

August 30, 2021 AZBSN COVID-19 Digital Access Task Force Teleconference Report

Attendees

Steve Peters, Henry Goldberg, Mark Goldstein, David Ackerman, Tracey Beal, Amanda Bernal, Karen Beshak, Andrew Bevington, Melissa Boydston, Wes Brownfield, Kirk Busch, Erin Carr-Jordan, Oliver Carter, Michael Cohen, Josh Cohn, Jerry Crow, Brian Daly, Lindsay Dietz, Michael Edmonds, Heather Floyd, Karen Hewitt, Cindy Hogan, Shereka Jackson, Debbie Kovesdy, Debra Kurtz, Tarma Liranzo, Ilana Lowery, Derek Masseth, Sophia Mayberry, Will McCullen, Paul Melcher, Mala Muralidharan, Mauricio Orozco, Lawrie Prickett, Cindi Ptak, Tracy Rexroat, Fernando Roman, Paul Ross, Michelle Simon, Andy Sinclair, Roni Singh, Jeff Sobotka, David Soffer, Athena Stuart, Rachna Vas, Albert Velarde, Manny Villa, Joy Whiting, Brad Zerbe (see contact list below).

Task Force Events & Updates Webpage, Kibitzing with Colleagues, Database of Presentations at Task Force Meetings, Arizona Digital Inclusion Directory, Chicanos Por La Causa Applying for EDA Grant, Local First Arizona Collaboration on Grant Applications

Task Force Events and Updates Webpage

Steve continues to add information relevant to the task force on the Events and Updates webpage of the task force website. Steve includes a link to this webpage/newsletter in his e-mails to the task force, and strongly encourages task force participants look at this webpage regularly for important information on programs (e.g. federal grant programs), events, and contacts. Steve regularly updates this webpage with new announcements and activities of interest to the task force. <https://www.arizonatele.org/covid-updates-aug-26-2021.html>

Kibitzing with Colleagues” Sessions

Steve stated there are now “Kibitzing with Colleagues” sessions held immediately after the Monday morning task force meetings, where task force participants can informally talk, share, or collaborate on any topics of interest. There will be no agenda, no presentations, and no specified ending time for these sessions.

Database of Presentations at Task Force Meetings

Henry Goldberg constructed a database/spreadsheet of all the presentations (Digital Access Resource Highlights) delivered at our AZBSN COVID-19 Digital Access Task Force Meetings since the task force began operating on March 23, 2020. There have been 45 presentations delivered over the past 18 months through August 23, 2021. The database shows the presentation topic, brief description of the presentation, and the presenter for each meeting.

Steve will convert this database to a Google Sheet which will be posted on the task force website. The Google Sheet will contain links to the corresponding task force meeting report (where the presentation is summarized) and the PowerPoint presentation (if available) or the meeting recording (if available). This Google Sheet will be updated regularly with new presentations that have been delivered.

Steve and Jeff Sobotka thanked Henry Goldberg for preparing this useful and important database to keep track of the task force's work.

Arizona Digital Inclusion Directory

Cindy Hogan reported that she is working with Nicole Umayam of the Arizona State Library to prepare an Arizona Digital Inclusion Directory that will be posted on the Connect-Arizona website. This is intended to be a one-stop place where one can find any organization doing work on digital inclusion in the state. Cindy and Nicole are sending out introductory e-mails to invite relevant organizations to be listed in this directory. See the [Arizona Digital Inclusion Directory Survey](#) to add your organization.

Chicanos Por La Causa Applying for EDA Grant

Steve reported that Robert Alvarado, Vice President of Information Management & Technology Management for Chicanos Por La Causa, is a participant in our task force and informed Steve that they are looking to apply for an Economic Development Administration (EDA) grant with appropriate partners. Chicanos Por La Causa serves five states and is active in Arizona. Steve, Derek Masseth (Executive Director of the Sun Corridor Network), and Cindy Hogan met with Robert and Amanda Bernal, Vice President of Resource Development for Chicanos Por La Causa, to discuss this.

Amanda Bernal stated that Chicanos Por La Causa will be applying for an EDA "Build Back Better Regional Challenge" Phase 1 planning grant, and if successful in that phase will go on to apply for the Phase 2 implementation grant. They are currently in the finding phase to assemble necessary information to apply for this regional economic revitalization grant.

Steve asked Cindi Ptak if there can be multiple EDA grant applications from Arizona and Chicanos Por La Causa would like to know who else is submitting grant applications in the state. Cindi responded that there has not been a lot of interest so far in applying for the "Build Back Better Regional Challenge" grants in Arizona, but she is not at liberty to discuss other EDA grant applications. Cindi stated that each application will be evaluated nationally as its own project. Cindi added that if a strong Phase 1 application is approved, then this will enable the applicant to potentially move onto Phase 2 (where 20 – 30 regions will be awarded implementation grants) or this may be eligible for another EDA NOFO.

Steve invited task force participants who are interested in the Chicanos Por La Causa EDA grant application to contact him if they wish to attend their next planning meeting on this.

Local First Arizona Collaboration on Grant Applications

Steve noted that there are a variety of sources of funding for digital access projects. Kimber Lanning, CEO of Local First Arizona, presented to our task force (on May 10, 2021) on their newly-launched Economic Recovery Center that will enable more qualified Arizona cities, towns, counties, and non-profit organizations to win competitive federal, state, and foundation grants. Kimber has asked Katie Boddy, Manager of the Economic Recovery Center, to collaborate with our task force on applying for broadband/digital access grants. Steve stated that Katie will present at our next task force meeting on September 13th.

Updates: State Broadband Director, AZ State Library, ADE and The Final Mile Project, Sun Corridor Network

State Broadband Director Update

Jeff Sobotka, State Broadband Director at the Arizona Commerce Authority (ACA), reported on his recent activities.

Jeff had a meeting with the Governor's Office recently, and they are happy that he and our task force are working with Chicanos Por La Causa on broadband/digital access development. Jeff emphasized that he is focused on assisting community-led bottom-up efforts.

Jeff has been working with Santa Cruz County on holding a Broadband Action Team (BAT) meeting in early September to develop a broadband plan for the county.

Jeff is meeting with Valley Telecom to get more carrier interest in serving southeastern Arizona. Jeff noted that the cost of building Fiber-To-The-Premise (FTTP) network or equivalent for a county is on the order of \$100 million so the state is looking to allocate its funding as effectively as possible.

The ACA retained KPMG as the external consulting firm to provide an update to the 2018 state broadband strategic plan focusing on middle-mile fiber strategy/planning. Jeff stated they are near the end of their engagement with KPMG, and expect to have their addendum to the state broadband strategic plan by October as the ACA launches its Rural Broadband Development Grants (RBDGs) program. It will be important that state broadband grants are in alignment with this KPMG report.

The ACA RBDGs program will be a once-in-a-decade opportunity for Arizona communities to propose projects that have a huge impact. Jeff stated that Yavapai and Pinal Counties are proposing interesting projects, and both counties have existing middle-mile fiber networks funded by E-rate. Some counties don't have middle-mile fiber, and Jeff is working with carriers (e.g Valley Telecom) to provide this.

Jeff emphasized that the RBDG grants and KPMG report will be aligned with the substantial federal broadband infrastructure funding upcoming.

Jeff will be traveling to southern and northern Arizona in September.

Steve Peters commented that a lot of federal funding is focused on broadband infrastructure, but he is talking to Local First Arizona and Chicanos Por La Causa about digital inclusion funding as well.

Kirk Busch asked if there is any update on the federal infrastructure bill including funding for broadband infrastructure. Mark Goldstein replied that it looks like the House of Representatives will vote on this bill by September 27th and if they approve something different than the Senate it may go back to a House/Senate conference committee for resolution (which may take another month). Mark added there may be input from various stakeholders on related issues such as Community Anchor Institutions (CAIs) receiving higher priority.

Arizona State Library Update

Mala Muralidharan, E-rate Administrator for Public Libraries at the Arizona State Library, reported on her and Arizona State Library recent activities.

With reference to Jeff Sobotka's comments above on fiber networks, Mala noted Arizona has deployed about 1500 miles of middle-mile and last-mile fiber through E-rate funding with associated state matching funds since 2017. Much of this fiber is in Yavapai, Pinal, Yuma, and Apache counties.

The FCC has released its draft eligible services list for 2022 E-rate funding. This eligible services list still does not include cybersecurity. Software to run networking equipment is now eligible, but they will be strict on not allowing equipment/software from companies that are prohibited for national security reasons (under the Secure Networks Act). Comments are due on this draft eligible services list by September 27th.

The Arizona State Library continues to work on outreach for the FCC Emergency Broadband Benefit (EBB) program (discussed at previous task force meetings). Arizona currently ranks #14 among the states in enrolling low-income households in the EBB program, with 112,862 households enrolled. Arizona is currently adding about 200 – 250 enrolled EBB households each week. Mala thanked all those in the task force who are working on EBB outreach. Tracey Beal emphasized that we need to continue getting the word out to low-income households about the EBB program. Ilana Lowery put a link in the Appendix 2 Chat to an article that explains why households are not signing up for the EBB program: the article states that the EBB enrollment process is too complicated and that navigators are important to assist households in enrolling. Steve Peters suggested our task force could talk with Cindi Ptak about EDA funding for a state navigators program for digital inclusion – Cindi welcomed this and noted that the deadline for the Phase 1 “Build Back Better Regional Challenge” planning grants is October 19th.

The FCC Emergency Connectivity Fund (ECF) program (discussed at previous task force meetings) provides \$7.17 billion in support to schools and libraries for off-campus primarily home connectivity for students, school staff, and library patrons by covering purchases of broadband connectivity and laptops/tablets, Wi-Fi hotspots, modems, and routers. August 13th was the deadline for applying for the ECF program, and USAC is working on sending out funding commitments. Arizona applied for about \$200 million, which was #6 nationally in how much was applied for in ECF funding. Mala noted that Arizona requested about \$147 per student, which is a relatively modest amount. The FCC will be opening a second ECF application window for 15 days from September 28th – October 13th because the summer vacation period for schools limited time for applications, and there is still \$2 billion remaining in funding for the ECF program.

SHLB held a webinar on August 20th on telehealth in libraries. Telehealth in libraries is becoming increasingly important (e.g. with hospital overcrowding in the pandemic) as libraries enable patrons who lack Internet access to connect to their healthcare providers. Libraries may provide space, kiosks, and nurse practitioners for telehealth. The main speaker at the webinar was Craig Settles, an industry consultant, has published a guide on providing telehealth in libraries. Janet Major and Mala will conduct an Arizona Telemedicine Program “Virtual Office Hours” webinar on Thursday September 9th at 12:00 pm on telehealth in libraries and the Arizona State Library plans in this area (an e-mail will be sent to the task force about this).

See Appendix 1 for Mala's written report providing more details on the E-rate program, EBB program, ECF program, and the SHLB telehealth in libraries webinar.

ADE and "The Final Mile Project" Update

Sophia Mayberry, Project Manager and Technology Policy Coordinator in the Office of the Superintendent of Public Instruction at ADE, reported on recent ADE activities, and Wes Brownfield, Executive Director of the Arizona Rural Schools Association, reported on "The Final Mile Project".

Sophia reported that Milan Eaton, State E-rate Director at ADE, along with Chris Richardson, the new ADE CIO, are promoting the new ECF application window with schools around the state.

ADE is working on its response to the long-term recommendations report of the ADE Technology Task Force.

Wes reported on "The Final Mile Project" (discussed at previous task force meetings), which is funded by ADE. They had released five RFPs for five different school districts. All five RFPs have received successful bids in demonstrating the proof-of-concept requested. They are now trying to build awareness of the successful concepts for last-mile access by presenting their results to the County Board of Supervisors in different counties. Wes congratulated Milan Eaton who had the idea for this project and made it happen. Steve Peters commented that our task force should advocate for such final mile funding for school districts across the state.

Sun Corridor Network Update

Derek Masseth, Executive Director of the Sun Corridor Network (SCN), reported on recent SCN activities.

Derek reported that Segment 1 of the I-17 middle-mile fiber deployment project was awarded to William Charles Construction and he hopes to have this network live in late 2022. The Segment 1 kickoff meeting will be held on September 2nd in Flagstaff.

The SCN is working with minority-serving institutions on the NTIA Connecting Minority Communities grants program.

The SCN is advancing its work with school districts in the Phoenix metro area to provide connectivity to student homes for addressing the homework gap.

The SCN is also working with Sophia Mayberry at ADE to sign up more school districts for the Eduroam service.

A

Alluvion Communications Presentation

Gila Local Exchange Carrier, Inc (GLEC), which does business as Alluvion Communications, is headquartered in Chandler, Arizona. David Ackerman, General Manager of Alluvion Communications, delivered a presentation to the task force on Alluvion's background, mission, products/services, current fiber, work-in-progress, and future builds. Following is a summary of

key points from the presentation, and the full presentation will be posted on the task force website.

Alluvion provides fiber and voice/data solutions for governmental organizations, education institutions, and corporations in central and southern Arizona. They deploy both dark and lit fiber, and offer a portfolio of services including Internet access, Ethernet and private data networks, voice solutions with hosted PBX and a cloud call center, and IP transit services. They provide network design, installation, and support, and have a 24/7/365 Arizona Network Operations Center.

Alluvion has been strongly focused for the past three years on deploying fiber infrastructure. David showed a map of Alluvion's current fiber backbone network. Their fiber network connects to all data centers in downtown Phoenix and is expanding to data centers in Mesa and Goodyear. They have fiber growth of hundreds of miles planned for Pinal County (through Coolidge and Casa Grande) and other areas of Arizona. They are looking to connect Arizona tribal lands with a fiber backbone.

Alluvion is an authorized CLEC in Arizona and is on the state contract for Arizona (so can bid on E-rate projects). They provide services to schools, enterprises, the State of Arizona, as well as cellular carriers and downstream Internet providers. They are within close distance to thousands of enterprise and government locations in Arizona, and are expanding into Fiber-to-the-Home (FTTH) with federal USDA grant funding.

Alluvion was awarded Connect America Fund (CAF) funding to serve underserved areas in Arizona. Earlier this year, Alluvion received a \$14.8 million USDA ReConnect grant to deploy a Fiber-to-the-Premise (FTTP) network in rural Arizona covering 59 square miles which includes 5,547 households, 142 businesses, 3 fire stations, a police department, a school, a health care facility, and 6 farms.

GLEC has a subsidiary "Digital Connect Initiative (DCI)", which is a sister organization of Alluvion. Amanda MacDonald is the program manager of DCI, which is a non-profit organization focused on bridging the digital divide for rural/tribal communities. DCI addresses digital literacy, digital heritage preservation, telehealth, STEAM, and diversity in high-tech industries. It does trade shows and training programs, and have done a digital literacy program for the Gila River tribal community for seniors using tablets for Webex. David commented DCI could be a major partner on digital inclusion activities of this task force.

Jeff Sobotka commented that Alluvion is viewed as a next generation carrier that will be an important partner, particularly in Maricopa and Pinal counties, and will be playing an important role in industrial development in Coolidge (in Pinal County). Jeff noted that USDA ReConnect grants are very difficult to get, so Alluvion is making important progress in FTTP solutions. David added that Alluvion is aiming to serve many small communities with FTTP that other carriers will not serve.

Joy Whiting, Apache County School Superintendent, asked if Alluvion has middle-mile fiber on the Navajo Nation because Apache County has a problem with monopoly of carriers and would like to see more options. David responded that they do not currently have middle-mile fiber there, but will be looking to provide that in the future.

Roni Singh asked if they have plans to serve areas south of Tucson, and David responded that they have plans to serve that area in the future.

Next Steps

The next AZBSN COVID-19 Digital Access Task Force overall meeting will be held on Monday, September 13th at 7:30 am (no meeting on September 6th which is Labor Day).

As mentioned above, Janet Major and Mala will conduct an Arizona Telemedicine Program "Virtual Office Hours" webinar on Thursday September 9th at 12:00 pm on telehealth in libraries.

Henry Goldberg and Steve Peters will write up a summary report of today's task force meeting. Steve is substituting for Oris Friesen, who is on vacation.

Appendix 1: Mala Muralidharan Report on: E-rate Program, FCC Emergency Broadband Benefit (EBB Program), Emergency Connectivity Fund (ECF), SHLB Webinar on Telehealth in Libraries

E-rate : AZ

On August 27, 2021, the Federal Communications Commission released the draft Eligible Services List for Funding Year 2022. While the FCC does not propose adding new (or eliminating existing) products or services, they do propose two clarifications:

A note clarifying that "applicants may request both equipment and the software necessary to use the equipment on the FCC Form 470, or request just the equipment on the FCC Form 470, and still receive support for both the equipment and the software necessary to use the equipment...on the FCC Form 471."

A note indicating that "E-rate participants are prohibited from using E-rate support to purchase, rent, lease, or otherwise obtain" or maintain equipment manufactured by companies on the prohibited list in the Secure Networks Act.

Initial comments to the draft Eligible Services List are due on September 27, 2021, with reply comments due October 12.

The FY2022 draft ESL is in WC Docket No. 13-184

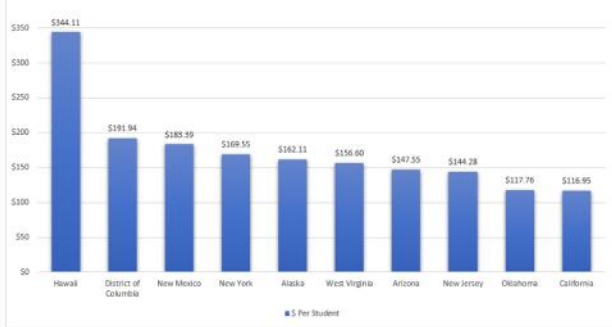
E-rate \$\$\$ with the State match of \$11M (started 2017) has helped build more than 1500 miles of fiber middle and last mile

Emergency Broadband Benefit

112,862 AZ households have applied so far. Arizona is still among the top 15 States – 14th. But we need to keep the momentum going. Please continue promoting...

For Emergency Broadband Benefit general program information: Email: BroadbandBenefit@fcc.gov ; Online: fcc.gov/broadbandbenefit

Resources : For questions about the status of an online or paper application, or questions about the application process including documents needed, contact the Universal Service Administrative Company (USAC) at: Email: EBBHelp@usac.org ; Phone: **1-833-511-0311** ; Online: GetEmergencyBroadband.org



Note: EPC data used to calculate student count per state. Per-student amounts include ECF applications filed by libraries. Territories excluded in the analysis.

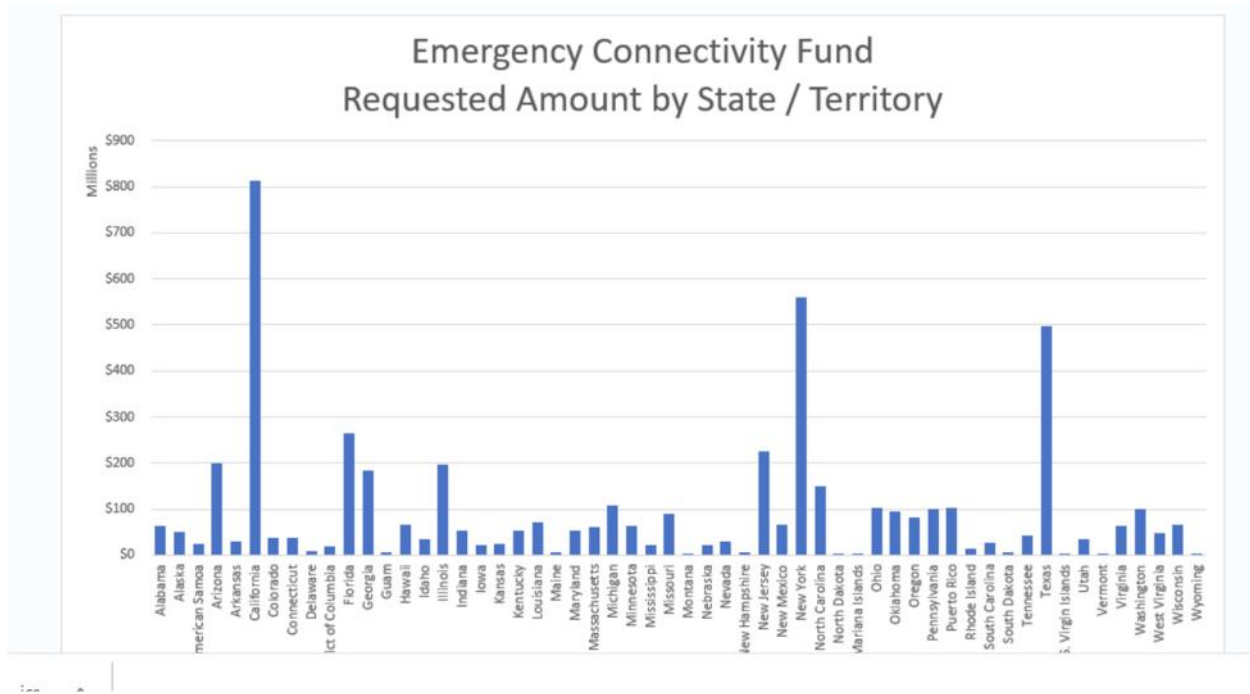
Emergency Connectivity Fund: Friday 13th was the last day.

Second ECF Filing Window Opens September 28

On August 25, 2021, the FCC announced a second 15-day ECF filing window. The window opens September 28 and closes to October 13. The initial filing window, which closed August 13, 2021, received requests for \$5.137 billion to fund 9.1 million connected devices and 5.4 million broadband connections as part of the \$7.17 billion Emergency Connectivity Fund Program.

In a statement Acting Chairwoman Jessica Rosenworcel said, “The Emergency Connectivity Fund is the single largest effort to bring connectivity and devices to students who lack them – and this robust response from applicants shows the tremendous need in our communities. This funding is an important down payment in closing the Homework Gap so that all children, regardless of their circumstances or where they live, have access to the tools they need to succeed. The pandemic highlighted like never before the difference a reliable internet connection can make in a student’s education, and we want to make sure that as many schools and libraries can apply for support this school year. The need is there, and the opening of a second application window reflects that. Together with the Emergency Broadband Benefit Program, we are investing more than \$10 billion in American students and households, so more Americans can connect, communicate, and more fully participate in modern life.”

A state-by-state breakdown of ECF demand shows California had the highest request for \$812,045,890.55 and the least amount for \$1,314,000.00, requested by Northern Mariana Islands. Arizona Applicants applied for \$200M and is 6th Nationally. AZ’s ask was approx. \$147 per student



SHLB – webinar on Telehealth and Libraries 8-20-21:

Telehealth in libraries is becoming increasingly important. Libraries play a critical role in maintaining the welfare and safety of our communities and enabling patrons who may lack internet access to connect to their healthcare providers. Join Craig Settles, author of the “[Telehealth Guide to Connecting Library Patrons to Better Health](#),” The Speakers include

-) **Moderator: John Windhausen**, executive director, SHLB Coalition
-) **Craig Settles**, industry consultant
-) **Michael Williams**, president, Indiana Library Federation
-) **Brian Hubbard**, senior manager of customer services, ENA

The Indiana Library Federation’s Michael Williams, and ENA’s Brian Hubbard spoke of best practices and tips for getting started in telehealth. They shared what Telehealth looks like in a library setting, use cases of libraries that have established their own telehealth programs, and the broadband infrastructure needed to facilitate these programs.

There will be a webinar on Sept 9th where Janet Major and Mala Muralidharan will share what was learned and brainstorm what AZ can do. The link will be sent by separate e-mail from AZBSN.

Appendix 2: Chat from Zoom

- 07:44:46 From Cindy Hogan : Can everyone please mute?
- 07:46:47 From Amanda Bernal : HI Team thank you for the invite I need to hop into another meeting thank you
- 07:46:59 From Ilana Lowery : What is your contact information, Amanda?
- 07:49:52 From Cindy Hogan to Steve Peters(Direct Message) : Steve can you please mute Sophia?
- 07:50:26 From Ilana Lowery : That's a great resource, Henry!
- 07:50:32 From Ilana Lowery : Thank you!
- 07:52:44 From Wes Brownfield to Steve Peters(Direct Message) : I'm out for a little bit have to take this call
- 07:55:32 From Sophia Mayberry : sorry i wasnt muted i thought i was...
- 08:03:22 From Jeff Sobotka : Awesome job on the EBB Mala & everyone who pushed this important program!!!
- 08:06:32 From Tracey Beal : Milan Eaton has done an incredible job getting the ECF info out to schools and walking them through the process!
- 08:06:50 From Mauricio Orozco :
https://aztelemedicine.zoom.us/meeting/register/tJEIcOuurj8sGNHLWfBZ5IjY8w3_pNIjnzLd
- 08:07:14 From Tracey Beal : Well done Mala and Janet!
- 08:07:52 From Manny Villa : Thank you Mala! Sahuarita Unified School District application for ECF was turned in. Our plan is to buy 1,125 chromebooks...
- 08:08:15 From Mala Muralidharan : Thanks Tracey ... it is a group effort.
- 08:09:24 From Mauricio Orozco : Thank you Mala and Janet, another exciting opportunity for libraries & health sectors.
- 08:11:19 From Karen Hewitt : Opened on Monday
- 08:13:59 From Ilana Lowery : <https://www.publicknowledge.org/blog/the-major-obstacle-preventing-americans-from-getting-the-emergency-broadband-benefit/>
- 08:17:32 From Wes Brownfield : I need to step out now. See you all next week

08:21:36 From Jeff Sobotka : Bear Down David!

08:31:38 From Will McCullen to Steve Peters(Direct Message) : I apologize. I had an issue pop up. I have to run.

08:38:25 From Albert Velarde : Can we see the map again of the area you cover please? or can this be emailed out to all of us

08:42:23 From rachnavas to Steve Peters(Direct Message) : Hi Steve, I'd like to follow up with you this week - any time on Tuesday or Wednesday?

08:42:23 From Tracey Beal : Thank you everyone!

08:42:33 From Roni Singh : Thank you

08:43:05 From Joy Whiting : I am interested in the discussions on the EDA grant.

Appendix 3: Registration Information for Attendees at Today's Task Force Meeting (see next page)

First Name	Last Name	Organization	Job Title	Email	Phone	Mobile
David	Ackerman	Alluvion Communications	General Manager	dackerman@alluvion.net	4806391992	5206101171
Tracey	Beal	School Connect	CEO	tracey@schoolconnectaz.org		
Amanda	Bernal	Chicanos Por La Causa, Inc.	VP of RD	amanda.bernal@cplc.org	6022576711	
Karen	Beshak	Kajeet Inc	BDE	kbeshak@kajeet.com		
Andrew	Bevington	PCSO	Director, Business & Education Partnerships	andrew.bevington@pima.gov	15207248213	
Melissa	Boydston	VSUW	VP	mboydston@vsuw.org		
Wes	Brownfield	ARSA	Executive Director	arsaschools@gmail.com		
Kirk	Busch	BigData Southwest, Inc.	ceo	kirk.busch@bigdatasw.org	4803344997	
Erin	Carr-Jordan	ASU	Head of Social Impact	erobins@asu.edu	6023213304	
Oliver	Carter	GenTech Support	CIO	oliver@gentechsupport.com		
Michael	Cohen	ATIC	Researcher	mikey1145@yahoo.com	520-390-6647	
Josh	Cohn	Pima County	Program Coordinator	Josh.Cohn@pima.gov		
jerry	Crow	Digital Forensics and Cloud Security	Cybersecurity Professional	jerry.crow@computer.org	4804515954	
Brian	Daly	AT&T	AVP	brian.k.daly@att.com	4252417544	4252417544
Lindsay	Dietz	CVN-AACHC	Director of Program Services	LindsayD@healthyarizona.org		
Michael	Edmonds	Tucson House ; Thrive in the 05	Treasurer/Secretary ; Steering Committee Member	mikemedmonds1@gmail.com	929-244-9477	929-244-9477
Heather	Floyd	Valley TeleCom Group	Pubic Relations Specialist	heather.floyd@teammvtg.net	5203848912	5203496658
Henry	Goldberg	ATIC	Vice Chair	hgold52@aol.com	480-609-9279	480-433-3534
Mark	Goldstein	International Research Center	President	markg@researchedge.com	602-470-0389	
debra	hanken kurtz	arizona state university	associate university librarian	dhanken@asu.edu	9196042100	
Karen	Hewitt	VectorUSA	AE	kahewitt@vectorusa.com		
Cindy	Hogan	None	none	cindyhogan333@gmail.com	5208911285	
shereka	jackson	future stars	ceo	futurestarsaz@hotmail.com		
Debbie	Kovesdy	GenTech	ceo	debbie@gentechsupport.com	6025711014	
Tarma	Liranzo	ETS	Program Manager	tarma.liranzo@ets-pllc.com		
Ilana	Lowery	Common Sense - Arizona	Director	ilowery@commonsense.org	623-341-0177	
Derek	Masseth	Sun Corridor Network	Executive Director	dmasseth@suncorridor.org		
Sophia	Mayberry	Arizona Department of Education	Project Manager	Sophia.mayberry@azed.gov	602.542.5423	602.541.3741
Will	McCullen	PCC	Program manager	jwmccullen@pima.edu		
Paul	Melcher	Town of Oro Valley	CED	pmelcher@orovalleyaz.gov	5207800219	
Mala	Muralidharan	Arizona State Library	E-rate Administrator	mala@azlibrary.gov	14802215120	
Mauricio	Orozco	Care1st Health Plan Arizona	Community Engagement Manager	morozco@care1staz.com	14802823631	
Lawrie	Prickett	Smith Bagley Inc dba Cellular One of North East Arizona	information & data specialist	Lprickett@cellularoneaz.com	9285370375	9282051604
Tracy	Rexroat	Az Department of Education	Program Specialist	tracy.rexroat@azed.gov	6023640322	
Jenny	Rickel	Native Network, Inc.	COO	jrickel@nativenetwork.com	5093000102	5096615100
Fernando	Roman	Cwa 7026	Executive Vice President	froman@cwa7026.com	5207097199	
Paul	Ross	Phoenix College	AVP CIO	paul.ross@phoenixcollege.edu		
Andy	Sinclair	Arizona Department of Economic Security Division of Aging and Adult	CAPS Capacity Development Coordinator	asinclair@azdes.gov	4802632271	4802632271
Roni	Singh	SFB and CRC	ERN and CRC director	rsingh@sfb-crc.org	520-393-9872	
Jeff	Sobotka	ACA	State Broadband Director	jeffs@azcommerce.com	6024320004	
David	Soffer	WANRack	Director of Business Development	david.soffer@wanrack.com	8554827225	
Athena	Stuart	Stand for Children	Organizer	astuart@stand.org	6234769752	
Albert	Velarde	SBI	Senior Account Manager	avelarde@cellularoneaz.com		
Manny	Villa	Sahuarita Unified School District	Director of Information Technology	mvilla@sahuarita.net	5206253502	
Joy	Whiting	Apache County	Apache County School Superintendent	joy.joywhiting@gmail.com	9283377539	
Brad	Zerbe	AZ Government Consulting, LLC	Principal	zerbebrad@gmail.com	6233320506	6233320506
Rachna	Vas	Microsoft	Business Program Manager Microsoft Airband US – Rural	rachnavas@microsoft.com	2026770991	2026770991