

On the fireground, analog still reigns -- Urgent Communications article

antenna theory and recent advances New jamming rules may be needed

Old_Radio_Guy I think most people just don't 'get' the FCC's thinking these days. You have to bear in mind that the FCC's Chief Technologist is Jon Peha. Mr. Peha believe

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Old_Radio_Guy "That thud you just heard was the sound

of elected officials, public-safety communications directors and frequency coordinators hitting the floor after feinting in

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incredulity over the notion that ...

discussion by DISQUS **boblowell** Don, I remember picking up Fred at Orlando

what works for us in many different scenarios."

"So, an analog network and simplex channels are very important to have," Nida said.

Also important is having a plan for transitioning to simplex communications when firefighters lose contact with the radio network.

"You have to switch to a pre-determined channel that's off the network before you enter an area — whether it's wildland or a building — where such situational issues exist," Nida said. "It's a simple solution."

To illustrate his point, Nida told the story of a 24-year-old firefighter who was killed after falling into a basement while searching for victims of a residential fire.

"Sometimes a firefighter is so deep inside a building that he's not hitting the repeater. When a firefighter is on the first floor, and he's suddenly out of network, [we wonder], 'Did he fall through the floor?" Nida said. "That's exactly what happened to this firefighter. ... We have no idea whether he tried to get a call out. What we do know is that when he fell into the basement, he went from in network to out of network, so he had no chance of surviving."

The CSFA has identified 18 "watch out" situations—those that have caused a firefighter death and cannot be ignored. Number seven on the list is, "No communications link between crew members and supervisors."

"When we lose radio communications with the command post, that's the time to pull out," Nida said.

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