

Advisory Committee Briefing Notes

Advisory Committee Briefing		
August 19, 2021	9:00am	MS Teams Conference Call
Meeting called by	Keith Flewelling – Chair / Richard Kirton – Vice-Chair	
Type of meeting	Briefing [virtual]	
Facilitator	Adam Wasserman	
Note taker	Nicci Kowalski	

State Emergency Operations Center [SEOC] Update	
9:00	Adam Wasserman
CoVid-19 Situational Awareness Report	<p>CoVid continues to ravage through the state with the Delta variant. Current case numbers are peaking towards the peaks seen past November, December, causing concern.</p> <p>Current ICU occupancy rate is 84%, with 21% being CoVid confirmed cases.</p>
Wildfires Situational Awareness Report	<p>Just surpassed into the 3rd worst fire season for the State of Washington; nearing 500,000 acres burned.</p> <p>As of August 18th, the state has matched the number of wildfires that occurred in all of 2020.</p>

SECO Update	
9:05	Adam Wasserman / Andy Leneweaver / Cathy Jones-Gooding
Legislative	Senate passed the infrastructure bill; however, did not include the \$15 billion, previously discussed, for Next Generation 911. However, still being worked through either a budget reconciliation or, possibly, as a “stand alone” bill. Updates will be provided accordingly.
FCC Fee Diversion	Task Force continues their work, report due to the Legislature by September. More information to follow at the September scheduled meeting.
County Contracts	Closed out all of the fiscal year '21 contracts. Unspent balance was only \$109.49. Huge “kudos” to Teresa Lewis for staying adamant and getting those budgets utilized.
Training	The online equivalency testing project has been completed. May now schedule employees for online testing, in lieu of in-person proctored testing.

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SECO UPDATE CONTINUED	
RCW drafted changes	<p>Drafted changes have been sent out to all members and coordinators several weeks ago with no responses received as of yet. To make this process easier, an email will be sent with a link to a Microsoft Form, requiring you to simply select your respective county and whether you approve, oppose, or are neutral to the suggested changes. Responses are key, as the Governor’s Office will not push it forward without majority stakeholder support.</p> <p>Final draft to be sent out will be referred to as “Z Draft”</p>
ESF2 Telecommunications/Information Systems	<p>Comtech (ESInet NGCS provider) and their subcontractor, NoaNet, at the request of Columbian & Garfield counties, put in microwave shots that then interconnected to NoaNets connections in Dayton & Pomeroy. This enabled the IMTsⁱ to have broadband access in the forest areas where they are fighting fires.</p> <p>EMD WISE Mapping System has included the NoaNet fiber runs, your radio sites, etc. providing ESF2ⁱⁱ the ability to pay closer attention to 911 infrastructures that may be potentially threatened during events.</p> <p><i>*Clarification was made that the ESInet is not being used (as said use would be in violation Attorney General ruling) but rather co-located network infrastructures.</i></p>

GIS working group critical errors and reporting	
9:15	Keith Flewelling / Adam Wasserman
Goals & Mission	To move toward NENA i3 Compliance [reference]
Future Change Processes	The Chair of the 911 Operations Subcommittee, along with the Chair and Vice-chair of the GIS Workgroup, have come to the understanding & agreement that all future criteria changes will be brought to the Subcommittee, for recommendation for the AC.
ALI 6.0	<p>Along with NENA GIS Model 2.0, is “just around the corner.”</p> <p>Each county must have at least one critical error free upload into the database before 6.0 can be implemented.</p> <p>Once each county has at least one “critical errors” free upload, the critical errors no longer make an impact. As of late yesterday afternoon, all of the counties have produced a critical error free load into the database, thus making critical errors unimpactful, hereafter, to any contractual issues.</p>
Working Groups & GIS Workshop	911 Operations Vice-Chair informed that GIS would be downsizing current working groups and stand-up a Change Management working group. Also putting together a “workshop” for presenting 20-minute overviews at designated AC briefings.
Requestor Questions	No questions or comments were raised in relation to the GIS Workgroup

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PSAP Abandonment Device [PAD]	
9:25	Andy Leneweaver
PAD History & Overview	<p>PSAP Abandonment Device: A switch that was Intrado developed (for CenturyLink) to include in our ESInet. And when activated, it immediately triggered “condition three routing,” in abandonment routing.</p> <p>Each was either in a “push” or “pull” mode; some counties called their neighbor and said, “Pull my calls to you.” Other counties pushed their calls and then called the neighbor; all as pre-programmed static routing.</p> <p>Not part of NextGen 911, thus not included in the ESInet specifications nor included in bidders’ proposals to include said PADs.</p> <p>Upon PSAP migration of to the ComTech ESInet, pre-preprogrammed abandonment was limited to calling the NOC. As such, the AC asked the SECO to engage with Comtech on a possible replacement.</p> <p>Upon said request, Comtech provided a website that provided the same tasks similar to calling the NOC.</p> <p>Working on an APP that currently will only do pre-programmed, pre PRF rules (a.k.a. condition one, two, and three routing).</p> <p>Will ultimately be available for Ad hoc, or “on the fly” type routing (ex. fencing around Lumen stadium for a Seahawks game) along with allowing users to make changes to their pre-programmed routing.</p> <p>Also trying to remove the requirement to be “whitelisted” requiring simply a username and password along with an authentication code that would be sent (similar to online banking).</p> <p>As the request for a replacement remained, Comtech has developed a PAD like device, providing PSAP personnel with the same “switch” ability of the old PADs (no call, no web, etc.).</p> <p><i>See attachment “2” for more details</i></p>
Questions/Comments	<p>Consensus was for the county coordinators to take this information back to their respective PSAPs prior to making a decision.</p> <p>Confirmed that there is a “scaled” plan; not an “all or nothing” offer.</p> <p>At the request for more comparisons to the already available APP vs. the PADs, Comtech will be resending the Web application information to all coordinators.</p>

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Subcommittee Updates	
9:34am	Subcommittee Chairs
Bylaws Ad-Hoc <i>Tina Meier</i>	No Update
Authorities <i>Brenda Cantu</i>	No Update
911 Operations <i>Keith Flewelling</i>	Jonathan Brock informed of the expected report, from ComTech, on lessons learned from the geospatial routing pilot at Kittitas.
Policy <i>Richard Kirton</i>	No Update
Public Education <i>Brynn Sides</i>	No Update
Strategic Planning <i>Lisa Caldwell</i>	No Update
Training <i>Tracey Ollerman</i>	No Update

Annual Report to Legislature	
9:35	Richard Kirton
Annual Onset	Due to Legislature in December/January. Will be asking for volunteers at the September meeting.

APCO Forum Update	
9:37	Richard Kirton
APCO Update	In-person conference has been cancelled by the Board. Refunds will be issued to those that paid. Virtual option being worked on.

Next Scheduled Meetings	
9:40am	Keith Flewelling
Quarterly Meeting	Our next quarterly meeting, scheduled for September 16 th was previously planned for multiple options for attending (in-person, virtual), final decision to go fully virtual was made on September 3 rd (<i>see Attachment 3</i>)

Close of Meeting	
9:45	Keith Flewelling closed the meeting.

Advisory Committee Briefing Notes

Attachment 1 [acronym reference]

i IMT is an acronym for: Incident Management Team

ii ESF2 is an acronym for: Emergency Support Function #2 - Communications Annex



Attachment 2

911 Advisory Committee
State 911 Coordination Office
Building 20 / MS: TA-20
Camp Murray, WA 98430-5011
Business: 253.512.7012

911 ADVISORY COMMITTEE STAFF REPORT 2021

DATE: 8/19/2021

SUBJECT: PSAP ABANDONMENT DEVICE (PAD) REPLACEMENT UPDATE

FROM: KATY MYERS & ANDY LENEWEAVER, ON BEHALF OF THE 911 OPERATIONS
SUBCOMMITTEE AND STATE E911 COORDINATORS OFFICE

Objective:

Brief the Advisory Committee on the development of the PAD replacement device and estimated costs. Request input and guidance on how to move forward.

Background:

On our original ESInet, CenturyLink had provided an Intrado-developed PAD which immediately triggered Condition 3 Routing (abandonment routing) – either in a “pull” or “Push” mode – and as pre-programmed, static routing. The PAD only implemented Condition 3 routing. All other conditional routing required a call to the NOC.

This type of device is not included as a part of NG911, due to the use of the Policy Routing Function (PRF), which allows for both pre-programmed or static routing choices as well as on-the-fly and/or dynamic routing choices. Consequently, providing a PAD was not part of the specifications for the new NG911 ESInet/NGCS and was not proposed by any of the bidders.

When the PSAPs migrated to the Comtech ESInet, the ability to immediately transfer calls to a pre-programmed abandonment route was limited to calling the NOC. The Advisory Committee subsequently requested SECO work with Comtech to develop an alternative solution that would behave similarly to a PAD for implementing the pre-programmed abandonment routing.

Current Situation:

As of April of 2021, Comtech has made available the NGCS website for implementation of abandonment routing as well as more routine and/or specialized PRF changes. PSAPs can email Greg Pittsford to request access. Comtech coordinates set up, training and testing for the web-based PRF tool. The biggest drawback to this is that the device accessing the tool must have a static IP address and that IP address must be “whitelisted” for security. Comtech is working on a version which mitigates this security requirement.

Comtech has also developed a PAD-like solution which is a combination of a highly available, geo-redundant service provided from the NGCS Core and a device [a switch and a processing device] installed at the PSAP.

The Comtech PAD provides PSAP personnel a single button to press to implement the pre-programmed abandonment routing (fka Condition 3 routing).

Funding:

Attachment 2

The pricing for this functionality consists of:

- a single, one-time \$541,000 solution establishment fee
 - (regardless of the number of PSAPs employing the Comtech PAD)
- one-time \$5,000 deployment fee to each participating PSAP
- a monthly \$1,500 operation & monitoring fee to each participating PSAP

SECO has previously stated that the cost of procuring and deploying a PAD will be the responsibility of Counties/PSAPs.

The following chart illustrates potential costs per PSAP participating.

	Number of Participating PSAPs							
Non-Recurring Fees / PSAP	5	10	15	20	25	30	35	40
\$541,000	\$108,200	\$54,100	\$36,067	\$27,050	\$21,640	\$18,033	\$15,457	\$13,525
\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Total Non-Recurring Fees / PSAP	\$113,200	\$59,100	\$41,067	\$32,050	\$26,640	\$23,033	\$20,457	\$18,525
Monthly Recurring Fee / PSAP	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Total 12-month Cost / PSAP	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000	\$18,000
First 12-months Cost / PSAP	\$131,200	\$77,100	\$59,067	\$50,050	\$44,640	\$41,033	\$38,457	\$36,525

Action Requested:

The 911 Operations Subcommittee seek guidance from the AC on how to proceed.

Attachment 3

Kowalski, Nicci (MIL)

From: Wasserman, Adam R (MIL)
Sent: Thursday, September 2, 2021 11:52 AM
Cc: Keith Flewelling; Leneweaver, William A (MIL); Jones-Gooding, Cathy (MIL)
Subject: **September A.C. Meeting VIRTUAL**

Follow Up Flag: Follow up
Flag Status: Flagged

AC and County Coordinators,

Due to the continued impacts of the Delta variant and increasing restrictions throughout the state; the AC leadership and State Office have decided to make the September AC meeting a completely virtual meeting. We had hoped to hold it in person, but current conditions are not going to allow for it.

Meeting information including the invite, documents and other materials will follow within the next week.

Thank you again for your patience.

Respectfully,

Adam

Adam R. Wasserman

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