

Note: These minutes are a draft and are not to be considered official until approved at the next meeting.

	<p>Iowa 911 Communications Council Meeting Thursday, November 14th, 2024 9:30 – 10:15 AM Dallas County Human Services Campus 25747 N Avenue, Adel IA 50003</p>
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Call to Order

The meeting was called to order by Chair Rob Rotter at 9:30 AM and a quorum was not yet determined from those present.

Roll Call

	Representative	Attendance
Iowa Association of Public Safety Communications Officers (APCO) Secretary	Cara Sorrells Angie Dobyns	Present
alternate		
Iowa Chapter of the National Emergency Number Association (NENA)	Chris Jasper Shanna Krogmeier	Present
alternate		
Iowa Geographic Information Council	Jeff Miller Sarah Haberl	Present
alternate		
Iowa State Sheriffs & Deputies Association (ISSDA)	Robert Rotter Brad Shutts	Present
alternate		
Iowa Peace Officers Association (IPO)	vacant vacant	
alternate		
Iowa Professional Firefighters (IAPFF)	Mike S. Bryant Doug Neys	Present
alternate		
Iowa Firefighters Association (IFA)	Eric Dau Tom Berger	Absent Present
alternate		
Iowa Emergency Managers Association (IEMA)	Lynn Tazzioli Chris Hare	Absent
alternate		
Iowa Department of Public Safety (IDPS)	Josh Duden Robert Johannesen	Present
alternate		
Iowa Emergency Medical Services Association (IEMSA)	Rob Dehnert Paul Andorf	Present
alternate		
Iowa Telephone Association <15,000	Adam Welp Scott Havel	Present
alternate		
Iowa Telephone Association >15,000	vacant Wayne Johnson	
alternate		
Cellular Providers	Steve Zimmer	Absent
alternate		
PCS Providers	Bill Tortoriello Joe Sargent	Absent
alternate		
Auditor of the State, Ex-Officio member	vacant John McCormally	Absent
alternate		
Staff:		
Blake DeRouchey, 911 Program Manager		Present
Kayla Beckerdite, 911 Program Planner		Present

Guests also present in person or by teleconference:

Chris Maiers, CISA Region 7
Amanda Pyle, Story County 911
Eric Thye
Paige Klaaren, Iowa County 911
Stephanie DeVault, ICN
Eric Porter, ICN
Brad Button, Des Moines PD
Diane Sefrit, SCI Regional 911
Lynne Warren, Zetron
Tom Holladay, RACOM
Haley Nichols, SWIC ISICSB
Hollie Davidson, ISICSB
Bill Burnett, Comtech
Nic Briseno, Story County SO
Patrick Kazeze
Heath Hove, Dept of Public Safety
Jeff Bernatz, Chickasaw County EMA
Chrisha Elmer
Pam Freshwater, Monroe County 911
Tammy Rodriguez, Aureon
Daniel Stalder
Mark Van Hooser, Buena Vista County 911

Nathan Moore, LSA
Marie Carlson, Zetron
Terry McClannahan, Dallas County SO
Jim Sholly, Cerro Gordo Co GIS
Nichole Neumann, Sac County 911
James Milligan, Zetron
Lucas Erpelding, Dept of Public Safety
Kirk Hundertmark
Justus Thompson, LSA
Stacen Gross, GeoComm
Duane Vos, RACOM
Brenda Wright, Fayette County 911
Caitlan Reineke, Marshall County Comm
Kevin Williams
Doug McCasland, Warren County 911
Rhonda Braudis, Marshall County Comm
Jason Davis
Clayton County EMS Association
Thomas Millikin, Ottumwa PD
Travis Sheridan, Emmet County EMA
Marilyn Stayner, Worth County 911

State of Iowa Administrator Reports (Blake DeRouchey)

Program Manager Report

- Program Financials
- Annual Forms + survey (29 Responses)
- GIS Informational Call – 70 Participants
- PSAP Leadership Training – November 19
- 988 Informational Webinar and Training – January
- Budget 101 at 911 Council Meeting – January
- TERT Deployment and Discussion
- Data Center Discussion
- Comtech Discussion

Blake began with his monthly report with the program financials. There was nothing of note with the PSAP payments. He then walked through the quarterly expenditure form. They took in over \$7.8 million in wireless surcharge for the quarter. The interest generated was almost \$63,000 and there was \$571,000 in prepaid card revenue. It was the first quarter of the fiscal year (July, August, and September) and it is also the quarter where the \$300,000 for program administration comes out. There was \$144,00 in wireless cost recovery and the network costs

are listed below that (Comtech, ICN, GeoComm, Zetron, and GIS grants paid). PSAP payments, which are 60% of the total surcharge, was just over \$5 million dollars. Of note is that they were able to put just over \$300,000 into the operating surplus.

Blake highlighted a couple of items in his report. It has been two years since they have had a first quarter that they didn't have to dip into the surplus just to pay the bills. That is a positive indicator. Another positive indicator (calling attention to the quarterly operating surplus summary box in the middle of the expenditure report) is where it lists quarterly virtual consolidation non-recurring costs, that number is also lower than the amount that they put into the operating surplus. Those two indicators are both positive for the overall health and financials of the program. That being said, they have basically gone for about three quarters without a shared services PSAP getting turned up. That is the reason for a little relief there, and DeRouche didn't think that one quarter would change their approach to anything that they are trying to do legislatively this upcoming session. In summary, it was a good quarter financially, but it does not necessarily change the long-term health. They did continue to crunch some numbers and do some forecasting, that result showed that they will be totally upside down and out of state available funding the second half of fiscal year 2026.

Blake reminded everyone that it is the time of year for the annual forms submissions. They are still due January 1st, and it has been pretty slow on that front. The survey is also still live that was sent out and seeks to capture your local 911 budget surplus information. So far, they have received 29 responses and they have used that data in some of their discussions about potential legislation. He appreciates those who have provided that response.

The GIS informational call was held on October 29th, 2024. They had 70 participants on the call. The link was sent out and it is also posted on the Google shared site for anyone who might be interested and who was not able to attend the actual live webinar.

The PSAP Leadership training is scheduled for next week on Tuesday November 19th and the class is full. Registration has been closed and is no longer available. He will report next month on how that training went.

They are still planning to hold a 988 Informational Webinar and eventual training in January. There is still no definitive date yet and there will be more to come on that. The next line item pertained to Budget 101 and is something that they cover as part of the PSAP Leadership training. Blake has discussed it before in various settings and thought that the community would benefit from some budget training. John Parker with the Department of Management provides that training and he would like to get him scheduled during the January 911 Council meeting.

TERT (Telecommunicator Emergency Response Teams) came up last month during the ISICS meeting and Blake wanted to circle back and update everyone here. One of the things that their department manages is EMAC (the Emergency Management Assistance Compact). It is how they are legally able to send emergency resources out of state during times of disaster. It is part of Iowa Code 29C and it has been codified by all 50 states and territories. The National Guard, State Patrol, and HSEMD staff can all be deployed out of state this way. With the hurricanes in the southeast earlier this year there were quite a few EMAC requests for TERT deployment and within Iowa we do have a TERT team. They are working to formalize them. One of the pieces of Iowa Code 29C allows their department director to create specialty teams and local resources can be cloaked as agents of the state. EMAC is a state-to-state agreement

so they have to be a state resource to be deployed out of state. The Iowa TERT team does have an MOU with the state but it is more of a recognition and nothing formal. They are not currently declared as a specialty team. Some of the other specialty teams established include Urban Search and Rescue and Incident Management teams. They are working towards a more formal agreement with the TERT team with a designation as a specialty team. This would address paying salaries and potentially backfill for salaries if there is an official deployment both in-state and out-of-state.

There is a DPS employee who is part of the Iowa TERT team, and because they are already a state employee, they were able to send that person/resource out of state to North Carolina for an EMAC deployment. There is a lot of interest in deploying out of state but they need to make sure all of the legal aspects are captured as well and documented. There will be more opportunities to deploy out of state for TERT members and they are working to be able to get them out the door a little bit faster. DeRouchey wanted to make sure and document that the DPS employee was deployed out of state and he thought that she was there for just under 14 days. He added that EMAC exists so that both the state and the individual are protected if anything happens and to make sure that everyone gets reimbursed correctly. One of DeRouchey's other hats he wears in the department is actually the EMAC Coordinator.

There are two data centers in Iowa that are part of the Next Generation core service network. One is in West Des Moines and one is in Davenport. They were notified separately and individually (unrelated to each other) that they will need to relocate both of those. That is not a light endeavor and will be quite a bit of work. They do have a little bit of lead time on that, specifically the one in West Des Moines gave about two years notice. They do not have the new design flushed out yet with Comtech and they are still working on that. Hopefully it should be fairly unnoticeable to everyone at the local level. He wanted everyone to be aware that those are two big things they will have to work through at the state level to retain redundancy in the network. There will be more to come on those plans and where those data centers might be moving. It is nothing that the state or Comtech did or didn't do, the facility owners just gave notice that they will need to relocate.

The last bullet point was addressed by Bill Burnett with Comtech. Burnett explained that Comtech has two product divisions. They have a Satellite division and a 911 division, that you are all familiar with. Recently Comtech leadership announced that they are putting the 911 division up for sale. There is a press release that can be found on the Comtech website if you would like to read that. He did not have any information other than that and advised that it is business as usual and continuing to serve its customers and the State of Iowa as they always have. As soon as he has any more information, he will make another announcement.

Blake listed, as part of information sharing, the upcoming ILEA 40-Hour training dates.

40 Hour Basic Schedule – 2025

- January 13 – 17, ILEA
- March 17 – 21, Pottawattamie County SO
- May 12 – 16, Scott Co EMA

- July 14 – 18, ILEA
- September 16 – 20 ISP Post 7, Ft. Dodge
- November 17 – 21, Oelwein PD

2025 GIS Information

- Benchmarks 2025
 - **Upload Monthly**
 - 98% GIS
 - 98% ALI to Road Center Line
 - 0 Critical errors
 - Paid out at end of quarter

FY2025

- Q1 – 100%: \$321,000
- Q2
 - October – 98 Counties

One county did not meet the benchmarks, but that has been rectified, and they have already met the benchmarks for the month of November. For the first month 98 counties met the benchmarks. As a reminder, that just means that they are out one month's grant payment of \$1,000, and they are still eligible for the remaining two months of the quarter or \$2,000. If they have no further issues, they will receive \$2,000 versus the \$3,000 for the quarter.

There were no training fund requests to consider for approval this month.

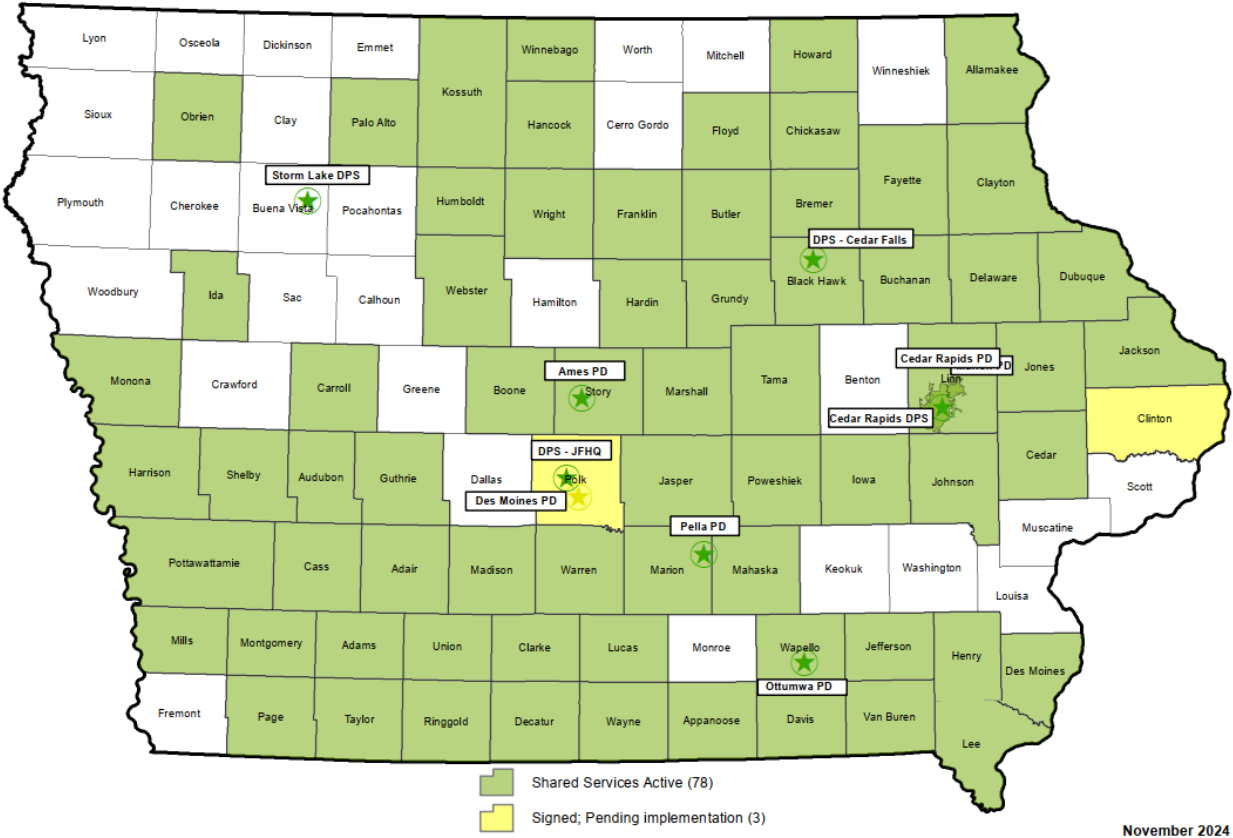
Current Travel/Public Ed/Training Fund

- **\$100,000 Annually (FY2025)**
- Amount Available: \$69,953.02
- Requested: \$0.00 this month

Zetron Shared Services Monthly Status Update – Lynne Warren

Program Updates

- Polk Co signed up for Shared Services



Online Training Portal

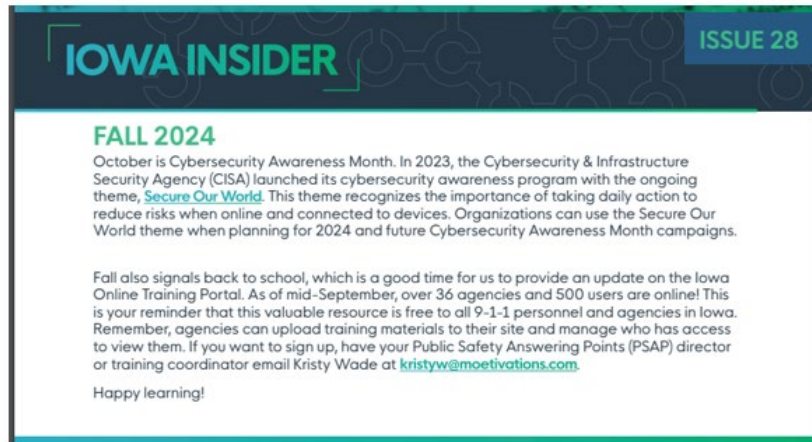
Online Training Portal

Virtual Learning Management System

- Online Portal is **Active** with 38 agencies with 500 users online!
 - **Questions?** Want to join? Email Kristy Wade at kristyw@moetivations.com
- What is the Online Training Portal?
 - **Unlimited** online training for state-wide telecommunicators, supervisors and management teams
 - **Free** to all PSAPs - You do not need to be on Iowa Shared Services
 - Each PSAP is provided a dedicated service admin, to assist in administering its own training portal, class availability, learning path, reports, etc.
 - Choose from **800+** courses, add your own material, and upload vendor training recordings.

Blake added that the online training portal that they procured with training funds last year was acquired and is available through February or March. There will be an upcoming decision to make about the extension of that. He has asked for some pricing options to see if it could be pushed out to the end of the fiscal year, the end of the full year, or another calendar year. That way we have some flexibility and options to consider moving forward.

Iowa Insider Newsletter



- Email lynne.warren@Zetron.com with your contact information to subscribe.

Questions?

New website: <https://homelandsecurity.iowa.gov/programs/911-program/>

Introductions

Chair Rob Rotter had welcomed everyone earlier and a roll call was conducted by Secretary Cara Sorrells of the board members in attendance. Mike Bryant and Chris Jasper had joined the meeting virtually, a quorum was now established, and the meeting continued.

Approve the Agenda

Chair Rob Rotter asked for a motion to approve the agenda as presented. Motion by Cara Sorrells to approve the agenda. Seconded by Chris Jasper. All ayes. Passed.

Approve the Minutes

Chair Rob Rotter asked for a motion to approve the previous meeting minutes. Motion by Josh Duden to approve the minutes. Seconded by Chris Jasper to approve the minutes of October 10th, 2024. All ayes. Passed.

Training Funds Request

None.

Technical Advisory

None.

Iowa State Interoperable Communications System Board Update (Haley Nichols)

SWIC Haley Nichols reported that the Iowa EFOG is in beta testing right now. That is an electronic version of the Field Operation Guide and is similar to the Iowa NIFOG. Soon that will be available on your cellular device or tablet. She will keep us updated on those results.

Next was an update on the IMED project, which has been ongoing for over a year now. They just submitted their Quarter 4 report. Mobile radio orders are being placed and the wave servers will be the next major step in the project. The governance structure of this project has been put in place and hopefully in the ISICSB meeting next the IMED talk groups will be put in place. The radio programming piece will be next. Nichols thanked the grant team that is in place and all of the individuals who have lent valuable input into the documents and the project thus far. She also offered preemptively a thank you in advance to the medical professionals and public safety (including dispatchers) who will be giving this demonstration project the opportunity for success across the state and especially in Region 1.

There has been some major progress also on the EMS communication plan and this week they are looking at the final rough draft of that plan.

The state sponsored COMT (Communication Unit Technician) course TA was approved. Keep your eye out for more information in anticipation of an April 2025 class in Cedar Rapids. They will be able to host up to 16 students and focuses primarily on setting up, maintaining, and troubleshooting communications systems during incidents like natural disasters or large-scale events. It utilizes various technologies like radio, satellite, and data networks to ensure effective communication. If it interests you, you should sign up for that COMT class.

Of the five TA requests the COML (Communications Unit Leader) course was also approved. Nichols is working to schedule the scoping call to determine when that course will take place and they are looking to have that in Pottawattamie County. This course focuses on being responsible for managing all aspects of communications equipment and systems during an emergency or incident, planning, installing, maintenance, and supervising personnel like radio operators and technicians.

ECC Maiers will have a slide during his presentation about courses that are available in Kansas City in preparation for the FIFA World Cup in 2026. If your agency allows you to travel to take some of those COMU courses, those are really valuable. Nichols recommended looking into those and a COMDEX will follow so you will be able to get task books signed off on.

They will have a presentation at Fire School in January and then yesterday she was in Pocahontas county doing dispatcher training. ISICS training is available to your agencies so please reach out if you think that would be valuable to you. Yesterday Nichols and some DPS personnel trained on ISICS system Status Board and the use of interoperable talk groups, how and when you would use them. They are happy to do that and it was a great meeting. They would really appreciate the opportunity to come out and meet you at your agencies and deliver that training to PSAPs or other disciplines.

Chris Maiers CISA Update

The TA request that Kansas City is going to be hosting in preparation for FIFA will be done in two phases. Both phases will be open to all Midwest attendees that may want to take these courses. No dates have officially been set just yet but they are looking at having a COMT in February, an INTD in March, an Incident Communications Manager in April, and another COML course in May. There are potentially going to be two exercises associated with all of these TA deliveries. One would be in August of 2025 and the other in April of 2026. These are still in motion and they are working through the final approval processes.

Chris Maiers then presented the following slide deck:

The slide deck cover features a dark blue background with white text. At the top, it reads 'CISA | CYBERSECURITY AND INFRASTRUCTURE SECURITY AGENCY'. The main title is 'EMERGENCY COMMUNICATIONS COORDINATOR REPORT NOVEMBER 2024'. In the bottom left corner is the CISA logo, and in the bottom right corner, it says 'Chris Maiers November 14, 2024' followed by a vertical line and the number '13'.

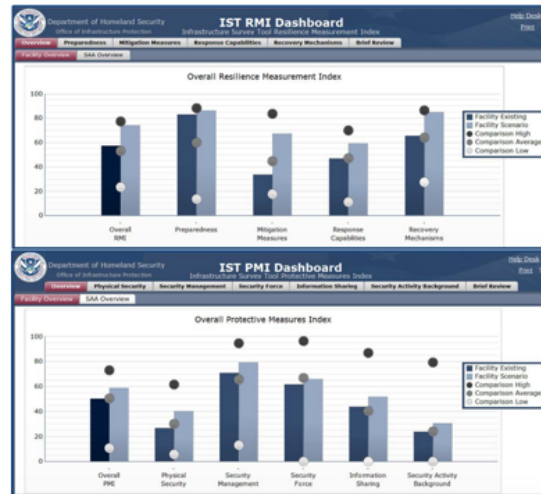
Secure by Demand

- Insight to software manufacturers approach to cybersecurity.
- Provides questions to ask when buying software and resources to assess product security maturity.
- Recommends customers obtain: 1) SBOM, 2) roadmap identifying plan to eliminate classes of vulnerability in their products, and 3) a publicly available vulnerability disclosure policy.
- CISA's Secure by Design Pledge webpage identifies software manufacturers that have voluntarily committed to Secure by Design principles.
- <https://www.cisa.gov/resources-tools/resources/secure-demand-guide>



Infrastructure Survey Tool

- Infrastructure Survey Tool (IST) is a web-based vulnerability survey tool that applies weighted scores to identify infrastructure vulnerabilities and trends across sectors
- Facilitates the consistent collection of security information
 - Physical Security
 - Security Force
 - Security Management
 - Information Sharing
 - Protective Measures
 - Dependencies



IST Data Categories

- Facility Information
- Contacts
- Facility Overview
- Information Sharing*
- Protective Measures Assessment*
- Criticality*
- Security Management Profile*
- Security Areas/Assets
- Physical Security*
- Building Envelope
- Vehicle Access Control
- Parking
- Site's Security Force
- Intrusion Detection System (IDS)/Close Circuit Television (CCTV)
- Access Control
- Security Lighting
- Additional DHS Products and Services
- Criticality Appendix
- Images
- Security Force*
- Cyber Vulnerability
- Dependencies*



IST Deliverables

- Generates the Protective Measures Index and Resilience Measurement Index
- The tool allows CISA and facility owners and operators to:
 - Identify security gaps
 - Compare a facility's security in relation to similar facilities
 - Track progress toward improving critical infrastructure security
- Protected from disclosure via several mechanisms including the Protected Critical Infrastructure Information (PCII) program.
 - <https://www.cisa.gov/sites/default/files/2024-04/Fact-Sheet-PCII-Program-April2024-508c.pdf>

PROTECTED CRITICAL INFRASTRUCTURE INFORMATION PROGRAM

PCII PROGRAM OVERVIEW
The Protected Critical Infrastructure Information (PCII) Program, created by the U.S. Congress under the Critical Infrastructure Information Act of 2002 and implemented in 8 Code of Federal Regulations part 28, "Procedures for Handling Critical Infrastructure Information," encourages public and private sector owners and operators of physical and other critical infrastructure to voluntarily share sensitive security and operational information with CISA in other federal government agencies. The program supports the U.S. Government's ability to understand and identify:

- Security risks and threats from physical and cyber attacks
- Vulnerabilities, mitigation, and resilience strategies
- Critical infrastructure security, threat planning, and emergencies

PCII PROGRAM PROVIDES LEGAL PROTECTION TO SENSITIVE INFORMATION
The PCII Program offers the following legal protections to private sector and state, local, tribal and territorial governments who voluntarily share critical infrastructure information, to include the submitter's identity:

- Disclosure under the Freedom of Information Act (FOIA)
- Use in Regulatory Proceedings
- For State, Local, Tribal and Territorial Governments to Disclose
- Use in Court Actions

QUALIFICATIONS FOR PCII PROGRAM PROTECTIONS
Information must relate to the security of critical infrastructure and the submitter's identity is:

- Voluntarily submitted
- Not customarily shared in the public domain
- Not submitted in lieu of compliance with any regulatory requirements

SUBMITTING CRITICAL INFRASTRUCTURE INFORMATION SECURELY IN 4 EASY STEPS

1. Provide your information at <https://scims.cisa.gov/scimsubmit>
2. Complete System and Certification Statements
3. Drag documents to upload
4. Select Submit. The data is PROTECTED.

For additional PCII Program information and documents, please visit www.cisa.gov/pcii. For program and technical issues, to include registration for training, please contact CSIB@nsc.cisa.gov.



VHF Marine Channel Naming Update

- Recent shift to International Telecommunications Union (ITU) channel ID standard
- Two-digit (US) channel names remain the same
 - Examples: 09 = 09 and 16 = 16
- “A” channels now four digits and start “10”
 - “A” channels are simplex versions of “ship station” international marine duplex channels
 - Examples: 01A = 1001 and 18A = 1018
- “B” channels (outside of US) now four digits and start “20”
 - “B” channels are simplex versions of “coast station” international marine duplex channels
- <https://www.navcen.uscg.gov/us-vhf-channel-information>



Quantum Research – Cracking Encryption

- Recent research document from People's Republic of China (PRC) claims to have cracked encryption using quantum computing.
 - Three foundational algorithms—Present, Gift-64, and Rectangle
 - 22-bit key for RSA (Rivest-Shamir-Adleman) encryption
- RSA has existed since the late-1970s and is created by multiplying two large prime numbers together.
- RSA has been typically used for:
 - Digital Signatures
 - Securing Emails
 - Establishing computer-to-computer connections
- Current practice for RSA is to use RSA-2048 or higher



AES-128/256 Comparison to RSA-22

- AES is considered to be more robust than RSA in general
 - RSA equivalent of AES-256 would be RSA-15,360
- RSA-22 is 2^{22} combinations:
 - 4,194,304
- AES-128 is 2^{128} combinations:
 - 340,282,366,920,938,463,463,374,607,431,768,211,456
- AES-256 is 2^{256} combinations:
 - 115,792,089,237,316,195,423,570,985,008,687,907,853,269,984,665,640,564,039,457,584,007,913,129,639,936
- Side note: Lottery jackpot is 1 in 292,201,338 possible combinations.



EDR Silencer

- Endpoint Detection and Response (EDR) Silencer is a tool designed to interfere with, or disable EDR solutions
 - EDRs typically monitor and detect suspicious activity on endpoint computers or devices within a network.
- By neutralizing EDR defenses, attackers can carry out their malicious activities, such as data theft or system exploitation, without being detected.
 - Disables notifications, telemetry, alerts, and/or other data.
- Report from a security vendor is available here:
 - [Silent Threat: Red Team Tool EDRSilencer Disrupting Endpoint Security Solutions | Trend Micro \(US\)](#) (Not an endorsement)





For more information:

Chris Maiers
Christopher.Maiers@cisa.dhs.gov
202-701-3235

Chris Maiers | 22
November 14, 2024

34A Update

None.

Baseline Knowledge for 911 Communications

None.

Legislative Issues

None.

Information Sharing

Chair Rotter mentioned that with Iowa weather he wanted to remind everyone that if they do have to do something different with an upcoming meeting, they try to decide 24 hours in advance. If it continues with bad weather, is cancelled, or continues remotely, they will let people know in advance. Sometimes in the middle of a blizzard it is hard to reach a quorum even remotely, so they will address each meeting on an individual basis.

New Business

None.

Old Business

None.

Travel Requests

None.

Business from the Floor or Virtually / 911 Issues at the PSAPs

None.

Next meeting date will be December 12th, 2024, at 9:30 AM at the Dallas County Human Services Campus 25747 N Ave., Adel.

Chair Rob Rotter asked for a motion to adjourn the meeting. Motion made by Cara Sorrells. Seconded by Rob Dehnert.

Meeting adjourned at 10:07 AM.

Cara Sorrells, Secretary