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ATIC Board Meeting
Agenda for June 13, 2018

1. Administrative
   1.1. Self-Introductions
   1.2. Modifications to and Acceptance of Agenda Draft
   1.3. Acceptance of Minutes from May 9, 2018 Board Meeting
   1.4. Treasurer's Report
   1.5. ATIC Board Membership Considerations
      1.5.1. Nominations and Election of Board Members
   1.6. Review of Outstanding Action Items as Documented in May 9, 2018 Minutes

2. Informational Presentations
   2.1. Michael Sherman, Sun Corridor Network on I40 Multistate Fiber Initiative
      2.1.1. Consideration of ATIC Letter of Support

3. Activity Reports
   3.1. Arizona Broadband Strategic Plan & FirstNet (Karen Ziegler)
   3.2. Arizona Broadband Stakeholder Network (Steve Peters)
   3.3. Rural Community Outreach (Bill Bolin, Karen Ziegler)
   3.4. K12/GAZEL (Steve Peters, Nan Williams)
      3.4.1. Arizona Labster Consortium Progress
   3.5. Arizona State Library (Holly Henley, Mala Muralidharan)
   3.6. Telehealth (Janet Major)
   3.7. Government Affairs (Mike Keeling, Mark Goldstein)
   3.8. ATI Institute (Oris Friesen)
      3.8.1. ATI Institute Renaming/Repurposing Progress

4. Information and Action Plans
   4.1. ATIC New Website Status & Outlook (All)
   4.2. ATIC Domains, Mailing List & CRM (All)
   4.3. New Business and Motion Considerations (All)

5. Events Attended and Upcoming Meetings
   5.1. Ted Kraver - Autobiography Signing 6/9/18 (Sunnyslope Historical Society Museum, Phoenix)

6. Announcements

7. Adjourn

ATIC Board Meeting
Logistics for June 13, 2018

Note: For this ATIC Board Meeting on Wednesday, June 13, 2018 from 12:00-2:00 PM, we're under the Capitol Dome in the Historic Supreme Court Chamber on the 2nd floor of the Arizona State Library, 1700 W. Washington St., Phoenix AZ 85007.

Remote Connect Instructions

- **PC or MAC:** For audio, video and web conference on **PC or Mac**
  https://gazel.zoom.us/j/753706980

- **IOS:** For audio, video and web conference on **iPhone, iPad, iPod touch**: **Install App**: Apple Store -"zoom".
  Enter meeting ID 753 706 980.

- **Android:** Audio, video and web conference on **Android**: **Install App:** Google Play - "zoom"
  Enter meeting ID 753 706 980.

- **Video and web conference on computer and audio by telephone:** https://gazel.zoom.us/j/753706980**.**

- **For Audio by Phone During Zoom Session or Standalone Telephone Connection:** Dial **(415) 762-9988.** Enter meeting **ID 753 706 980**. You will be prompted to enter your unique participant ID - Press # to skip

ATIC Board Meeting Minutes
May 9, 2018 (Draft)

On-Site Attendees:

ATIC Board Members: Bill Bolin, Oris Friesen, Henry Goldberg, Mark Goldstein, Mala Muralidharan, Ron Schott, Jay Schlum

ATIC Associates & Guests: None

Remote Attendees:

ATIC Board Members: Michael Cohen, Jerry Crow, Steve Peters, Nan Williams

ATIC Associates & Guests: None

Quorum Met with 11 ATIC Board Members Present (Quorum = 9)

Many thanks to Zoom Video for video conferencing capabilities and to the Arizona State Libraries for providing meeting facilities, technical support, and hospitality.

The next ATIC Board Meeting will be on Wednesday, June 13, 2018 from 12:00-2:00 PM under the Capitol Dome in the Historic Supreme Court Chamber on the 2nd floor of the Arizona State Library, 1700 W. Washington St., Phoenix AZ 85007.

A schedule of the remaining ATIC Board meetings through 2018 can be found at the end of these minutes.

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ATIC Board Meeting Agenda

May 9, 2018

1. Administrative
   1.1. Self-Introductions
   1.2. Modifications to and Acceptance of Agenda Draft
   1.3. Acceptance of Minutes from April 11, 2018 Board Meeting
   1.4. Treasurer's Report
   1.5. ATIC Board Membership Considerations
      1.5.1. Nominations and Election of Board Members
   1.6. Review of Outstanding Action Items as Documented in April 11, 2018 Minutes

2. Informational Presentations (None Scheduled)

3. Activity Reports
   3.1. Arizona Broadband Strategic Plan & FirstNet (Karen Ziegler)
   3.2. Arizona Broadband Stakeholder Network (Steve Peters)
   3.3. ATIC Partnership & Business Model Working Groups (Oris Friesen, Henry Goldberg, Mark Goldstein)
   3.4. Rural Community Outreach (Bill Bolin, Karen Ziegler)
   3.5. K12/GAZEL (Steve Peters, Nan Williams)
      3.5.1. Labster Demonstration Project & Partnership
   3.6. Arizona State Library (Holly Henley, Mala Muralidharan)
   3.7. Telehealth (Janet Major)
   3.8. Government Affairs (Mike Keeling, Mark Goldstein)
   3.9. ATI Institute (Oris Friesen)
      3.9.1. ATI Institute Renaming/Repurposing Progress

4. Information and Action Plans
   4.1. ATIC Domains, Mailing List, CRM & Website Status & Outlook (All)
   4.2. New Business and Motion Considerations (All)

5. Events Attended and Upcoming Meetings
   5.1. Government Technology - Arizona Digital Government Summit 5/15-16/18 (Phoenix)
   5.2. Sun Corridor Network - I40 Corridor Multi-State Broadband Initiative 5/17/18 (Flagstaff)
   5.3. Ted Kraver - Autobiography Signing 6/9/18 (Sunnyslope Historical Society Museum, Phoenix)

6. Announcements

7. Adjourn

ATIC Board Meeting Minutes
May 9, 2018

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: Ron Schott**
   > **SECOND: Oris Friesen**
   > **Passed Unanimously**

   1.3. **Acceptance of Minutes from May 9, 2018 Meeting**

   MOTION: To accept the Minutes of the May 9, 2018 Board Meeting as submitted.

   > **MOVE: Steve Peters**
   > **SECOND: Nan Williams**
   > **Passed Unanimously**

   1.4. **Treasurer's Report**

   Ron Schott, Treasurer reported that current funds on hand as of May 7, 2018 total approximately $24,460. Ron circulated Desert Schools Bank reports with account and transaction details for Board reference which are included at the back of these Minutes.

   Our nominal run rate for necessary expenses has dropped from approximately $5-6K per year to well under $4K per year through a series of cost reductions and careful fiscal management.

   Mark has requested that Crag Stevenson cancel the Outlook e-mail service we are paying a monthly subscription for and set up some simple e-mail forwarding for key contacts. Mark will also review GoDaddy domain registration credentials and billing with Craig. Craig has several hundred dollars in accumulated reimbursement due and will document and coordinate payment with Ron.

   With the renaming and repurposing of the Arizona Telecommunications & Information Institute (ATI Institute) non-profit entity, ATIC is expecting the repayment of a $2,000 loan and a donation of some remaining ATI Institute funds totaling approximately $3,170 coming to ATIC shortly.

1.5. ATIC Board Membership

1.5.1. Nominations and Election of Board Members

We continue to need to expand participation with direct State of Arizona representation, as well as focus on rural and native stakeholder representation especially from the economic development community, and representatives from municipal, county, and higher education CIOs as well as stronger broadband industry participation going forward.

Karen Ziegler, State of Arizona FirstNet Project Manager has been the primary impetus for the State's current broadband planning process and actively engaged with ATIC this year. She will continue to participate as an ATIC Associate while we await (and encourage) formal broadband policy representation by the State as the proposed Arizona Broadband Office continues to develop.

ATIC Associates John Lucas, former CIO of Graham County and SACCNet visionary now with his own technology consulting firm, Community Broadband Advocates and Michael Britt of Copper Dome Consulting and former State of Arizona FirstNet Manager are both being encouraged to continue participating in Board and working group meetings, as well as consider Board membership going forward.

Other potential Board prospects suggested for outreach and engagement include:

- Michael Sherman, Sun Corridor Network.
- Lev Gonick, ASU CIO
- Satish Pattisapu, Arizona Department of Education CIO (Mala to invite to present)
- Mark Jeffries, Frontier Communications
- Additional Provider representation including AT&T and Cox Communications

1.6. Review of Outstanding Action Items as Documented in April 11, 2018 Minutes

Crag Stevenson to cancel the Outlook e-mail service we are paying a monthly subscription for.

Crag Stevenson to transfer GoDaddy domain registration credentials and billing to Mark Goldstein.

2. Informational Presentations (None Scheduled)

3. Activity Reports

3.1 Arizona Broadband Strategic Plan & FirstNet (Karen Ziegler, Mark Goldstein)

Karen Ziegler, Arizona FirstNet Project Manager (https://azfirstnet.az.gov/) has previously reported that the Arizona Broadband Strategic Plan was accepted by ADOA and reviewed at the Governor's Policy Council where it was deemed a priority item and assigned to Sandra Watson, Arizona Commerce Authority as a Goal 2 breakthrough project for next steps which could include creation of a Broadband Office to provide leadership. The working group has defined specific tasks and is considering what can the state do to facilitate broadband development and are meeting regularly to develop recommendations for the Governor including tasks that the state can get involved in to facilitate solutions.

The Arizona Broadband Strategic Plan issued in February, 2018 can be downloaded at https://azfirstnet.az.gov/sites/default/files/media/AZ%20Broadband%20Strategic%20Plan_FINAL.pdf. Mark Goldstein created and distributed an excerpted version of the final Arizona Broadband Assessment Project (AZ BAP) Methodology Report from late 2014 focusing on the AZ BAP project overview and policy work.

AT&T is working aggressively on Arizona FirstNet planning and implementation, with some 40-50 towers and substantial new wireless infrastructure to be built out over the next 3-4 years. ADOA has been coordinating the general location of the planned new towers and otherwise supporting the engagement of the Arizona Public Safety community and AT&T's efforts.

3.2 Arizona Broadband Stakeholder Network (Steve Peters)

ATIC's Arizona Broadband Stakeholder Network has been formed to facilitate discussion between key state government officials and other stakeholders to follow up on the state broadband rural focus groups and strategic plan issuance for leveraging State/ACC funding, leveraging E-rate funding, and developing public private partnerships.

The first meeting of leadership team was held virtually on May 7th. for which Oris distributed his meeting report. Steve has put up a preliminary Arizona Broadband Stakeholder Network website at https://atic-networking.weebly.com/ for group resource sharing and planning purposes.

The first action is to develop and hold a broadband stakeholder roundtable, something ATIC had done periodically in the past. Another leadership team meeting will be held to begin to address details and planning. There was also significant discussion on how we would acquire names and contact vectors of potential roundtable attendees and future roundtable participants. A separate communication strategy meeting will be held soon.

A separate means of vendor engagement by ATIC should be developed in parallel and will be on the agenda for future ATIC consideration and action.

3.3 ATIC Partnership & Business Model Working Group (Oris Friesen, Henry Goldberg & Mark Goldstein)

The ATIC Partnership & Business Model Working Group last met on March 6, 2018. A summary of that meeting was included in the March 14th minutes and corrected as to the Labster project in the April 11th minutes. Please reference the May 9th meeting minutes for the most recent meeting summary and Oris' full meeting notes distributed separately by him. Future meetings of the Working Group will be scheduled on an as-needed basis.

3.4 Rural Community Outreach (Bill Bolin)

The ACC AUSF $8M allocation and the $3 million budgeted by the Legislature to leverage the FCC e-rate broadband infrastructure for rural K-12 schools and libraries opportunity has been strongly supported by Milan Eaton and Mala Muralidharan with an emphasis on consortia efforts and county-wide RFPs to maximize the use and impact of this funding during the current and final e-rate funding cycle.

Primary players included the Navajo-Gila County IT Education Consortium, as well as consortiums across Pinal and Apache Counties. E-rate applications equaled $194M plus the $11M from the State for some $205M worth of infrastructure deployments and delivery of broadband services, subject to final adjustments and FCC approvals.

The Navajo-Gila County IT Education Consortium's Regional Fiber Build & Services contract with Red Rock Telecommunications (https://www.redrocktelecom.com/) will utilize some 1200-1400 miles of fiber to connect 51 designated sites with broadband including library sites in four participating tribes.

Bill Bolin reported on an RFQ for broadband from Tusayan with some 96 responses and an RFP for home construction with integrated broadband with some 200 responses. There is a public private partnership (PPP) where Zayo is running fiber from Phoenix to Tucson and community stakeholders are asking for an off ramp on SR 79.

Michael Sherman of Sun Corridor Network (https://suncorridornet.org/) is leading an I40 Corridor Multi-State Broadband Initiative with participants across Arizona, California, and New Mexico. A stakeholder meeting is scheduled for May 17, 2018 in Flagstaff and Michael will be invited by Mark Goldstein to give the informational presentation at our next Board meeting.

3.5 K12/GAZeL Education Report (Steve Peters, Nan Williams)

Greater Arizona eLearning (GAZeL, http://www.gazel.org/) is preparing to transition into a 501(c)(3) non-profit by reforming under the Arizona Telecom & Information Institute (ATI Institute) corporate shell. The repurposed organization would remain an option for managing future broadband grant opportunities in conjunction with ATIC.

GAZeL is planning a conference on disruptive learning for the Fall of 2018 at a Tucson venue TBD including a planning exercise for schools and district implementation and a closing reception. Science Foundation Arizona and/or Helios Project may support. Possible Tucson venue is at the Air and Space Museum.

Nan Williams reported on the AzTEA symposium in April which was quite successful and a national conference to be held in Chicago in June.

3.5.1 GAZeL, ATIC, and AzTEA have established a project to explore interest, feasibility and a strategy to develop a statewide partnership and funding mechanism with Labster, the Virtual Laboratory Simulation Education Group based in Denmark, and K-12 schools, universities and community colleges to provide appropriate Labster virtual online lab modules for all schools in Arizona for free or low cost. Sam Butcher of Labster will be in Arizona on June 4-6 and will meet with interested parties at ASU, U of A, and Pima College. A demonstration project in some rural Arizona schools remains a priority. The feasibility of forming a consortium to provide Labster curricula throughout all of Arizona is being explored.Steve has constructed a working website for this project at https://gazel-labster.weebly.com/.

3.6 Arizona State Library (Holly Henley, Mala Muralidharan)

State Library has helped form the Navajo-Gila Counties Consortium of schools and libraries, while cultivating Apache, Santa Cruz, and Yavapai Counties as additional consortium participants. E-rate filing by deadline for this cycle optimized utilization of the Arizona funds and the FCC special program expiring this year. State Libraries and the Department of Education await final e-rate funding approvals. Mala will send out an interim report shortly followed by a final report when timely. The federal LSTA Award has also been finalized at $3.34M.

State Library personnel have been visiting a number of libraries around the State to hold workshops and help with technology assessments. State Library is also working with Electronic Super Highway on webinars for broadband in rural areas and access to their tools, templates, etc. that explain importance of broadband in rural areas.

State Library continues to work with Arizona Students Recycling Used Technology (AZStRUT, https://www.azstrut.org/) and recently assisted in the distribution of some 300 additional refurbished laptops. They are also supporting The Hotspot Project where students can borrow an access point from their local library for home use. Jeff Sobotka of T-Mobile indicated that they are providing hotspots in several communities through local libraries.

The Arizona Library Association (AZLA) annual conference will be from October 25-26, 2018 at the Mesa Convention Center. The theme is Libraries Transform Because Access Equals Opportunity. More information and registration at https://2018.azla.org/.

Other upcoming meetings of possible interest to ATIC Board members and associates are scheduled at http://www.azlibrary.gov/events where you can find details and free registration. Also, you can catch State Library of Arizona on Social Media at:

Facebook: https://www.facebook.com/StateLibAZ

Pinterest: https://www.pinterest.com/statelibaz/

Newsletter: http://www.azlibrary.gov/sla

Virtual Reference Desk: https://statelibraryofarizona.wordpress.com/

3.7 Telehealth (Janet Major)

The Arizona Telemedicine Program (http://telemedicine.arizona.edu/) will hold their annual Telemedicine & Telehealth Register Service Provider Showcase (SPS, http://ttspsworld.com/) in Glendale on October 8-9, 2018. Janet has suggested developing a partnership with ATIC to integrate broadband policy into the program for there is no telehealth without tele.

Janet reported that there are USDA Distance Learning & Telemedicine (DLT) Grants currently available, with special considerations for STEM applications and an application deadline of June 4, 2018. There were recent DLT Grant webinar presentations. For more info: https://www.rd.usda.gov/programs-services/distance-learning-telemedicine-grants.

The USDA Distance Learning and Telemedicine (DLT) program helps rural communities use the unique capabilities of telecommunications to connect to each other and to the world, overcoming the effects of remoteness and low population density. For example, this program can link teachers and medical service providers in one area to students and patients in another. Eligible applicants include most entities that provide education or health care through telecommunications. Applicants are required to provide a minimum 15 percent match against awards ranging from $50,000 to $500,000. For more information on this and other programs administered by Rural Utility Services (RUS) Telecommunications: http://www.rd.usda.gov/programs-services/all-programs/telecom-programs.

3.8 Government Affairs (Mike Keeling, Mark Goldstein)

Mike Keeling, Mark Goldstein, and Ron Schott actively contributed to the Arizona Technology Council's annual Public Policy Guide (https://www.aztechcouncil.org/promoting-public-policy/public-policy-guide/) issued last fall for the 2018 season. There were several telecom and related bills at the legislature of interest:

In connected health, HB2042 will expand telemedicine coverage to add urology, HB2149 allows remote supervision of a dispensing pharmacy by a licensed pharmacist, and SB1246 modifies health licensure by endorsement to follow federal jurisdiction. SB1363/2016 which was signed into law in May of 2016 requiring private health plans to pay for telemedicine services and expanded coverage opportunities went into effect on January 1, 2018. Mike Keeling indicated that the next legislative session is likely to see legislation to enable interstate nursing licensure.

In the telecom and broadband arena there were several bills of interest, HB2106 on ACC and Internet Protocol (IP) Services, HB2579 covering State Regulation of Video Services, SB1261 with prohibitions for Texting while Driving, and HB2154 covering Personal Information & Data Security Breaches. There have also been a handful of blockchain, cryptocurrency, and financial technology (fintech) bills including approval of an innovative state fintech regulatory sandbox and substantially updating Arizona's crowdfunding rules.

ATIC would like to see the Arizona Corporation Commission (ACC) expand the use of AUSF funds beyond the e-rate matching program that is sunsetting to other rural broadband purposes and for the Arizona Department of Education's broadband fund to be refreshed with additional $ from year to year.

3.9 ATI Institute (Oris Friesen)

ATI Institute has essentially been in stasis for several years and has let its D&O insurance lapse to conserve funds as there are no active projects currently. The officers and board have been considering allowing the renaming and repurposing to e-learning purposes to accommodate GAZeL becoming a 501(c)(3). Oris and Mark on behalf of ATI Institute presented their inclination to accommodate the requested transition to the ATIC Board on April 9, 2018 where overall there were no objections.

ATI Institute is now moving to transition the organization and disburse the current financial assets, which will provide ATIC with repayment of its $2K loan and assignment of approx. $1.2K in residual funds. A $2K sponsorship from Ted Kraver will remain with the transitioned entity.

The repurposed organization would remain an option for managing future broadband grant opportunities in conjunction with ATIC as would the Arizona Technology Council Foundation and other potential partners.

4 Information and Action Plans

4.1 ATIC Domains, Mailing List, CRM & Website Updates Status & Outlook (All)

All these elements remain in flux but are being actively examined now for potential solutions and future pathways. Our website will most likely be going to a Weebly (https://www.weebly.com/) platform. Mark noted that we need to rebuild our mailing list likely in cooperation with GAzEL.

4.2 New Business or Motion Considerations (All)

No other new business or motions considerations were brought forth for this month.

5 Upcoming Meetings/Events Attended

5.1 Government Technology - Arizona Digital Government Summit 5/15-16/18. ATIC was not granted exhibitor status this year due to changes in policy. Public sector employees may attend at no charge, http://www.govtech.com/events/Arizona-Digital-Government-Summit.html

5.2 Sun Corridor Network - I40 Corridor Multi-State Broadband Initiative 5/17/18 (Flagstaff), https://suncorridornet.org/

5.3 Ted Kraver - Autobiography Signing & Brunch on 6/9/18 at 10:00 AM-12:00 PM at the Sunnyslope Historical Society Museum in Phoenix. Contact Bobbie Kraver at bkraver@kraver.cc, http://sunnyslopehistoricalsociety.org/

6 Announcements

None this month.

7 Adjourn

ATIC Upcoming Board & Public Meetings

The next ATIC Board Meeting will be on Wednesday, June 13, 2018 from 12:00-2:00 PM under the Capitol Dome in the Historic Supreme Court Chamber on the 2nd floor of the Arizona State Library, 1700 W. Washington St., Phoenix AZ 85007.

Upcoming ATIC Board Meetings are scheduled for the second Wednesdays of the month (except August and December) from 12:00-2:00 at the Arizona State Library in Phoenix or by remote connections as follows:

> **June 13, 2018 (in the Historic Supreme Court Chamber, 2nd Floor)**
> **July 11, 2018**
> **September 12, 2018**
> **October 10, 2018**
> **November 14, 2018**

ATIC Public Meetings:

> **None Currently Scheduled**

desert
FINANCIAL
CREDIT UNION

👤 Arizona T... ⌄

Dashboard

My Accounts ⚙

Checking	$2,267.50
ATIC 434041	ᴬ $2,267.50
04081-0400	$2,267.50
Savings	$10,003.40
ATIC 073206	ᴬ $10,003.40
04081-0000	$10,028.40
Share Certificate	$12,188.49
Business Cert 12 Month...	ᴬ $6,134.68
04081-1101	$6,134.68
Business Cert 18 Month...	ᴬ $6,053.81
04081-1100	$6,053.81

ᴬ Available Balance

Budget Tracker for **May**

You have no budgets

Create a Budget

HOME IS WHERE YOUR STORY BEGINS.
Start making memories with
our home loan solutions.
LEARN MORE

Important Information

There are no recent news articles.

Last **15** days ⚙

-◧ times

Next **15** days ⚙

There is no activity scheduled for the
next 15 days.

Quick Links

Credit Card Login

Investments (LPL)

Mortgage Loans (MLOS)

Identity Secure

Financial Resources & Education ⚙

Simple Ways to Protect Your Identity
Identity theft is on the rise. Read on to find out
a few simple things you can do to protect
yourself and your family.
April 19, 2018

4 Ways a HELOC Can Help
With home values expected to rise 5.9% over the
next year, 2018 is the ideal time to take out a home
equity loan and write the next chapter of your
family's story. Do you know which type of loan will
help you get to your fairytale ending?
April 23, 2018

https://olb.desertfinancial.com/DashboardV2

5/7/2018

Desert Financial Credit Union

Transaction History

138Transactions		Statement Period: All Dates	Date of Statement: 05/07/2018

DATE	DESCRIPTION	CREDITS	DEBITS	BALANCE
04/19/18	DRAFT #2170 TRACER 12679750		-$27.23	$2,267.50
04/11/18	SQ *BLIMPIE 7991 PHOENIX AZ 00000000		-$120.00	$2,294.73
04/10/18	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-$26.67	$2,414.73
03/23/18	ACUITY POLICY Z385 6300 800-242-7666 WI 00000000		-$577.00	$2,441.40
03/21/18	DRAFT #2169 TRACER 11935709		-$31.44	$3,018.40
03/14/18	SQ *BLIMPIE 7991 PHOENIX AZ 00000000		-$110.00	$3,049.84
03/13/18	CENTURYLINK AUTO PAY AZ TELCOM INFO COUNCIL		-$27.41	$3,159.84
02/23/18	DRAFT #2168 TRACER 11292739		-$28.43	$3,187.25
02/14/18	SQ *BLIMPIE 7991 GILBERT AZ 00000000		-$120.00	$3,215.68

ATIC Board Agenda 6/13/18 & Minutes 5/9/18   **Page 14**