



# Community Connectivity Consortium

Date: September 9, 2021

Time 11:00 a.m.

Note: Due to COVID-19 pandemic restrictions this meeting was held online only.

## **Voting Members Attending: *Italicized names = Board Members***

Thomas Fichtner – City of Federal Way, Tim Hannah – South Sound 911, *Jay Gray* – Renton School District, Adam Munson – SCORE, *Chelo Picardal* – City of Bellevue, *Noah Pitzer* – UW, *Bob Potts* – King County, *Mehdi Sadri* – City of Renton, *David Travis* – City of Auburn, *Lora Ueland* – VCC911, *Randall Wood* – Lake WA School Dist., *Donna Gaw* – City of Kirkland,

## **Guests Attending:**

Hope Bourne – VCC911, Dennis Cook – UW, Drew Hunt - Valley Medical Center, Jim Levy – Valley Medical Center, Mark Strand – UW, Ian Hardgrave – City of Renton, Paul Dunn – DunnCo

## **Introductions/Call to Order**

Chair Chelo Picardal called the meeting to order at 11:02.

## **#1 Approve minutes of May 13 General Member meeting**

Move to approve Noah Pitzer, Bob Pitts for 2nd. Approved.

## **#2 Board Officer Vice Chair position**

Tom Howley has relocated to Michigan, leaving the Vice Chair open. The Renton School District Board member is Jay Gray.

Lora Ueland motioned to appoint Donna Gaw, City of Kirkland, to serve as Vice Chair for the remaining current term which expires May of 2022. Bob Potts seconded. Approved.

## **#3 Fiscal Report**

The report was emailed out to the Board. Currently underspending on expenses. Spending on consulting, UW M&O services, waiting on KC GIS bill. Replacement reserves money is typically moved over later in the year. Insurance was higher than expected. Balance as of Aug 31 is \$202,337.20.

## **#4 VMC - on becoming a voting member of the C3**

VMC Public Hospital District #1 has requested to be a voting member. They have completed the membership requirement of being a non-voting member for 1 year.



# Community Connectivity Consortium

David Travis moved to approve VMC's request to become a voting member. Donna Gaw 2nd. Approved. Chelo stated VMC's membership demonstrates the mission of C3 in building and leveraging partnerships to attain mutual goals.

## **#5 VMC - request for allocation of Fiber Optic Strands held in C3 Trust**

Summary of request - need for connectivity out to Westin and managed service provider on a different path than existing commercial carriers for resiliency. It also increases bandwidth capacity.

PA 78 would provide a single pair (2 strands) of the fiber optic cable on the Bellevue/Newcastle/Renton Fiber backbone as described in PA 37 and a single pair (2 strands) on the RCECC fiber optic cable as described in PA 63.

Jay Gray asked if Renton School District allocations would be impacted by this request. Answer was no, no impact. The requested strands will come out of the trust held by C3.

Mehdi Sadri moved to authorized VMC's request. Noah Pitzer seconded. Approved.

## **#6 UW report Ring Update**

Dennis Cook reviewed the March - Sept activity. 3 incidents experienced.

March - fiber b/w Westin & Bothell was dug up, down for several days, traffic switched around as expected. No services down.

August - pole fire affected Westin to Bothell, Bothell to Bellevue...lost the Bothell node as both east/west was down. No services down as nothing feeds in/out of the Bothell node.

August week later - same pole caught fire. Repaired same fiber strand and working with power company to get final resolution. Expect to have it at the next Ops meeting.

Service available at 100% as ring worked as designed.

Service Orders- fulfilled UW 1Gig between Westin & Bothell was turned up.

"In flight" PA 77 ADVA OTDR monitoring. Is completed but always finetuning the fiber distances on the OTDR.

PA 78 VMC 2 strands request "on the runway" to implement.

PA 79 VMC 10 G still "in the terminal".

1Gig assignments reviewed. 8 members have used the 1G.

Waves currently being used reviewed

Slot availability reviewed

## **#7 Agreement on PA 77**

Reported during Dennis' report under #6.



# Community Connectivity Consortium

## #8 C3 Progress & Future Plans

Resources that C3 has - banked strands, 1gig circuits when ring was originally implemented for active members, waves availability. Fielding a request from VCC for a 1Gig circuit and comes back to how do we do this? Gives us a real-life use case to highlight resources, needs. Discussion requested for what is holding members back from using these resources, expansion plans - thinking long term about replacement needs. If we are planning for replacement at some point, but if not going to be used, should we replace it? Envisioned a 7-year replacement cycle (July 2024). Are we getting the full utilization of the resources we collectively own? If not, why not?

- Bellevue gave up their 1G in a different agreement with UW
- VCC has 1G & 10G to provide real-time CAD at our back up, and secondary CAD. Have been pleased with service, no issues since implementing. Investigating C3 as a possible 2nd ISP.
- Kirkland uses ethernet circuits as a redundant internet connection, goes thru Wave
- Renton primary internet connection, jump over KC services thru RCECC to Westin.
- Renton School listed as active, but not really using the link. There is h/w in place but it's not lit right now.

Is 1G too small for needs? Is it a barrier?

LWSD hasn't had a need due to investments early on, have arrangements with local corps that fill the need. Would consider ceding 1G to another member if needed.

RSD a 1G would be too small a pipe. It would only be a secondary ISP envisioned, keeping K20 as primary. Have a 5G with K20. Just recently heard of C3 10G option. Believe some issues with once they got to the Westin.

VCC, NORCOM & Kent currently using 10G.

If 1G is too small, C3 should consider how to make 10G more cost attractive and free up the 1G for those entities that would use them.

If get to Westin, then what? Possible to do a review Westin 201 again to provide/refresh options available.

For those using 1G, what is your roadmap? What are you planning for when 1G is no longer enough? C3's 1G components likely the first components that will hit end of life.

Dennis is tracking end of life dates.

Equip supporting 1G ring (6 switches) only ones announced end of life, end of 2026. Would have to source different h/w if needed to put in more 1G. Dennis doing preliminary work to cost estimate refresh of 1G.

End of sale has not yet been announced for any other components.

End of life comes typically 5 years after end of sale.



# Community Connectivity Consortium

Is anyone looking for federal money to supplement data communication needs?  
VMC has received some over the last year, not currently seeking any.  
Requirements a barrier, one time money not sustainable.

Supply chain disruption, for a variety of reasons principally due to COVID. Will get more constrained before it gets better due to demand - through 2024 likely, per automotive industry

## **#9 Good of the Order**

Supply chain impacts felt in staffing/employee economy  
Corporate knowledge is leaving rapidly due to employee departures  
VMC weekly cross training and DR documentation - not seeing a staffing issue at present.  
Innovation, flexibility has increased due to challenges  
WFH challenges, expectations and limitations

Meeting adjourned at 12:33  
Next meeting is December 9, 2021 at 11:00 AM