



FirstNet® Authority

FirstNet: Our Nation's Public Safety Network

NAPCO General Meeting – Roseville, CA

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February 11, 2026





COVERAGE INVESTMENTS

10-year, \$8 billion
investment initiative by the
FirstNet Authority to evolve
and expand FirstNet.



TTR Focus

Driven by public safety,
focus on tribal, territorial,
and rural geographies



~\$2B

10-year investment
budget for coverage
enhancements



1,000

Band 14 new site builds
in 2024 and 2025



5G + LEO

Deployable upgrades
with Low Earth Orbit
retrofit



5G Band 14

Band 14 site upgrades
nationwide



5G Priority

First Priority
access on 5G



Satellite to Device

Target 5G core upgrades
to enable satellite-to-
device service



In-building

Enhanced coverage where
responders operate



Deployable Capacity

Alternate form factors for
FirstNet deployables

- Enhance coverage where first responders need it, including in tribal, territorial, and rural areas in all 56 states and territories.
- AT&T reported out regarding their current progress about the continued buildout of FirstNet in the State of California.
- The FirstNet Authority share areas of interest (AOI) across the state that it believes would benefit from enhanced coverage as identified by its qualitative model.
- To augment the objectively defined areas of interest. We invited public safety to submit your specific coverage-related feedback via a geographic survey.

- The survey allows you to draw your own “area of interest” or polygon that would benefit from FirstNet coverage enhancement, describe the use case, and offer your perspective on relative prioritization. Your input will guide future planning and development priorities when assessing areas of interest in California.
- There is no one-size-fits-all polygon for all use cases; however, if your AOI covers too large an area, it will not be of substantive use to the FirstNet Authority. For reference, the FirstNet Authority-defined AOIs are on average 16 square miles or 10,000 acres.
- The survey allows you to draw one AOI at a time. Complete the survey a second time to document a second AOI, etc.

Coverage Enhancement Workshops

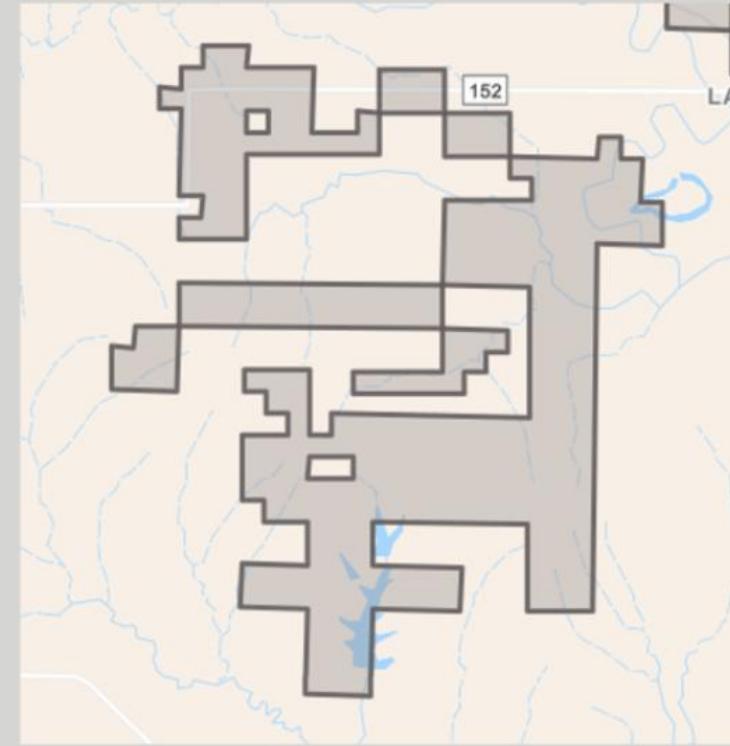


State	California
Link	https://arcg.is/1O40bn2
Open Date	8/20/2025
Current Close Date	+120 days = 12/18/2025
QR Code	<p>Link: California Survey123.png</p> 

Description

- Areas of Interest (AOI) are the output of the FRIM model
- AOIs are polygons that outline a specific area that would benefit from coverage enhancement
- AOIs do not equate to a single cell site -- it could take several sites to adequately address the identified gap
- AOIs are on average 16 square miles in size
- Public safety input is key to confirming the relevance of identified AOIs

Example



- *Macro Coverage*
- *Compact Rapid Deployable (CRD) Use & Effectiveness*
- *Customer Care*
- *FirstNet Central Training*
- *PTT Training and LMR-LTE PTT Interface*
- *Band 14 High Powered User Equipment (HPUE) Training*
- *FirstNet Fire/LE/EMS Training Program Deployment*
- *Mobile Router LMR-LTE-Satellite Training*
- *Close Outstanding Issues with stakeholders*
- *Create Sub-Groups to expand discussions and collaboration of the above topics*

- In October 2025, AT&T FirstNet announced plans to launch FirstNet Fusion, which is a 3GPP-standards-based mission-critical platform. Fusion will provide mission-critical push-to-talk, 911 and situational-awareness solutions, The service will replace current FirstNet PTT when it becomes widely available, which is planned for spring in 2026.
- Fusion is a major upgrade for MCPTT on FirstNet and aims to deliver more innovation, choice, and interoperability for public safety communications.
- The FirstNet Authority team was involved in Fusion beta testing; we will continue to work with AT&T and the public safety community to ensure that Fusion meets their security, reliability, and performance needs.

National Broadband Interoperability Talk Groups





Standard Talkgroup Nomenclature Framework for Public Safety Broadband

National Interoperability Talkgroups

The table below provides guidelines for mutual aid channels across this country but is intended as an example only. As agencies deploy these resources, they can determine within their own region, states, territories, or tribes how expansive the channel nomenclature will become.

Table 2: National Interoperability Talkgroups

Common Name	Eligible Users	Notes
US-CALL-(100-149)	National Calling	
US-CALL-(100-149)-X		
US-AG-(200-249)	National Air - Ground	
US-AG-(200-249)-X		
US-CNVY-(300-349)	National Convoy	Convoy
US-CNVY-(300-349)-X		

- In April 2025, AT&T announced that the FCC granted permission to AST Space Mobile to test direct-to-cellular satellite connectively on Band 14 spectrum in coordination with the FirstNet Authority and AT&T. Trials for select public safety agencies operating on FirstNet are set to begin in late 2025.
- The FirstNet Authority is evolving the network for satellite-to-device services, which would enable FirstNet subscribers to use their unmodified mobile broadband devices to connect using a low earth orbit (LEO) satellite connection rather than traditional cell site infrastructure.

- AT&T entered into an agreement with AST Space Mobile to provide satellite-to-device services for FirstNet.
- In July 2025, the FirstNet Authority and AST Space Mobile submitted the requisite regulatory filings at the FCC to enable the service to be operational when approved by the FCC.
- In April 2025, the FCC granted permission to AST Space Mobile to test direct-to cellular satellite connectivity on Band 14 spectrum in coordination with the FirstNet Authority and AT&T.
- AT&T conducted its first trial with select public safety agencies operating on FirstNet in December 2025. Participating agencies included the Texas Department of Public Safety, Boulder County Sheriff's Office, and U. S. Customs and Border Protection.

- During the December 2025 testing, FirstNet subscribers successfully tested satellite connectivity on FirstNet in west Texas via AST Space Mobile's Blue Bird satellites that were in orbit.
- Users tested voice and data capabilities, as well as satellite support for FirstNet Fusion.
- Following the test, in December 2025, AST Space Mobile launched Blue Bird 6- the “largest commercial communications array ever deployed in low Earth orbit.”
- AT&T stated it plans to offer select customers FirstNet beta satellite service by July 2026 with the commercial launch to follow.

FY2024 Public Safety Engagement Accomplishments



1.4K+ Public Safety Engagements

58% included LE
52% included Fire
48% included EM

44% included EMS
41% included 911/PSAP
15% included National Security

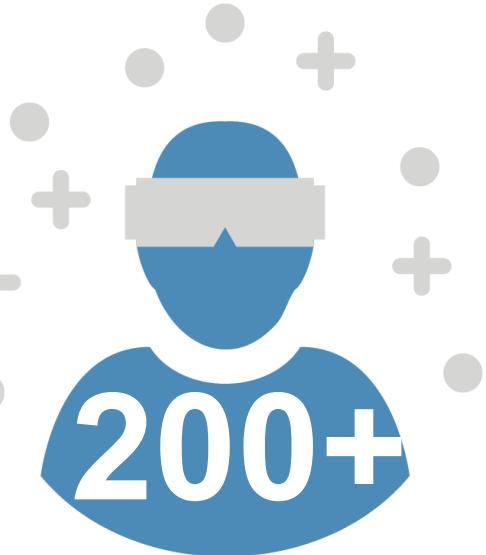
1.3K+ Feedback Items

190+ National Events



53K+ Stakeholders Reached

Visitors to and 46 tours of the FirstNet Lab and PSITC



114 National Events



443 Feedback Items



556 Public Safety Engagements

120

Visitors to and 17 tours of
the FirstNet Lab and PSITC

21,000+ Stakeholders Reached

Thank You

