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## **ATIC Board Meeting Agenda for April 8, 2020**

1. Administrative
  - 1.1. Self-Introductions
  - 1.2. Modifications to and Acceptance of Agenda Draft
  - 1.3. Acceptance of Minutes from March 11, 2020 Board Meeting
  - 1.4. Treasurer's Report
  - 1.5. ATIC Board Membership Considerations
    - 1.5.1. ATIC Annual Election of Officers
  - 1.6. Review of Outstanding Action Items as Documented in March 11, 2020 Minutes
2. Informational Presentations
  - 2.1. None Scheduled
3. Activity Reports
  - 3.1. Arizona Broadband Strategic Plan & FirstNet (Jeff Sobotka, Karen Ziegler)
    - 3.1.1. Rural Community Outreach
    - 3.1.2. FirstNet Status & Outlook
    - 3.1.3. ACA Broadband Strategy & ATIC Role/Support
  - 3.2. Arizona Broadband Stakeholder Network (Steve Peters)
    - 3.2.1. AZBSN Statewide Emergency Broadband Leadership Team
  - 3.3. GAZEL Education Report (Steve Peters, Nan Williams)
    - 3.3.1. Arizona Technology in Education Association (AzTEA)
    - 3.3.2. Labster Virtual Laboratory Simulations Consortium
    - 3.3.3. Other Innovative Learning Collaborative Initiatives for 2020
  - 3.4. Arizona State Library (Holly Henley, Mala Muralidharan)
  - 3.5. Telehealth (Janet Major)
  - 3.6. Government Affairs (Mike Keeling, Mark Goldstein)
4. Information and Action Plans
  - 4.1. ATIC Website & Teleconferencing (All)
    - 4.1.1. AZBSN Newsletter Schedule & Content Contributions
    - 4.1.2. Zoom Subscription or Replacement
  - 4.2. ATIC Mailing List & CRM (All)
  - 4.3. New Business and Motion Considerations (All)
5. Events Attended and Upcoming Meetings
6. Announcements
7. Adjourn



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## **ATIC Board Meeting Minutes**

**April 8, 2020**

### **Attendees:**

**ATIC Board Members: Jerry Crow, Oris Friesen, Henry Goldberg, Mark Goldstein, Bob Jacobson, Ian Hathcock, Holly Henley, Ron Schott, Andy Phelan, Marisa Walker, Nan Williams.**

**ATIC Associates & Guests: Mala Muralidharan, Steve Peters, Karen Ziegler, Paul Brierley, Kirk Busch, Steve Hill, Fred Brakeman, Andy Tobin, Brian Monarrez, James McCabe, Dan Doehler, Graham Taylor, Gil Gonzales, Martin Skiby, Tracy Rexroat, Larry Light, Steve Smith, Alan Pruitt, Terence Ford, Jimi Logan (Simply Bits).**

**Quorum Met with 11 ATIC Board Members Present (Quorum = 8)**

**Many thanks to the University of Arizona for the use of their Zoom Video account for video conferencing capabilities and to the Arizona State Libraries for providing additional support.**

**The next Board Meeting is scheduled for Wednesday, May 13, 2020 and will be held fully virtually, as will all our meetings until further notice. The full schedule of ATIC Board Meetings for 2020 can be found towards the end of these minutes.**

# ATIC Board Meeting Minutes

April 8, 2020

## 1. Administrative

### 1.1. Self-Introductions

See the list of attendees above.

### 1.2. Modifications to and Acceptance of Agenda

**MOTION: To accept the Agenda as submitted.**

**MOVE: Henry Goldberg  
SECOND: Andy Phelan  
Passed Unanimously**

### 1.3. Acceptance of Minutes from the March 11, 2020, Board Meeting

Not yet ready for review.

### 1.4. Treasurer's Report

Ron Schott, Treasurer reported that current funds on hand as of April 6, 2020, total approximately \$14,629.20 after recent expenses. Ron circulated the Desert Financial Credit Union report with account and transaction details for Board reference, which are included at the back of these Minutes.

Five payments of \$1,000 have been made to Steve Peters for support of the AZBSN prior to February 29, 2020 and an additional \$4,000 has been encumbered for payments of \$800 per month for March through July. We have paid Steve Peters \$800 for March and four more monthly payments remain.

Without any current monetary sponsors, sustainability remains a concern. One of Steve Peters' primary tasks for ATIC in coordinating the AZBSN is to determinedly seek sponsors, grants, and other sources of revenue going forward.

### 1.5. ATIC Board Membership

**Motion: To nominate Bob Jacobson as a Board Member**

**MOVE: Mark Goldstein  
SECOND: Oris Friesen  
Passed Unanimously**

**Motion: To nominate Ian Hathcock as a Board Member**

**MOVE: Mark Goldstein**  
**SECOND: Henry Goldberg**  
**Passed Unanimously**

Mark reported that Tommy Gearhart and Bobbie Davis, who have not attended recent meetings, have been moved from Board membership to an ATIC Associate role. The Board currently has 22 members. We continue to need to expand participation with direct State of Arizona representation, as well as a focus on rural and native stakeholder representation, especially from the economic development community, as well as representatives from municipal, county, and higher education CIOs, plus of course stronger broadband industry participation going forward. Mark and Henry are engaging several prospects in that regard.

### **1.5.1. ATIC Annual Election of Officers**

Mike Keeling has asked to step down as ATIC Lobbyist.

The officer slots have the following candidates:

Chair – Mark Goldstein  
Vice Chair – Henry Goldberg  
Secretary – Melissa Armas  
Treasurer – Ron Schott  
Lobbyist – Bob Jacobson

**Motion: to accept the above slate of candidates**

**MOVE: Nan Williams**  
**SECOND: Andy Phelan**  
**Passed Unanimously**

### **1.6. Review of Outstanding Action Items as Documented in March 11, 2020, Minutes**

None.

## **2. Informational Presentations**

None Scheduled.

## **3. Activity Reports**

### **3.1 Arizona Broadband Strategic Plan & FirstNet (Jeff Sobotka, Karen Ziegler)**

#### **3.1.1 Rural Community Outreach**

Jeff Sobotka, Arizona Director of Broadband at the Arizona Commerce Authority (ACA, <https://www.azcommerce.com/broadband/>) wasn't in attendance, but has been actively engaged with the AZBSN COVID-19 Digital Access Task Force and in interactions with many in the various broadband stakeholder applications spheres and communities. Jeff continues to encourage and credit ATIC and the AZBSN for the COVID-19 Digital

Access Task Force success in bringing a critical mass of broadband stakeholders together, sharing pertinent news and opportunities, and taking on a committee structure to better identify, undertake, and accomplish short, medium, and long-term goals.

Fred Brakeman, CEO of Infinity Communications & Consulting and the Navajo Nation's E-rate consultant provided a brief update on the fiber projects with which he is involved.

The Navajo Nation recently re-entered the E-rate program and have bids to install fiber to all chapter house libraries as well as all of its 34 schools. This comes to about 140 sites. They are applying for funding now and are looking for coordination opportunities. Fred has been working with Ian Hathcock who has been very helpful. Ian added that they have developed a data plan for the students and said that the relaxing of the FCC gifting restriction has helped considerably.

Fred is also working with Apache County schools, to help manage the 175-mile fiber build under the direction of the Apache County Office of Education.

### **3.1.2 FirstNet Status & Outlook**

Karen Ziegler reported on FirstNet and 911. She has been working with public safety groups, the Department of Homeland Security (DHS) and the Arizona Hospital Association to check connectivity to support COVID-19 demands at hospitals and testing stations. This involves 12,400+ sites of 195 agencies in Arizona for FirstNet support and has been driven by the needs generated by the COVID-19 crisis.

An RFP is being developed for a statewide 911 network. It is scheduled to go out in early July with a contract to be signed by year end. This involves work with Jeff Sobotka of the Arizona Commerce Authority (ACA) with respect to broadband requirements.

### **3.1.3 ACA Broadband Strategy & ATIC Role/Support**

No report

## **3.2 Arizona Broadband Stakeholder Network (Steve Peters)**

### **3.2.1 AZBSN Statewide Emergency Broadband Leadership Team**

Steve reported on the reasoning behind the new name: AZBSN COVID-19 Digital Access Task Force and briefly summarized the four meetings that have been held as well as the summary reports produced and distributed following each meeting. The web landing page for the Task Force and its related resources is <https://www.arizonatele.org/covid19-about.html>.

The Task Force has established the following four areas of concentration and objectives:

Facilitate collaboration, coordination, information sharing and communication among key public, private and nonprofit stakeholders

Collaborate on priority initiatives for schools, libraries, telemedicine, communities,

and more

Develop a statewide COVID-19 digital access strategy to support, schools, universities, community colleges, students, homes, libraries, health care facilities, businesses and communities

Identify and advocate for funding to enable implementation of COVID-19 Digital Access Projects

The plans are to form several subcommittees, continue meeting weekly on Monday mornings at 7:30 am, and formulate and make recommendations to the decision makers.

Terence Ford of Insight spoke about their interest in helping with this initiative and proposes a planning framework consisting of 30-day, 60-day, and 90-day plans. ACC Commissioner Lea Marques Petersen and Jeff Sobotka of ACA concurred with this course and encouraged rapid strategic development and actions.

Steve spoke with Mike Hawksworth, President of MSS Management Consulting Services, and Hawksworth offered MSS assistance at no charge in managing the planning process of the subcommittees to make the appropriate recommendations. MSS staff will participate in upcoming task force meetings.

Mark commented that AZBSN has made significant progress and he thanked Steve for his efforts.

### **3.3 GAZEL Education Report (Steve Peters, Nan Williams)**

#### **3.3.1 Arizona Technology in Education Association (AzTEA)**

Nan Williams is the current Executive Director of AzTEA (<http://aztea.org/>). AzTEA has become a Certified Application Provider for the International Society for Technology in Education (ISTE, <https://www.iste.org/>) and in partnership with Edvolve is providing ICE-ISTE Certified Educator training here and in Wyoming as well.

Nan is a member of the AZBSN COVID-19 Digital Access Task Force and providing leadership in the educational sector.

AzTEA is conducting an Engage with Sports (eSports) kickoff session on April 28 which lasts until June 5 (see <https://conta.cc/2QTWhoe>). eSports 2020 Part Deux will be fully virtual with a series of virtual workshops where participants will explore how to implement esports and where they can find resources supporting implementation.

Alan Pruitt announced that he is involved with an eSports course at Arizona Western College in Yuma (see <https://www.azwestern.edu/about/news/awc-starts-new-esports-program-campus>).

#### **3.3.2 Labster Virtual Laboratory Simulations Consortium**

No report.

### **3.3.3 GAZEL Innovative Learning Initiatives**

Steve Peters announced he is exploring the possibility of forming a statewide Maker Space Network with ASU to include the many enterprise, educational, and other such facilities here. The Arizona Technology Council has an Additive Manufacturing Committee with good industry and educational representation.

### **3.4 Arizona State Library (Holly Henley, Mala Muralidharan)**

Holly spoke about enhancing broadband access at rural libraries enabling Wi-Fi access from their outdoor spaces (e.g., parking lots) while providing for physical security and social distancing. The State Library is preparing a survey for the State's libraries on their needs for such outdoor Wi-Fi access which will be out soon.

Mala met with county librarians asking about broadband capabilities, online security and physical security. They are looking at extended hours access, not necessarily 24-hour access and possible support for mobile bookmobiles. She said that the results of the survey will be sent to Jeff who intends to use the information when he talks to service providers.

Arizona Public Library Wi-Fi Availability can be viewed on an interactive map at <https://sites.google.com/view/azdigitalinclusion/covid-19-library-resources/library-wifi-map>. State Library is constantly updating the data as new facilities and capabilities are added.

Rural schools are seeking input regarding the need to train teachers on various video conferencing platforms and determining whether students have the devices they need.

Mala is on the E-rate steering committee for the Schools Healthcare Libraries Broadband Coalition (SHLB). SHLB is looking for guidelines on needs for affordable digital technology and support on an ongoing basis. The FCC and USAC are looking at accessing these school and library E-rate networks at other locations other than libraries and schools and are relaxing competitive bidding rules for the near term. They may add a cycle beyond the April 29th E-rate application deadline. The FCC has already waived the gift rule limitation. Mala will send out what has been agreed on.

Jeff Sobotka reported that the Arizona State Land Department has produced a map of Public Wireless Internet Hotspots including free Wi-Fi services available from libraries, commercial providers, and community submitted locations around the State of Arizona which can be found at <https://azland.maps.arcgis.com/apps/webappviewer/index.html?id=20dd52ea241e42f0932ac1a27580f3e0>.

## ATIC April 8<sup>th</sup> Board Meeting – Mala’s E-Rate Report

**Arizona Public Libraries** are closed to public as per the Governor’s request for social distancing. Arizona State Broadband Officer Jeff Sobotka met virtually with Arizona County Librarians to discuss the expanding role of libraries during the coronavirus epidemic. Specifically, the Broadband Office is interested in supporting libraries to leverage existing inward-facing public library WiFi networks to meet community Internet needs outside of the library building. At this point, the State Broadband Office has requested funding from the Governor’s office for rapid deployment of community wifi solutions for school and library outdoor spaces. A wide variety of vendors and short-term outdoor wireless access emergency solutions are being considered.

Survey the Libraries : The first steps are to gather accurate data and identify library locations. We are asking for library directors to complete this survey to provide data on current broadband capacity and reach of the library wifi outside of the building. The survey will identify

- Which libraries need boosters to extend the WiFi outdoors
- What are the barriers or safety concerns
- how we can prioritize the communities that need it immediately (should funding be available)

Here is a link to where WIFI is currently available in public libraries. The data is constantly being updated. [Arizona Library Public WiFi Availability](#) (last updated 03/26/2020).

### **Arizona Dept of Ed is surveying schools on**

- How many students have some form of internet at home either from an internet provider or tethering from your smart phone
- What cell phone services work in your area
- Are teachers familiar with online meeting platforms (Zoom, Microsoft Teams, Webex, etc...)
- Do the district have an online curriculum and lesson plans designed for online use

The results will help prioritize and channel emergency funding and resources in the right direction.

### **Working with Schools Healthcare Libraries Broadband Coalition (SHLB)**

SHLB is focusing on several areas especially with provide funding for all students, wherever they live, as soon as possible for

- affordable digital technologies (devices) and
- broadband Internet access available

through an Emergency K-12 Remote Learning Fund through the E-rate program. Bridging the digital divide has never been more urgent.



## ATIC April 8<sup>th</sup> Board Meeting – Mala’s E-Rate Report (Continued)

### Recommendations:

1. **Recurring Monthly:** Recommended that Schools be granted funding to pay the monthly subscription fees (average of \$50/month) for unconnected families for 19 months (March 1, 2020 through September 31, 2021). Recommend that the Program funds the monthly subscription costs of 25 Mbps down/3 Mbps service chosen by the family (technology and service provider neutral).
2. **One Time installation:** Recommend that the Program funds broadband network equipment to expand Internet access to students and teachers in the community, such as mobile hot spots, remote access points, Wi-Fi on school buses, and other wired and wireless technologies. This will allow broadband providers to extend service to reach the unconnected families that live in areas where broadband is not currently available.
3. **End-user Devices:** Recommends that the Program funds a single device (computers, tablets) for each student and teacher at home.

FCC has already waived the restriction on the gift clause and service providers are allowed to gift devices, higher bandwidth, waive late fees, defer payments and more. Other request made to FCC include temporarily lifting some of the E-rate restrictions:

- a. to allow school and library broadband networks to be used off-campus during this emergency.
- b. to allow broadband providers to extend service to reach the unconnected families that live in areas where broadband is not currently available.
- c. to lift E-rate competitive bidding rules temporarily so that schools and libraries can increase their broadband capacity immediately to handle the increased Internet traffic through their networks.

### **3.5 Telehealth (Janet Major)**

No report but Mark reported on a communication from Janet where she noted that her group is in the process of editing the most recent ATP Telemedicine Training Event held on March 23<sup>rd</sup>, preparing to make it available on the web. She said they usually have about 25 attendees in Phoenix and another 25 in Tucson. But last week's webinar had over 1,000 participants from Arizona and other locations around the world. This training will continue to be provided quarterly.

All of the Arizona Telemedicine Program's (ATP) educational and training events, blog postings, and telemedicine resources can be found at <https://telemedicine.arizona.edu/>.

### **3.6 Government Affairs (Mike Keeling, Mark Goldstein)**

Mark reported that the State budget consideration for a \$10M allocation for new ACA broadband grants as well as for a \$59M allocation for fiber deployment and Intelligent Transportation Systems (ITS) along some 500 miles of Arizona highways has taken a back seat to COVID-19 activities and response needs for the time being.

The federal government is discussing a major stimulus package for broadband. Senator Amy Klobuchar and others have introduced a major bill, SB3569, to include dedicated broadband funding for low-income families and students in future coronavirus relief packages (see <https://www.smith.senate.gov/klobuchar-smith-cramer-welch-marshall-lead-bipartisan-bicameral-letter-urging-congressional-leaders>).

Mark also referenced a document issued by the Information Technology and Innovation Foundation (ITIF) titled "Digital Policy for Physical Distancing: 28 Stimulus Proposals That Will Pay Long-Term Dividends," (see <https://itif.org/publications/2020/04/06/digital-policy-physical-distancing-28-stimulus-proposals-will-pay-long-term>).

## **4 Information and Action Plans**

### **4.1 ATIC Website & Teleconferencing (All)**

#### **4.1.1 AZBSN Newsletter Schedule & Content Contributions**

Mark encouraged short writeups on what the COVID-19 task force, Mala, Fred Brakeman, and others are doing be solicited and included in the AZBSN Newsletter.

Steve indicated that he has delaying issuing the newsletter until the subcommittees are operating so have clear way for new participants to become involved, but recognizes the need for it to be a regular touchpoint for AZBSN and broadband stakeholders.

Bob Jacobson commented that some officials don't want 5G to be pitched as a result of the COVID-19 crisis.

#### **4.1.2 Zoom Subscription or Replacement**

Alan Pruitt suggested Slack might be preferable to Zoom as a collaboration platform for the AZBSN COVID-19 Digital Access Task Force because it saves all chat messages as a default. Steve said MSS and Insight prefer to use Microsoft Teams as a platform and we are seriously considering moving to it from Zoom. Terence Ford also likes WebEx.

#### **4.2 ATIC Mailing List & CRM (All)**

None this month.

#### **4.3 New Business and Motion Considerations (All)**

None this month.

### **5 Events Attended and Upcoming Meetings**

None this month.

### **6 Announcements**

None this month.

### **7 Adjourn**

At 1:20 p.m.

## **Upcoming ATIC Board & Public Meetings**

Upcoming ATIC Board Meetings for 2020 are scheduled for the second Wednesdays of the month (except August and December) from 12:00-2:00 p.m. and will be held fully virtually until further notice. Board Meeting are open for all to participate. Please plan to join us.

May 13, 2020  
June 10, 2020  
July 8, 2020  
September 9, 2020  
October 14, 2020  
November 18, 2020

### **ATIC Special and Public Meetings:**

AZBSN COVID-19 Digital Access Task Force continues to hold meetings every Monday morning at 7:30 a.m. See Task Force information and related resources at <https://www.arizonatele.org/covid19-about.html>.

Future AZBSN webinars and roundtables are under development



Arizona T... ▾

### Dashboard

#### Accounts



<b>Checking</b>	<b>\$1,213.77</b>
<b>ATIC 434041</b> 04081-0400	^ <b>\$1,213.77</b> \$1,213.77
<b>Savings</b>	<b>\$1,015.80</b>
<b>ATIC 073206</b> 04081-0000	^ <b>\$1,015.80</b> \$1,040.80
<b>Share Certificate</b>	<b>\$12,399.63</b>
<b>Business Cert 12 Month...</b> 04081-1101	^ <b>\$6,240.52</b> \$6,240.52
<b>Business Cert 18 Month...</b> 04081-1100	^ <b>\$6,159.11</b> \$6,159.11

^ Available Balance

#### BudgetTracker

You have no budgets

Create a Budget

#### COVID-19 Update: Branch services have...

Find out when, where and how you can access our in-person services.

March 27, 2020

Last 15 days



📅 times

Next 15 days



There is no activity scheduled for the next 15 days.

#### Quick Links

Credit Card Login

Investments (Raymond James)

Mortgage Loans (MLOS)

Identity Secure

#### LinkExternalAccount



Get Started

#### Financial Resources & Education



There are no recent educational articles.

**Desert Financial Credit Union**

*Transaction History*

100 Transactions	Statement Period: All Dates	Date of Statement: 04/06/2020
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DATE	DESCRIPTION	CREDITS	DEBITS	BALANCE
03/25/20	DRAFT #2206 TRACER 28647568		-\$800.00	\$1,213.77
03/19/20	DRAFT #2205 TRACER 28538317		-\$44.91	\$2,013.77
03/17/20	USPS KIOSK 03766 9402 SCOTTSDALE AZ 63955299		-\$11.00	\$2,058.68
03/12/20	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-\$27.17	\$2,069.68
03/11/20	SQ *BROOKLYN MIKES 5999 PHOENIX AZ 00000000		-\$130.00	\$2,096.85
03/10/20	DRAFT #2205 TRACER 27804369 DUPLICATE POSTING	\$1,000.00		\$2,226.85
03/09/20	ONLINE BANKING TRANSFER FROM 0000	\$1,000.00		\$1,226.85
02/19/20	DRAFT #2204 TRACER 27846753		-\$34.43	\$226.85
02/18/20	DRAFT #2205 TRACER 27804369		-\$1,000.00	\$261.28
02/18/20	DRAFT #2203 TRACER 27804368		-\$1,000.00	\$1,261.28
02/12/20	SQ *SUBS 5999 PHOENIX AZ 00000000		-\$130.00	\$2,261.28
02/11/20	ONLINE BANKING TRANSFER FROM 0000	\$1,000.00		\$2,391.28
02/11/20	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-\$26.81	\$1,391.28
01/16/20	DRAFT #2202 TRACER 27145182		-\$17.38	\$1,418.09
01/10/20	DRAFT #2201 TRACER 27011341		-\$256.00	\$1,435.47
01/10/20	DRAFT #2200 TRACER 27011340		-\$32.94	\$1,691.47
01/10/20	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-\$26.56	\$1,724.41
01/08/20	SQ *SUBS 5999 PHOENIX AZ 00000000		-\$130.00	\$1,750.97
12/27/19	DRAFT #2198 TRACER 26670748		-\$1,000.00	\$1,880.97
12/11/19	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-\$28.04	\$2,880.97
12/08/19	ONLINE BANKING TRANSFER FROM 0000	\$2,000.00		\$2,909.01
12/04/19	DRAFT #2197 TRACER 26126146		-\$1,000.00	\$909.01