	\$23,995	\$24,715	\$25,456	\$26,220	\$27,007	
Peoria	\$27,897	\$28,734	\$29,596	\$30,484	\$31,398	\$32,340	\$33,310	
Phoenix	\$137,638	\$141,767	\$146,020	\$150,400	\$154,912	\$159,560	\$164,346	
Sky Harbor	\$43,552	\$44,859	\$46,204	\$47,590	\$49,018	\$50,489	\$52,003	
Tempe	\$17,955	\$18,493	\$19,046	\$19,619	\$20,209	\$20,814	\$21,439	
	\$323,195	\$332,890	\$342,875	\$353,164	\$363,758	\$374,671	\$385,911	\$3,390,655

Item 5

ATTACHMENT A (3) ADDITIONAL INFORMATION MEMO

**Phoenix RWC – Pricing per Agency**

	2023	2024	2025	2026	2027	TOTAL
<b>Eventide SYS - Quoted each agency individually</b>						
Peoria	\$ 33,928.99	\$ 34,978.34	\$ 36,027.69	\$ 37,108.52	\$ 38,221.77	\$ 180,265.31
Surprise	\$ 49,537.60	\$ 51,069.69	\$ 52,601.78	\$ 54,179.84	\$ 55,805.23	\$ 263,194.14
Avondale	\$ 18,061.08	\$ 18,619.67	\$ 19,178.26	\$ 19,753.61	\$ 20,346.22	\$ 95,958.85
Buckeye	\$ 19,218.13	\$ 19,812.50	\$ 20,406.88	\$ 21,019.08	\$ 21,649.65	\$ 102,106.23
Maricopa	\$ 20,529.83	\$ 21,164.77	\$ 21,799.72	\$ 22,453.71	\$ 23,127.32	\$ 109,075.34
Tolleson	\$ 19,324.22	\$ 19,921.88	\$ 20,519.53	\$ 21,135.12	\$ 21,769.17	\$ 102,669.91
<b>Verint SYS - Quoted each agency individually</b>						
Phoenix Fire	\$ 98,722.30	\$ 101,775.57	\$ 104,828.84	\$ 107,973.70	\$ 111,212.91	\$ 524,513.32
Goodyear	\$ 39,991.83	\$ 41,228.69	\$ 42,465.55	\$ 43,739.52	\$ 45,051.71	\$ 212,477.31
Scottsdale	\$ 69,206.19	\$ 71,346.59	\$ 73,486.99	\$ 75,691.60	\$ 77,962.35	\$ 367,693.72
Glendale (NICE)	\$ 56,704.66	\$ 58,458.41	\$ 60,212.16	\$ 62,018.53	\$ 63,879.08	\$ 301,272.84
Yearly Total	\$ 425,224.83	\$ 438,376.11	\$ 451,527.40	\$ 465,073.22	\$ 479,025.41	
<b>Contract Total</b>						<b>\$ 2,259,226.97</b>

Hardware Replacement Cycle

2023: Peoria, Surprise, Avondale, Buckeye, and Tolleson

2024: Goodyear

2025: Scottsdale

2026: Phoenix Fire and Maricopa

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ATTACHMENT A (4) ADDITIONAL INFORMATION MEMO

FISCAL IMPACT FOR LOGGER MEMBER IF USING SETTLEMENT CREDIT AND/OR UPCOMING TDMA REFUND

Member Agency	Status Quo	Option C All Loggers Included	Variance from Status Quo to Option C	FY21	Variance	TDMA	Final cost
				Settlement Credit (SC)	after using SC	Credit Balance	after using SC & TDMA
City of Avondale	67,151.44	77,285.76	10,134.32	(18,386.72)	(8,252.40)	(25,078.16)	(33,330.56)
City of Buckeye	56,435.78	68,992.06	12,556.28	(16,231.04)	(3,674.76)	-	(3,674.76)
City of Chandler	148,018.91	208,560.32	60,541.41	(39,480.66)	21,060.75	(179,116.78)	(158,056.03)
City of Glendale	146,590.16	185,990.88	39,400.72	(42,060.02)	(2,659.30)		(2,659.30)
City of Goodyear	67,008.56	99,090.50	32,081.94	(20,939.30)	11,142.64		11,142.64
City of Maricopa	39,433.61	55,308.58	15,874.97	(10,982.03)	4,892.94	(3,891.57)	1,001.37
Maricopa County Comm Colleges	33,004.22	53,103.30	20,099.08	(6,362.69)	13,736.39	(2,259.84)	11,476.55
City of Peoria	120,586.84	169,877.40	49,290.56	(36,258.96)	13,031.61	(1,854.43)	11,177.18
City of Phoenix	1,510,192.95	1,622,871.57	112,678.63	(413,735.21)	(301,056.58)		(301,056.58)
City of Scottsdale	223,457.12	266,285.77	42,828.65	(57,176.17)	(14,347.53)	(187,637.76)	(201,985.29)
City of Surprise	76,866.96	117,330.96	40,463.99	(24,361.23)	16,102.77	(73,732.14)	(57,629.37)
City of Tempe	208,169.45	202,642.51	(5,526.94)	(60,690.16)	(66,217.10)	-	(66,217.10)
City of Tolleson Fire & PD	19,431.05	36,461.57	17,030.52	(5,911.76)	11,118.76	(4,183.31)	6,935.45

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ATTACHMENT A (5) ADDITIONAL INFORMATION MEMO

Fiscal Impact by Member if Using Settlement Credit and Upcoming TDMA Refund

Member Agency	Status Quo	Option C All Loggers Included	Variance from Status Quo to Option C	FY21	Variance	TDMA	Final cost
				Settlement Credit (SC)	after using SC	Credit Balance	after using SC & TDMA
Arizona Fire & Medical Authority	22,860.06	20,161.59	(2,698.47)	(10,550.09)	(13,248.56)	(6,482.47)	(19,731.03)
AFMA	18,002.30	15,877.25	(2,125.05)	(10,550.09)	(12,675.14)		(12,675.14)
North County Fire & Medical Dist	3,857.64	3,402.27	(455.37)		(455.37)	(4,885.68)	(5,341.05)
Sun Lakes Fire District	1,000.13	882.07	(118.06)		(118.06)	(1,596.79)	(1,714.85)
City of Avondale	67,151.44	77,285.76	10,134.32	(18,386.72)	(8,252.40)	(25,078.16)	(33,330.56)
City of Buckeye	56,435.78	68,992.06	12,556.28	(16,231.04)	(3,674.76)	-	(3,674.76)
Buckeye Valley FD	14,144.66	12,474.99	(1,669.68)		(1,669.68)		(1,669.68)
City of Chandler	148,018.91	208,560.32	60,541.41	(39,480.66)	21,060.75	(179,116.78)	(158,056.03)
Daisy Mountain Fire District	17,716.55	15,625.24	(2,091.31)	(10,357.83)	(12,449.15)		(12,449.15)
City of El Mirage	20,859.81	18,397.45	(2,462.35)	(6,972.21)	(9,434.56)	(3,735.00)	(13,169.56)
Federal Reserve Bank	4,000.51	3,528.28	(472.23)		(472.23)		(472.23)
City of Glendale	146,590.16	185,990.88	39,400.72	(42,060.02)	(2,659.30)		(2,659.30)
City of Goodyear	67,008.56	99,090.50	32,081.94	(20,939.30)	11,142.64		11,142.64
Town of Guadalupe	2,000.26	1,764.14	(236.12)	(1,108.27)	(1,344.39)	(2,778.51)	(4,122.90)
Harquahala FD	1,428.75	1,260.10	(168.65)		(168.65)		(168.65)
City of Maricopa	39,433.61	55,308.58	15,874.97	(10,982.03)	4,892.94	(3,891.57)	1,001.37
Maricopa County Comm Colleges	33,004.22	53,103.30	20,099.08	(6,362.69)	13,736.39	(2,259.84)	11,476.55
Town of Paradise Valley	11,287.16	9,954.79	(1,332.37)	(2,167.48)	(3,499.85)		(3,499.85)
City of Peoria	120,586.84	169,877.40	49,290.56	(36,258.96)	13,031.61	(1,854.43)	11,177.18
City of Phoenix	1,510,192.95	1,622,871.57	112,678.63	(413,735.21)	(301,056.58)		(301,056.58)
City of Scottsdale	223,457.12	266,285.77	42,828.65	(57,176.17)	(14,347.53)	(187,637.76)	(201,985.29)
Sun City Fire District	9,429.78	8,316.66	(1,113.12)	(5,634.47)	(6,747.58)	(5,137.56)	(11,885.14)
City of Surprise	76,866.96	117,330.96	40,463.99	(24,361.23)	16,102.77	(73,732.14)	(57,629.37)
City of Tempe	208,169.45	202,642.51	(5,526.94)	(60,690.16)	(66,217.10)	-	(66,217.10)
City of Tolleson Fire & PD	19,431.05	36,461.57	17,030.52	(5,911.76)	11,118.76	(4,183.31)	6,935.45
<b>Total</b>	<b>2,820,074.59</b>	<b>3,255,284.42</b>	<b>435,209.83</b>	<b>(789,366.30)</b>	<b>(354,156.47)</b>	<b>(495,887.53)</b>	<b>(850,044.00)</b>

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ATTACHMENT B. FY 2022/23 SUA II LOGGING RECORDER BREAKDOWN (Original Info)

Member Agency	Radio Count Using July 2021	Status Quo	Option A SUA II Contract w/o NICE Logger	Option B NICE Logger	Verint Logger	Eventide Logger	Option C All Loggers Included	Variance from Status Quo to Option C
Arizona Fire & Medical Authority	160	22,877.45	20,095.93				20,095.93	(2,781.52)
AFMA	126	18,015.99	15,825.54				15,825.54	(2,190.45)
North County Fire & Medical Dist	27	3,860.57	3,391.19				3,391.19	(469.38)
Sun Lakes Fire District	7	1,000.89	879.20				879.20	(121.69)
City of Avondale	468	66,916.54	58,780.58			18,061.08	76,841.66	9,925.12
City of Buckeye	385	55,048.86	48,355.82			19,218.13	67,573.95	12,525.09
Buckeye Valley FD	95	13,583.49	11,931.96				11,931.96	(1,651.53)
City of Chandler	1,035	147,988.50	129,995.52	78,014.00			208,009.52	60,021.02
Daisy Mountain Fire District	124	17,730.02	15,574.34				15,574.34	(2,155.68)
City of El Mirage	145	20,732.69	18,211.93				18,211.93	(2,520.76)
Federal Reserve bank	27	3,860.57	3,391.19				3,391.19	(469.38)
City of Glendale	1,023	146,272.69	128,488.32				128,488.32	(17,784.37)
City of Goodyear	460	65,772.67	57,775.79		39,991.83		97,767.62	31,994.95
Town of Guadalupe	14	2,001.78	1,758.39				1,758.39	(243.38)
Harquahala FD	10	1,429.84	1,256.00				1,256.00	(173.85)
City of Maricopa	267	38,176.74	33,535.08				33,535.08	(4,641.67)
Marciopa County Comm Colleges	230	32,886.33	28,887.89	23,995.00			52,882.89	19,996.56
Town of Paradise Valley	79	11,295.74	9,922.36				9,922.36	(1,373.38)
City of Peoria	847	121,107.50	106,382.80	29,596.00		33,928.99	169,907.79	48,800.30
City of Phoenix	10,608	1,516,774.89	1,332,359.84	192,224.00	98,722.30		1,623,306.14	106,531.25
City of Scottsdale	1,541	220,338.43	193,548.88		69,206.19		262,755.07	42,416.64
Sun City Fire District	66	9,436.95	8,289.57				8,289.57	(1,147.38)
City of Surprise	546	78,069.30	68,577.34			49,537.60	118,114.94	40,045.65
City of Tempe	1,457	208,327.77	182,998.52	19,046.00			202,044.52	(6,283.25)
City of Tolleson Fire & PD	136	19,445.83	17,081.54				17,081.54	(2,364.30)
<b>Total</b>	<b>19,723</b>	<b>2,820,074.59</b>	<b>2,477,199.59</b>	<b>342,875.00</b>	<b>207,920.32</b>	<b>120,745.80</b>	<b>3,148,740.71</b>	<b>328,666.12</b>

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ATTACHMENT C. FY 2023-2027 CURRENT CONTRACT NICE LOGGING RECORDER BREAKDOWN (Original Info)

<b>NICE Price by Agency (Includes 14% SUA II Discount)</b>					
	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Chandler	\$78,014	\$80,355	\$82,764	\$85,248	\$87,805
MCCCD	\$23,995	\$24,715	\$25,456	\$26,220	\$27,007
Peoria	\$29,596	\$30,484	\$31,398	\$32,340	\$33,310
Phoenix	\$146,020	\$150,400	\$154,912	\$159,560	\$164,346
Sky Harbor	\$46,204	\$47,590	\$49,018	\$50,489	\$52,003
Tempe	\$19,046	\$19,619	\$20,209	\$20,814	\$21,439
<b>Total</b>	<b>\$342,875</b>	<b>\$353,164</b>	<b>\$363,758</b>	<b>\$374,671</b>	<b>\$385,911</b>

**ITEM 5**

**ATTACHMENT D. FY 2023-2027 ADDITIONAL LOGGING RECORDERS BREAKDOWN (Original Info)**

<b>LOGGERS BY AGENCY</b> (Includes 14% SUA II Discount)	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>TOTAL</b>
<b>Eventide SYS</b>						
Peoria	\$ 33,928.99	\$ 34,978.34	\$ 36,027.69	\$ 37,108.52	\$ 38,221.77	<b>\$ 180,265.31</b>
Surprise	\$ 49,537.60	\$ 51,069.69	\$ 52,601.78	\$ 54,179.84	\$ 55,805.23	<b>\$ 263,194.14</b>
Avondale	\$ 18,061.08	\$ 18,619.67	\$ 19,178.26	\$ 19,753.61	\$ 20,346.22	<b>\$ 95,958.85</b>
Buckeye	\$ 19,218.13	\$ 19,812.50	\$ 20,406.88	\$ 21,019.08	\$ 21,649.65	<b>\$ 102,106.23</b>
<b>Verint SYS</b>						
Phoenix Fire	\$ 98,722.30	\$ 101,775.57	\$ 104,828.84	\$ 107,973.70	\$ 111,212.91	<b>\$ 524,513.32</b>
Goodyear	\$ 39,991.83	\$ 41,228.69	\$ 42,465.55	\$ 43,739.52	\$ 45,051.71	<b>\$ 212,477.31</b>
Scottsdale	\$ 69,206.19	\$ 71,346.59	\$ 73,486.99	\$ 75,691.60	\$ 77,962.35	<b>\$ 367,693.72</b>
<b>NICE</b>						
Glendale	\$ 56,704.66	\$ 58,458.41	\$ 60,212.16	\$ 62,018.53	\$ 63,879.08	<b>\$ 301,272.84</b>
	<b>\$ 385,370.78</b>	<b>\$ 397,289.47</b>	<b>\$ 409,208.15</b>	<b>\$ 421,484.39</b>	<b>\$ 434,128.93</b>	<b>\$ 2,047,481.72</b>



## BOARD OF DIRECTORS REPORT

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	Thomas Grebner, Wireless Communications Manager		Item 6
SUBJECT:	<b>NEW RWC STAFF POSITION: TRANSPORT SPECIALIST</b>		

### BACKGROUND

The City of Phoenix/RWC Network is transitioning from the legacy Time Division Multiplexing (TDM) Transmission System 1 (T1) based to an all-Multiprotocol Label Switching (MPLS) Ethernet backhaul network. The RWC is currently changing out/upgrading all the microwave radios and networking equipment to meet the Motorola Ethernet requirements.

### THE ISSUE

Maintaining an all-Ethernet network involves special skills. Just as it requires knowledge of Ethernet network equipment, so too it needs a concrete understanding of microwave radios. The network operates with redundant paths, thus the task of managing the traffic routing/mapping and monitoring is critical. These specific needs, and scope of task necessitates the addition of a Transport Specialist. For position in organization please see Attachment A.

The primary responsibilities of this position are to:

- Work with the team lead in the design of network
- Maintain detailed routing/mapping documentation of the Ethernet network
- Supervise and train technicians in network maintenance and testing
- Work with the City of Scottsdale's team in the overall design and maintenance of Simulcast H, Zone 3 network

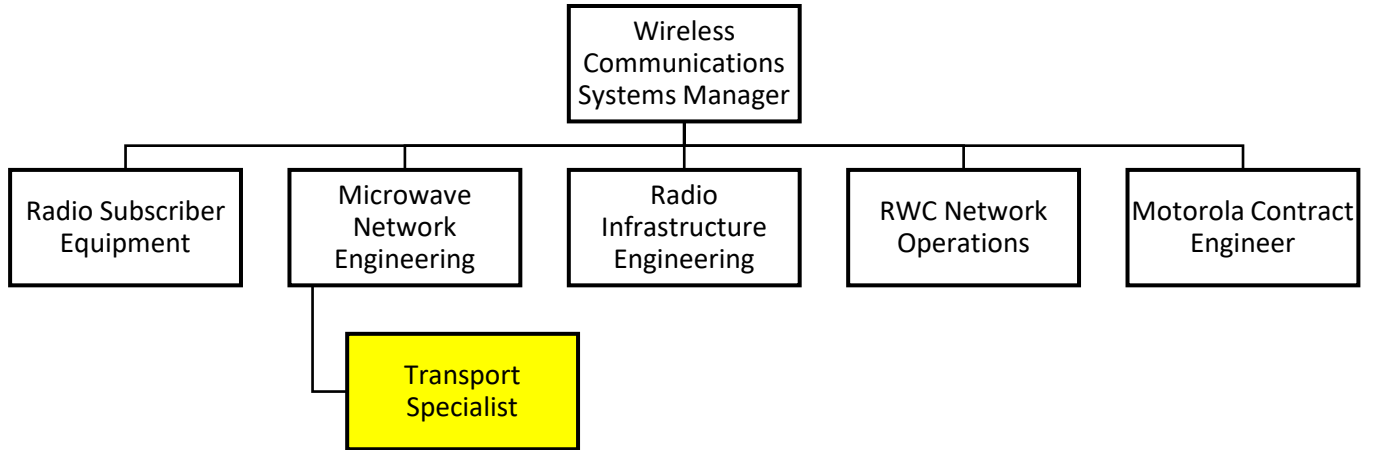
### RECOMMENDATION

The RWC Executive Director, after review and approval by the Executive Committee, recommends Board approval of the creation of a new RWC staff position for a Transport Specialist.



Item 6. Attachment A.

PHOENIX INFORMATION TECHNOLOGY SERVICES WIRELESS COMMUNICATION SYSTEMS  
SERVICES ORGANIZATONAL CHART





**BOARD OF DIRECTORS REPORT**

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	John Imig, RWC Executive Director Almira Santos, Accountant III		Item 7
SUBJECT:	<b>RWC TRUNKED NETWORK FISCAL YEAR 2022/23 SUBSCRIBER UNIT RATE</b>		

**BACKGROUND**

The purpose of this report is to present the FY2022/23 subscriber unit rate for the RWC Trunked Network.

**THE ISSUE**

The subscriber unit rate is determined by dividing the staffing, operations, and maintenance budget by the number of subscriber units estimated to be on the network FY 2022/23. The rate for FY2022/23, if approved, will be \$34.48, which represents a \$1.02 increase from the current rate of \$33.46. The reasons for the rate increase are as follows:

- Cost increase in telecommunication services in conjunction with the required system Ethernet upgrade
- Motorola Service Agreement contract cost increases
- Administrative Manager cost increases
- New position request – Transport Specialist

<b>Annual Staffing, O&amp;M</b>	<b>\$ 8,235,398</b>
<b>Subscriber Units</b>	<b>19,905</b>
<b>Monthly Subscriber Rate</b>	<b>\$ 34.48</b>

For planning purposes, the summary of the RWC’s 2022/23 budget by member is reflected on the following page.

## RWC Trunked Network FY22/23 Budget Detail

Member	Oct 2021 Radio Count	FY23 O&M/ Staffing
Arizona Fire & Medical Authority	160	66,197.62
Avondale	470	194,455.52
Buckeye	395	163,425.38
Buckeye Valley FD	99	40,959.78
Chandler	1,036	428,629.61
Daisy Mountain	124	51,303.16
El Mirage	146	60,405.33
Federal Reserve Bank	28	11,584.58
Glendale	1,026	424,492.26
Goodyear	469	194,041.78
Guadalupe	14	5,792.29
Harquahala FD	10	4,137.35
Maricopa	276	114,190.90
Maricopa County Community College District	231	95,572.82
Paradise Valley	79	32,685.08
Peoria	844	349,192.46
Phoenix	10,570	4,373,180.45
Scottsdale	1,564	647,081.76
Sun City Fire	66	27,306.52
Surprise	538	222,589.51
Tempe	1,457	602,812.10
Tolleson Fire & PD	136	56,267.98
<b>Members Subtotal</b>	<b>19,738</b>	<b>8,166,304.23</b>
<b>Associates</b>		
Rural Metro	108	44,683.40
Maricopa Ambulance	59	24,410.37
<b>Associates Subtotal</b>	<b>167</b>	<b>69,093.77</b>
<b>ESTIMATED TOTALS</b>	<b>19,905</b>	<b>8,235,398.00</b>

### RECOMMENDATION

The Executive Director, after review and approval by the RWC Executive Committee, recommends the Board approve the FY 2022/23 subscriber unit rate of \$34.48 and authorize the RWC staff to assess the members quarterly.



**BOARD OF DIRECTORS REPORT**

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	Almira Santos, RWC Accountant III	Item 8	
SUBJECT:	<b>RWC TRUNKED NETWORK FISCAL YEAR 2022/23 BUDGET OVERVIEW AND 5-YEAR PLAN</b>		

**BACKGROUND**

The purpose of this report is to present the proposed 2022/23 RWC Budget and 5-Year Plan to the Board. The Executive Committee’s input and recommendations have been incorporated into the budget proposal.

**THE ISSUE**

The RWC Budget is made up of the following categories:

- Motorola Contracts
  - Service Agreement and System Upgrade Agreement (SUA II)
- Phoenix Information Technology and Services (ITS)
  - Wireless Services, Microwave, Network Services, and Shared Sites
- RWC Staffing
  - The cost of five (5) staff positions
- Other budget items
  - City of Scottsdale Maintenance Manager costs, site leases, auditing services, electricity, and telecommunications

For planning purposes, a summary of the RWC’s estimated 5-year budget is shown below.

<b>RWC ANNUAL BUDGET</b>	<b>FY2022/23</b>	<b>FY2023/24</b>	<b>FY2024/25</b>	<b>FY2025/26</b>	<b>FY2026/27</b>
Subscriber Rate	\$ 34.48	\$ 35.81	\$ 36.60	\$ 37.40	\$ 37.52
Estimated Subscriber Count	19,905	19,905	19,905	19,905	19,905
O&M, Staffing	\$ 8,235,398.00	\$ 8,553,814.32	\$ 8,741,289.27	\$ 8,934,084.50	\$ 8,962,774.36
Required Minimum Balance	\$ -	\$ -	\$ -	\$ -	\$ -
System Upgrade Agreement	\$ 2,820,074.59	\$ 2,849,950.28	\$ 2,880,810.31	\$ 2,912,682.93	\$ 2,945,605.91
TDMA	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total Budget</b>	<b>\$ 11,055,472.59</b>	<b>\$ 11,403,764.60</b>	<b>\$ 11,622,099.58</b>	<b>\$ 11,846,767.43</b>	<b>\$ 11,908,380.28</b>

The 5-year plan budget allocation for each Member is presented below.

### RWC Trunked Network FY23 to FY27 Budget Detail

Member	Oct 2021 Radio Count	FY 2022/23 TOTAL	FY 2023/24 TOTAL	FY 2024/25 TOTAL	FY 2025/26 TOTAL	FY 2026/27 TOTAL
Arizona Fire & Medical Authority	160	89,058	91,859	93,616	95,425	95,922
Avondale	470	261,607	269,837	274,998	280,310	281,771
Buckeye	395	219,861	226,778	231,116	235,579	236,808
Buckeye Valley FD	99	55,104	56,838	57,925	59,044	59,352
Chandler	1,036	576,649	594,789	606,167	617,874	621,095
Daisy Mountain	124	69,020	71,191	72,553	73,954	74,340
El Mirage	146	81,265	83,822	85,425	87,075	87,529
Federal Reserve Bank	28	15,585	16,075	16,383	16,699	16,786
Glendale	1,026	571,082	589,048	600,316	611,910	615,100
Goodyear	469	261,050	269,263	274,413	279,713	281,172
Guadalupe	14	7,793	8,038	8,191	8,350	8,393
Harquahala FD	10	5,566	5,741	5,851	5,964	5,995
Maricopa	276	153,625	158,457	161,488	164,607	165,466
Maricopa County Community College District	231	128,577	132,622	135,159	137,769	138,487
Paradise Valley	79	43,972	45,356	46,223	47,116	47,362
Peoria	844	469,779	484,558	493,827	503,365	505,989
Phoenix	10,570	5,883,373	6,068,458	6,184,538	6,303,985	6,336,850
Scottsdale	1,564	870,539	897,925	915,101	932,775	937,638
Sun City Fire	66	36,736	37,892	38,617	39,363	39,568
Surprise	538	299,456	308,877	314,785	320,865	322,538
Tempe	1,457	810,982	836,494	852,495	868,960	873,490
Tolleson Fire & PD	136	75,699	78,080	79,574	81,111	81,534
<b>Members Subtotal</b>	<b>19,738</b>	<b>10,986,378.82</b>	<b>11,331,999.37</b>	<b>11,548,761.45</b>	<b>11,771,811.79</b>	<b>11,833,183.92</b>
<b>Associates</b>						
Rural Metro	108	44,683	46,411	47,428	48,474	48,630
Maricopa Ambulance	59	24,410	25,354	25,910	26,481	26,566
<b>Associates Subtotal</b>	<b>167</b>	<b>69,093.77</b>	<b>71,765.23</b>	<b>73,338.12</b>	<b>74,955.64</b>	<b>75,196.35</b>
<b>ESTIMATED TOTALS</b>	<b>19,905</b>	<b>11,055,472.59</b>	<b>11,403,764.60</b>	<b>11,622,099.58</b>	<b>11,846,767.43</b>	<b>11,908,380.27</b>

#### RECOMMENDATION

The Executive Director, after review and approval by the Executive Committee, recommends Board approval of the proposed FY 2022/2023 RWC Trunked Network Budget and 5-Year Plan.



**BOARD OF DIRECTORS REPORT**

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	John Imig, RWC Executive Director Almira Santos, RWC Accountant III		Item 9
SUBJECT:	<b>RWC CONVENTIONAL NETWORK (VHF) FISCAL YEAR 2022/23 SUBSCRIBER UNIT RATE, FY 23 BUDGET OVERVIEW AND 5-YEAR PLAN</b>		

**BACKGROUND**

The purpose of this report is to present the FY2022/23 subscriber unit rate, FY 23 Budget Overview and 5-Year Plan for the RWC Conventional Network.

**THE ISSUE**

The subscriber unit rate is determined by dividing the staffing, operations, and maintenance budget by the number of subscriber units estimated to be on the network in FY2022/23. The rate for FY2022/23, if approved, will be \$9.72, which represents a decrease of \$0.56 from the previous rate of \$10.28. This revised rate was based on the October 2021 Radio count. The reasons for the rate decrease are as follows:

- 7.21% increase in radio count
- Decrease in telecommunications costs

<b>Annual Staffing, O&amp;M</b>	<b>\$ 491,013.00</b>
<b>Subscriber Units</b>	<b>4,208</b>
<b>Monthly Subscriber Rate</b>	<b>\$ 9.72</b>

For planning purposes, the summary of the RWC Conventional Network FY2022/23 budget by member and the 5-Year Plan is reflected on the following page.

**FY 2022/23 Budget by Member**

<b>RWC - Conventional Network FY23 Budget Detail</b>					
<b>Member</b>	<b>Radio Count as of Oct 2021</b>	<b>Staffing / O&amp;M</b>	<b>Special Assessments</b>	<b>Minimum Balance</b>	<b>Total Budget</b>
AFMA	94	\$ 10,968	\$ 7,845	\$ -	\$ 18,813
Avondale	89	10,385	7,428	-	17,813
Buckeye	96	11,202	8,012	-	19,214
Buckeye Valley FD	98	11,435	8,179	-	19,614
Chandler	162	18,903	13,520	-	32,423
Daisy Mountain	103	12,019	8,596	-	20,615
El Mirage	43	5,017	3,589	-	8,606
Glendale	221	25,788	18,444	-	44,231
Goodyear	109	12,719	9,097	-	21,815
Guadalupe	11	1,284	918	-	2,202
Harquahala	11	1,284	918	-	2,202
Maricopa	61	7,118	5,091	-	12,209
Peoria	186	21,704	15,523	-	37,226
Phoenix	2,141	249,824	178,678	-	428,502
Scottsdale	244	28,471	20,363	-	48,834
Sun City Fire	58	6,768	4,840	-	11,608
Surprise	143	16,686	11,934	-	28,620
Tempe	306	35,706	25,537	-	61,243
Tolleson	32	3,734	2,671	-	6,405
<b>Members Subtotal</b>	<b>4,208</b>	<b>\$ 491,013</b>	<b>\$ 351,180</b>	<b>\$ -</b>	<b>\$ 842,193</b>
<b>Conditional Participant</b>					
<b>Conditional Participant Subtotal</b>	<b>0</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL</b>	<b>4,208</b>	<b>\$ 491,013</b>	<b>\$ 351,180</b>	<b>\$ -</b>	<b>\$ 842,193</b>

**5-Year Plan**

<b>RWC Conventional Network (VHF) ANNUAL BUDGET</b>	<b>FY2022/23</b>	<b>FY2023/24</b>	<b>FY2024/25</b>	<b>FY2025/26</b>	<b>FY2026/27</b>
Subscriber Rate	\$ 9.72	\$ 9.81	\$ 9.90	\$ 9.98	\$ 10.07
Estimated Subscriber Count	4,208	4,208	4,208	4,208	4,208
O&M, Staffing	\$ 491,013.00	\$ 495,358.00	\$ 499,746.00	\$ 504,179.00	\$ 508,655.00
Required Minimum Balance	\$ -	\$ -	\$ -	\$ -	\$ -
Special Projects	\$ 351,180.00	\$ 351,180.00	\$ 351,180.00	\$ 351,180.00	\$ 351,180.00
<b>Total Budget</b>	<b>\$ 842,193.00</b>	<b>\$ 846,538.00</b>	<b>\$ 850,926.00</b>	<b>\$ 855,359.00</b>	<b>\$ 859,835.00</b>

**RECOMMENDATION**

The Executive Director, after review and approval by the RWC Executive Committee, recommends the Board approve the FY2022/23 subscriber unit rate of \$9.72, FY 23 Budget, and 5-Year Plan and authorize the RWC staff to assess the members quarterly.



**BOARD OF DIRECTORS REPORT**

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	John Imig, RWC Executive Director Nicholas Roosevelt, RWC Management Assistant I		Item 10
SUBJECT:	<b>COMMUNICATIONS SYSTEMS STRATEGIC ALLIANCE COMMITTEE APPOINTMENTS (Continued from August 26, 2021)</b>		

BACKGROUND

The Communications Systems Strategic Alliance (CSSA) Intergovernmental Agreement (IGA) requires that each System must appoint an executive level member from their governing body to serve on the Coordinating Council as the *Coordinating Council Executive Representative*.

THE ISSUE

The Board of Directors must appoint a Board member to serve as the Regional Wireless Cooperative (RWC) representative on the CSSA Coordinating Council Executive.

RECOMMENDATION

The RWC Executive Director, after review and concurrence of the Executive Committee, hereby recommends that the Board appoint a Coordinating Council Executive to represent the RWC on the CSSA Coordinating Council.





**BOARD OF DIRECTORS REPORT**

TO:	Regional Wireless Cooperative (RWC) Board Members	Agenda Date:	December 2, 2021
FROM:	John Imig, RWC Executive Director		Item 11
SUBJECT:	<b>EXECUTIVE DIRECTOR'S REPORT</b>		

**BACKGROUND**

The Executive Director will brief the Board of Directors on the following items:

- A. RWC External Audit Update
- B. Executive Committee New Member
- C. ERRCS Position Vacancy
- D. Interference Detection System UASI Grant Update
- E. City of Phoenix ITS RWC Audit Update

**RECOMMENDATION**

This item is for information and discussion.