



Integrated Public Safety Commission
Indiana Government Center North
100 North Senate Avenue, Room N825
Indianapolis, Indiana 46204 2203

Meeting Minutes Integrated Public Safety Commission (IPSC)

Tuesday, June 19, 2018

1) Welcome

- a) Chairman Douglas G. Carter, Indiana State Police Superintendent, called the Integrated Public Safety Commission meeting to order at 1:30 p.m., Tuesday, June 19, 2018. Commissioners present were: Tim Smith, Chief, Vincennes Twp. Fire Dept.; Senator Michael R. Crider; Jason Carroll, Director of Public Safety - Ivy Tech Community College; Christopher Nodine, Asst. Fire Chief-Paramedic, Pendleton Fire and Ambulance; Michael Diekhoff, Chief, Bloomington P.D.; State Representative Randy Frye and Michael Grzegorek, St. Joseph County Sheriff. Chairman Carter welcomed all in attendance, and with a quorum attained, immediately turned to the agenda items.

2) Adopt Minutes from Tuesday, March 20, 2018

- a) Chairman Carter called for a motion to adopt the minutes of the March 20, 2018 meeting; so moved by Commissioner Crider, seconded by Commissioner Carroll; unanimous adoption.

3) Executive Director's Report

- a) IPSC Exec. Director Dave Vice provided the Commission with an Executive Director's report – Mr. Vice continues to work with the Governor's office to fill the County Commissioner vacancy.
- b) P25 Upgrade & Migration:
 - i. P25 Radio Equipment QPA Status – continue to work with the IN Dept. of Administration (IDOA) on a P25 equipment QPA. Mr. Vice is hoping this QPA will be available by mid-July.
 - ii. Infrastructure software upgrades are currently being performed. These upgrades will be done every two years.
- c) Active Radio Projects –
 - i. Dept. of Corrections (DOC) – 7 DOC sites now on the statewide system
 - ii. Decatur County – additional site complete and now on air
 - iii. City of Elkhart – the State is adding 1 channel with the City adding 2 channels. This site was the busiest site in the entire state.
 - iv. Mishawaka/St. Joseph County – sites added in St. Joseph County
 - v. Porter County – a 5-site simulcast will be up in July

- vi. Floyd County – determining tower heights and locations
- vii. Elkhart County – 1 simulcast request
- viii. Henry, Randolph & Monroe Counties – possibly adding 2 sites each
- ix . Eight counties seeking funding to expand 1 site within 6 to 8 months; four other counties have expressed interest as well.
- d) BMV Revenue – thru the last 11 months we are at \$13.8 million which is \$1.4 million above where we were last year.

4) Logistics Report

- a) Mr. Vice presented a microwave system update on behalf of Doug Cochrane, IPSC Logistics Director.
 - i. In the last few weeks, IPSC has been working with Nokia to do the microwave path and network studies to insure the performance of the connectivity to the system.
 - ii. With the new number of site additions, radios have also had to be programmed to 700 MHz. All 6 sites in Porter County will be 700 MHz as well as the 2 new sites in Floyd County, the site in Decatur County and half of the Laporte County sites. The Elkhart site will be simulcast as well.
 - iii. Purchased a Genesis program from Motorola to monitor the performance of the P25 system.
- b) Grephen Latif, Sr. Communications Analyst with the IPSC Network Operations Center (NOC) presented a 2nd Quarter logistics report.
 - 1) IPSC System Growth – Progress Report:
 - i. Total number of P25 I.D.s issued to all 92 counties YTD = 62,887
 - ii. Total number of P25 I.D.s issued to state & federal agencies YTD = 16,652
 - iii. Grand Total – P25 I.D.s assigned and issued YTD = 79,539
 - iv. A yearly stats comparison shows that the grand total of P25 I.D.s issued from June 2017 to June 2018 increased by 11,150.
 - v. The total number of P25 I.D.s allocated is 128,000, so the system is currently operating at 62% of total capacity. Chairman Carter asked if the I.D. increase was the users, hardware or a combination of the two coming onto the system? Mr. Latif explained that agencies that buy new radios move the old ones to other departments. Commissioner Smith asked if that means that new radios aren't replacing old radios in which Mr. Latif explained that when new I.D.s are assigned, users are supposed to blank old radios and remove the original I.D.
 - vi. 3,137 IPSC I.D. changes have been processed so far this month with a total projection of 6,500 by the end of the year.
 - 2) IPSC P25 System Wide Stats - YTD:
 - i. Devices configured – from July 2017 to May 2018 79,851 IPSC I.D.s were assigned with 42,928 total devices used. The ratio between devices configured and devices used mean value = 53.76% of the radios are in use in any given month.

- ii. Group Calls/Group Busies – from July 2017 to May 2018 there were approximately 13,000,000 group calls per month with a monthly average of 12,000 busies. The group call to group busy ratio is about every 1,050 calls to 1 busy group call.
- iii. Control Channel Availability – average is 99.62% reliability. On May 31st, thunderstorms moved thru the state causing thousands of power outages. 11 generators were running at one time with only one radio tower site experiencing site trunking due to Telco issues. This reflects the reliability of the P25 radio system.
- iv. Mr. Vice compared Verizon's generator testing with our State's testing. During one of the hurricanes, Verizon's tower sites had a total outage in which their generators automatically came on, but Verizon had only tested to see if their generators would come on. Our state tests weekly with the system down to see if the transfer switch actually operates, so we had no issues with those generators powering on during those storms and had approximately two weeks of fuel to run the generators.

5) Operations Report

- a) John Asher, IPSC Field Operations Director presented the Operations report.
- b) The technicians who were out on medical leave are now back to work. Leon Rauscher retired at the end of May after 46 years of service to the State of Indiana. IPSC continues to be short staffed of radio techs with 4 positions currently open. Salary has been a factor in recruiting qualified candidates. Chairman Carter inquired about the hiring process in which Mr. Vice explained has been very slow. Mr. Asher compared our State's beginning salary with other states' radio technician's salaries and ours is considerably lower.
- c) Working on the 700 MHz sites; techs have been working with ISP & INDOT programming radios in the Lowell, Elkhart and South Bend districts. They've been traveling extensively the last few weeks averaging around 3,000 miles on their vehicles a month. They are working in Rensselaer this week. Mr. Asher expressed his appreciation for the techs' hard work and dedication.
- d) Chairman Carter asked what training is involved for new techs in which Mr. Asher explained that it depends on the person and their experience. New techs with no experience can take from 8 months to a year. Those who have more experience may only take a few months to train. Mr. Vice added that the techs are also being cross trained on the microwave system as well as the P25 radio system's infrastructure. Mr. Asher expressed that we are at the point of a critical shortage of techs with the increased number of radio tower sites. Commissioner Grzegorek asked Mr. Asher if St. Joseph County has reached out regarding a problem with channel 1 talkgroup. Mr. Asher has not spoken with anyone but knows that Motorola has been working on the issue.

- e) Dealing with HVAC issues at various sites this summer, as well as a few antenna lightning strikes, but all radio tower sites are functioning properly.

6) CAD/RMS System Implementation Report

- a) Kelly Dignin, CAD Administrator with the MADDEN Center presented a CAD/RMS system overview.
- b) Mobile Server Upgrade -
 - i. The last 4 servers have been decommissioned saving the State approximately \$3,000 a month.
 - ii. GIS Mapping – has taken about 2 years but mapping data has been upgraded. Formatted an estimated 1.6 million mile markers which took approximately 15.3 million roadway segments/excel sheet lines. This upgrade affected only ISP. Their servers have been updated increasing ISP's validation rate from 55% up to 90%. Now in the process of reviewing the visual maps. Commissioner Grzegorek asked if every county road was mapped or just state roads. Ms. Dignin explained that every road is mapped including address points, every water way and every state park. Ms. Dignin discussed GIS issues in St. Joseph County and how mapping data would assist. Chairman Carter praised Ms. Dignin's team for these mapping data upgrades.
 - iii. Megan Compton accepted the GIS State Coordinator position and has left IPSC, so Ms. Dignin's team has been interviewing candidates for a new GIS Administrator.
 - iv. Future upgrades include planning of CAD 10.6.3, Mobile 10.11, Pocket Cop and ICE 8.8. Dates are TBD.
- c) Customer Service Improvements –
 - i. Caliber – resolution rate is at 93.55%; response time is an estimated 59.48 minutes. Contract terms require a response time a minimum of 4 hours, but Ms. Dignin's team expects a quicker response time.
 - ii. IPSC – Isaac Sprague, Data Tech with the Madden team, completed the requirements and is now an ILEA certified instructor. The Madden team is focusing on more training as well as site visits.
 - iii. Deployable CAD - Jon Allen, CAD Data Technician with the Madden team is currently working with the IPSC Controller on cost, the vendor on configurations and FirstNet to arrange connection.
 - iv. *Save The Date* – Ms. Dignin invited the Commissioners to the Calibur Public Safety National User Group on July 25 & 26 at the Ivy Tech Community College in Lawrence on 59th Street. Special thanks to Commissioner Carroll for his partnership with the Madden team to host this event.
- d) The MADDEN Center can be contacted 24/7 at 317-234-9686 or maddencenter2@ipsc.in.gov.

7) Planning & Training

- a) Mr. Vice presented the Planning & Training update on behalf of Sally Fay, SWIC and her team who are attending a Communications Unit workshop today in Brownsburg. Mr. Vice announced that he, Ms. Fay, IN 911 Director Ed Reuter and the State CIO Dewand Neely will be attending a Interoperability conference in Philadelphia at the end of July hosted by the National Governor's Association.
- b) Training Update (2nd quarter) -
 - i. Ms. Fay's team held their first "state sponsored" Communications Unit Leader Exercise (COMLEX) at the Indianapolis International Airport in May. Eight COML candidates went through the rigorous exercise with several completing their taskbooks and others completing all but a few tasks.
 - ii. Pursuit Training – held 6 classes with 39 students
 - iii. System/Interoperability Training – 24 sessions were held in 15 counties. An additional training session was held in April at the APCO/NENA statewide conference.
- c) Outreach program statistics (2nd quarter) -
 - i. Agency meetings – more than 120 meetings were held with the state, district and local agencies.
 - ii. IPSC "Road Trip" – since March, IPSC has held 3 Road Trip sessions in District 8, District 7 and District 1.
- d) Planning (2nd quarter) –
 - i. Assisted three counties with Site Trunking plans
 - ii. Participated as the Communications SME during IDHS State Level Exercise planning meetings.
 - iii. Mike Watkins, IPSC Training Coordinator and Tyler Clements, IPSC Outreach Coordinator successfully completed Instructor Development training at ILEA.
- e) Response & Recovery (2nd quarter) -
 - i. State Qualification Review Committee (SQRC) – attended meeting and recommended/approved four new COMLs.
 - ii. Communications assistance – contact local stakeholders (LE, EMA, PSAPs) when an unplanned event or emergency occurs to offer communications support. This resulted in assistance to or standby requests from six counties. Assistance includes help with 205 (communications plan) form, cache radios and other support.
 - iii. Thunder Over Louisville/Indy 500 communications planning
 - iv. Emergency Support Function 2 (ESF2 – Communications) in-service, State EOC
- f) Additional Highlights –
 - i. Hackathon held April 20th – IPSC coordinated 100 mentors and 40+ resources (communication vehicles, firetrucks, ambulances, canine unit, helicopter, etc.) to inspire young developers at the FirstNet-focused IoT Civic Hack. This was the second Hackathon in the U.S., first and only one to bring in public safety.

- ii. Datacasting – exercise scheduled for October with the Adams County School Corp. Working with FEMA and the local PBS stations.
- iii. Communications Unit Workshop – June 19th
- iv. Statewide Communications Interoperability Plan (SCIP) workshop – scheduled for August 21st. The original SCIP plan was written in 2007 and updated in 2014.

8) Statewide Interoperable Communications Executive Committee (SIEC)

- a) On behalf of Sally Fay Mr. Vice presented a FirstNet briefing report.
 - 1)FirstNet Network Status -
 - i. FirstNet dedicated and redundant core launched on schedule in March.
 - ii. Dedicated FirstNet security network operations center online and operating
 - iii. Dedicated FirstNet customer support centers and personnel
 - iv. 20 devices designed for Public Safety tested by FirstNet Authority available.
 - v. Dedicated disaster recovery capabilities and resources already being used.
- 2)FirstNet in Indiana -
 - i. The state contract was amended on May 31, 2018 and now includes device pricing including smartphones, tablets, mifis and routers.
 - ii. Indiana is reported to have the lowest-cost service plans in the nation
 - iii. Currently several thousand subscribers on FirstNet in Indiana
 - iv. Noblesville became the first Indiana city/agency to sign up for FirstNet on February 1, 2018. All police, fire and EMS personnel utilize the FirstNet network.
- 3)SLIGP 2.0 -
 - i. Finalized SLIGP 2.0 funding on February 27, 2018 with a grant total of \$700,000. The grant period is March 2018 thru February 2020.
 - ii. Activities include:
 - a. Grant implementation & ongoing coordination with NTIA & Overall PMO
 - b. Existing Governance Body Support
 - c. Data Collection
 - d. Data Sharing Policy development
 - e. Planning & Emergency Communications Technology transitions
 - f. Supporting a culture of technology innovation
 - g. Stakeholder Outreach events
- 4)FirstNet-Focused Hackathon –
 - i. AT&T IoTCivicHack April 20-21, 2018, Indiana IoT Lab & Launch in Fishers – attended by 700 developers, technology leaders and first responders. Equipment “rodeo” with 40 vehicles and more than 100 public safety “mentors” on hand to inspire developers.

9) Other Discussion

- a) 2018 Meeting dates:
 - September 18th
 - December 18th

These meetings will be held at the Indiana State Police Museum located at 8660 E. 21st Street, Indianapolis 46219. Please contact Julie Sheppard for additional information – jsheppard@ipsc.in.gov.

- b) Mr. Vice announced his plan to retire at the end of this year.
- b) Hearing no other business, Chairman Carter adjourned the meeting of IPSC at 2:42 p.m.