

**DEL NORTE PUBLIC SAFETY TELECOMMUNICATIONS SURVEY**

Date: \_\_\_\_\_

Organization: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Contact Information – Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Would you like to receive a copy of the results?  YES  NO

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*Please answer all questions from the perspective of your agency, regardless of whether it participates in or owns a shared system.*

**1. Which of the following best describes your organization’s PRIMARY wireless communications system? Check one**

- Independently owned and operated communications system used exclusively by our department
- Part of a communications system that serves several public safety and/or public service organizations in our jurisdiction
- Part of a multi-agency, multi-jurisdictional shared communications system
- Other
- Don't know

**2. Which of the following wireless communications equipment do you use in your DAILY OPERATIONS? Please check ALL that apply**

- |                                                                    |                                                                  |
|--------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Portable (handheld radio)                 | <input type="checkbox"/> Wireless IP-based device                |
| <input type="checkbox"/> Commercial service wireless phone         | <input type="checkbox"/> Citizens band radio                     |
| <input type="checkbox"/> One-way/two-way pagers                    | <input type="checkbox"/> Telephone/FAX line                      |
| <input type="checkbox"/> Amateur radio                             | <input type="checkbox"/> Global positioning service (GPS) device |
| <input type="checkbox"/> Satellite phone                           | <input type="checkbox"/> Mobile laptop computer                  |
| <input type="checkbox"/> Mobile data terminal (MDT)                | <input type="checkbox"/> Fixed wing aircraft/helicopter radio    |
| <input type="checkbox"/> Mobile (vehicle-mounted radio)            | <input type="checkbox"/> Other – please list                     |
| <input type="checkbox"/> Wireless Personal Digital Assistant (PDA) |                                                                  |

**3. Which of the following wireless communications equipment do you use for INTEROPERABILITY? Please check ALL that apply**

- |                                                                    |                                                                  |
|--------------------------------------------------------------------|------------------------------------------------------------------|
| <input type="checkbox"/> Portable (handheld radio)                 | <input type="checkbox"/> Wireless IP-based device                |
| <input type="checkbox"/> Commercial service wireless phone         | <input type="checkbox"/> Citizens band radio                     |
| <input type="checkbox"/> One-way/two-way pagers                    | <input type="checkbox"/> Telephone/FAX line                      |
| <input type="checkbox"/> Amateur radio                             | <input type="checkbox"/> Global positioning service (GPS) device |
| <input type="checkbox"/> Satellite phone                           | <input type="checkbox"/> Mobile laptop computer                  |
| <input type="checkbox"/> Mobile data terminal (MDT)                | <input type="checkbox"/> Fixed wing aircraft/helicopter radio    |
| <input type="checkbox"/> Mobile (vehicle-mounted radio)            | <input type="checkbox"/> Other – please list                     |
| <input type="checkbox"/> Wireless Personal Digital Assistant (PDA) |                                                                  |

**4. Which of the following wireless solutions do you currently use to support INTEROPERABILITY? Please check ALL that apply**

- |                                                      |                                                                                               |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Radio exchange              | <input type="checkbox"/> Deployable gateway switch                                            |
| <input type="checkbox"/> Radio reprogramming         | <input type="checkbox"/> Channel/console patch                                                |
| <input type="checkbox"/> Fixed gateway switch        | <input type="checkbox"/> Deployable site infrastructure (e.g., Cell on Wheels)                |
| <input type="checkbox"/> Mobile command center       | <input type="checkbox"/> Shared system (conventional or trunked)                              |
| <input type="checkbox"/> Shared channels/talk groups | <input type="checkbox"/> National Public Safety Planning Advisory Committee (NPSPAC) channels |
| <input type="checkbox"/> IP-based system             | <input type="checkbox"/> Other agreed upon emergency channels                                 |
| <input type="checkbox"/> Radio cache                 |                                                                                               |

**5. Does your organization currently have sufficient spectrum for the following DAILY OPERATIONS needs?**

|                                                  | YES | NO  | DON'T KNOW | NOT APPLICABLE |
|--------------------------------------------------|-----|-----|------------|----------------|
| Voice                                            | ___ | ___ | ___        | ___            |
| Text Message                                     | ___ | ___ | ___        | ___            |
| Broadband (e.g., photos, video, database access) | ___ | ___ | ___        | ___            |
| Mutual-aid channels                              | ___ | ___ | ___        | ___            |

**6. Does your organization currently have sufficient spectrum for the following INTEROPERABILITY needs?**

|                                                  | YES | NO  | DON'T KNOW | NOT APPLICABLE |
|--------------------------------------------------|-----|-----|------------|----------------|
| Voice                                            | ___ | ___ | ___        | ___            |
| Text Message                                     | ___ | ___ | ___        | ___            |
| Broadband (e.g., photos, video, database access) | ___ | ___ | ___        | ___            |
| Mutual-aid channels                              | ___ | ___ | ___        | ___            |

**7. Does your organization have sufficient spectrum for your foreseeable DAILY OPERATIONS needs (i.e., next five years)?**

|                                                  | YES | NO  | DON'T KNOW | NOT APPLICABLE |
|--------------------------------------------------|-----|-----|------------|----------------|
| Voice                                            | ___ | ___ | ___        | ___            |
| Text Message                                     | ___ | ___ | ___        | ___            |
| Broadband (e.g., photos, video, database access) | ___ | ___ | ___        | ___            |
| Mutual-aid channels                              | ___ | ___ | ___        | ___            |

**8. Does your organization have sufficient spectrum for your foreseeable INTEROPERABILITY needs (i.e., next five years)?**

|                                                  | YES | NO  | DON'T KNOW | NOT APPLICABLE |
|--------------------------------------------------|-----|-----|------------|----------------|
| Voice                                            | ___ | ___ | ___        | ___            |
| Text Message                                     | ___ | ___ | ___        | ___            |
| Broadband (e.g., photos, video, database access) | ___ | ___ | ___        | ___            |
| Mutual-aid channels                              | ___ | ___ | ___        | ___            |

**9. Does your organization currently use or plan to use spectrum between 764 MHz and 776 MHz that is cleared for public safety use?**

Yes  No  Don't Know

**10. Which best describes your organization's use of spectrum between 764 - 776 MHz?**

- My organization has not yet determined the applicability for the 700 MHz spectrum.
- My organization does not have a need or desire to use the 700 MHz spectrum.
- My organization is developing plans to determine how these additional 700 MHz frequencies would best be used.
- My organization is implementing plans to use the 700 MHz spectrum, including undertaking expenditures for this purpose.
- My organization has completed all foreseeable capital expenditures necessary to use the 700 MHz spectrum.

**11. What radio frequencies does your PRIMARY system or network use? Please check ALL that apply**

- Low band VHF (25–50 MHz)
- High band VHF (150–174 MHz)
- Federal band UHF (406–420 MHz)
- Low band UHF (450–470 MHz)
- Low band UHF TV sharing (470–512 MHz)
- 800 MHz (806–869 MHz)
- Other frequency bands
- Does not apply

**12. What best describes the network architecture of your PRIMARY wireless communications system?**

Conventional (not trunked)  Trunked  Don't know

**13. What best describes the frequency modulation of your PRIMARY wireless communications system?**

Analog  Digital  Dual-mode  Other  Don't know

**14. How old is your PRIMARY wireless communications system?**

1 Year  2-5 Years  6-10 Years  More than 10 Years  Don't know

**15. Does your agency have plans to replace or substantially upgrade its PRIMARY wireless communications system within the next ten years?**

Yes  No  Don't know

**16. When will your organization replace or substantially upgrade its PRIMARY wireless communications system?**

Within 1 Year  Within 2-5 Years  Within 6-10 Years  More than 10 Years  Don't know

**17. For Public Safety Radio Pool licensees operating private land mobile radio (PLMR) services in the same bands, the FCC established a January 1, 2013 deadline for migration to 12.5 kHz technology, or a technology that achieves the narrowband equivalent of one channel per 12.5 kHz of channel bandwidth (voice) or 4800 bits per second per 6.25 kHz (data) if the bandwidth for transmissions specified in the modification application is greater than 12.5 kHz. What best describes your timeframe for meeting this deadline?**

Have yet to start     Within 1 Year     Within 2-5 Years     Don't know

**18. Would your organization be interested in exploring shared infrastructure options (e.g., towers, fiber or other connectivity modalities, etc.)?**

Yes     No     Don't know

**19. Interoperability - Planning**

*Reading left to right, the first four responses are progressive. For example, to select the fourth response, an agency must have met or surpassed all of the attributes in the first three responses. For each row select the one response that best describes the technology solutions used for interoperability...*

|                                               | There is no consistent approach to solutions; first responders must improvise an interoperability solution at the scene | Planned interoperability solutions require human intervention by someone other than first responders (e.g., must get patch through dispatcher) | Interoperability solutions are available to all first responders as authorized, without any intervention | Advanced interoperability solutions, technologies, and processes are piloted and tested | Don't know               | Other                    |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------|--------------------------|
| <b>...with other disciplines?</b>             | <input type="checkbox"/>                                                                                                | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/>                                                                                 | <input type="checkbox"/>                                                                | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>...with other jurisdictions?</b>           | <input type="checkbox"/>                                                                                                | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/>                                                                                 | <input type="checkbox"/>                                                                | <input type="checkbox"/> | <input type="checkbox"/> |
| <b>...between state and local government?</b> | <input type="checkbox"/>                                                                                                | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/>                                                                                 | <input type="checkbox"/>                                                                | <input type="checkbox"/> | <input type="checkbox"/> |

- **With Other Disciplines:** Membership with another first responder organization of a different discipline within the same jurisdiction
- **With Other Jurisdictions:** Membership with other organizations of the same discipline outside the jurisdiction, but at the same level of government
- **Between State and Local Government:** Membership with other organizations of the same discipline at a different level of government

**20. Communications with Federal Agencies - Please check all Federal Government responders with which your first responders interoperate:**

\_\_\_ **Department of Agriculture**  
(e.g., Forest Service)

\_\_\_ **Department of Energy**

\_\_\_ **Department of the Interior**  
(e.g., Bureau of Land Management, National Park Service)

\_\_\_ **Other Federal Agencies – please list**

\_\_\_ **Department of Defense**

\_\_\_ **Department of Homeland Security** (e.g., Bureau of Customs and Border Protection, Bureau of Immigration and Customs Enforcement, U.S. Coast Guard, Federal Emergency Management Agency, Federal Protective Service, U.S. Secret Service)

\_\_\_ **Department of Justice** (e.g., Bureau of Alcohol, Tobacco, Firearms, and Explosives; Drug Enforcement Administration; Federal Bureau of Investigation; U.S. Marshals Service)

**21. Please provide any comments you may have on the use of telecommunications in your organization or in relationships with other organizations (i.e., technologies, agreements and governance, etc.).**

Return completed surveys to:  
John Irwin  
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(541) 664-2456

**Please use the other side of this page for any additional comments.**

**Comments (continued)**

**Thank you for your participation!**