

Office of the SWIC Newsletter



Message from John T. Stevens, Statewide Interoperability Coordinator (SWIC) & Single Point of Contact (SPOC) for FirstNet in NH



March 30th, 2023 was the date that FirstNet through its cellular provider AT&T completed the first five years of a twenty-five year contractual commitment to enhance public safety next generation LTE communications. As most of you know, New Hampshire who has long been committed to providing first responders the tools necessary to address public safety needs, opted-in to FirstNet with the expectation that with promises made, promises would be kept. Working in true partnership with both FirstNet and AT&T, New Hampshire has experienced tremendous gains in cellular LTE connectivity. Certainly there is much more work to be done, but the growth of the network and the opportunity for New Hampshire's first responders to be equipped with priority preemption with the advent of Band 14, marks a tremendous gain in uninterrupted cellular service during an emergent situation when other

spectrum becomes saturated.

New Hampshire has experienced significant infrastructure growth with the construction of new tower locations, AT&T's partner organizations and AT&T's commitment in consuming other networks that has increased the capacity to connect statewide. Several hundred sites throughout the state are now equipped with Band 14 with 180 communities statewide having at least one Band 14 tower. From where we were five years ago, to where we are today, the Statewide Interoperability Executive Committee (SIEC) has worked diligently to insure these accomplishments on behalf of the Public Safety community continue to be realized.

We also stand committed in our efforts to negotiate with FirstNet/AT&T, not relying on our success over the past five years, but rather intensely promoting our expectations over the next five years of the remaining twenty years of this contractual arrangement. We obviously have no authority over this contract, but because of our success and New Hampshire being recognized as a leader in this field, we will continue to work closely with both FirstNet and AT&T to investigate and resolve the gaps and shortfalls in coverage that we know still exist.

First Responders however, must at times, conduct their efforts in critical situations where we know these gaps in coverage exist. AT&T has many times offered their SatCOLT in support of public safety to provide FirstNet Band 14 coverage, however, now added to the State's arsenal are two Compact Rapid Deployables (CRD). These two deployables were negotiated at the onset of New Hampshire's agreement to opt-in to FirstNet and now approved by Governor & Council as property of the State of New Hampshire and available according to protocols established for assignment. These two compact deployables are easily transported, are response ready and can be on-site quickly based on the circumstances requiring this type of connectivity. Please familiarize yourself with the document attached to understand their capability.

On behalf of the work performed by the SIEC, throughout all the accomplishments over the past five years, I am proud and honored in my association to represent the State of New Hampshire working in concert with FirstNet/AT&T and look forward to our established partnership navigating the growth of the network through the next five-year installment.

John T. Stevens, SWIC
New Hampshire Department of Safety



CRD™ for FirstNet®

A Compact Rapid Deployable COW for FirstNet and Internet Connectivity When and Where it's Needed.



The CRD™ for FirstNet® is a Customer-Owned AT&T FirstNet deployable cell tower. It generates an area of FirstNet Cellular and Wi-Fi Internet coverage, anywhere, anytime. Your very own Cell-On-Wheels (COW) can be deployed by a single person, within minutes, wherever needed. Never go without Internet and Cell service again!

<u>Features</u>	<u>Benefits</u>	<u>Uses</u>
<ul style="list-style-type: none"> ● FirstNet Range up to 1 Mile ● Wi-Fi Range up to 1000' ● High-Speed Internet ● 60 Hour Generator Run Time ● Weatherproof & Waterproof ● Delivered on a Trailer Hitch ● Cargo carrier, not a trailer 	<ul style="list-style-type: none"> ● Fully Functional FirstNet COW ● Connects you to the Cloud ● Deployable by Single Person ● Goes Right to the Incident ● Many Uses, not just FirstNet ● No Special Training Required – Simple to Use 	<ul style="list-style-type: none"> ● Emergency Response ● Remote Internet Connectivity ● Business Continuity/Recovery ● Restore Internet Service ● Supply Internet to Other Units ● Support VoIP, RoIP, and IoT ● Backup your PSAP or Dispatch

CRD™ for FirstNet® Overview

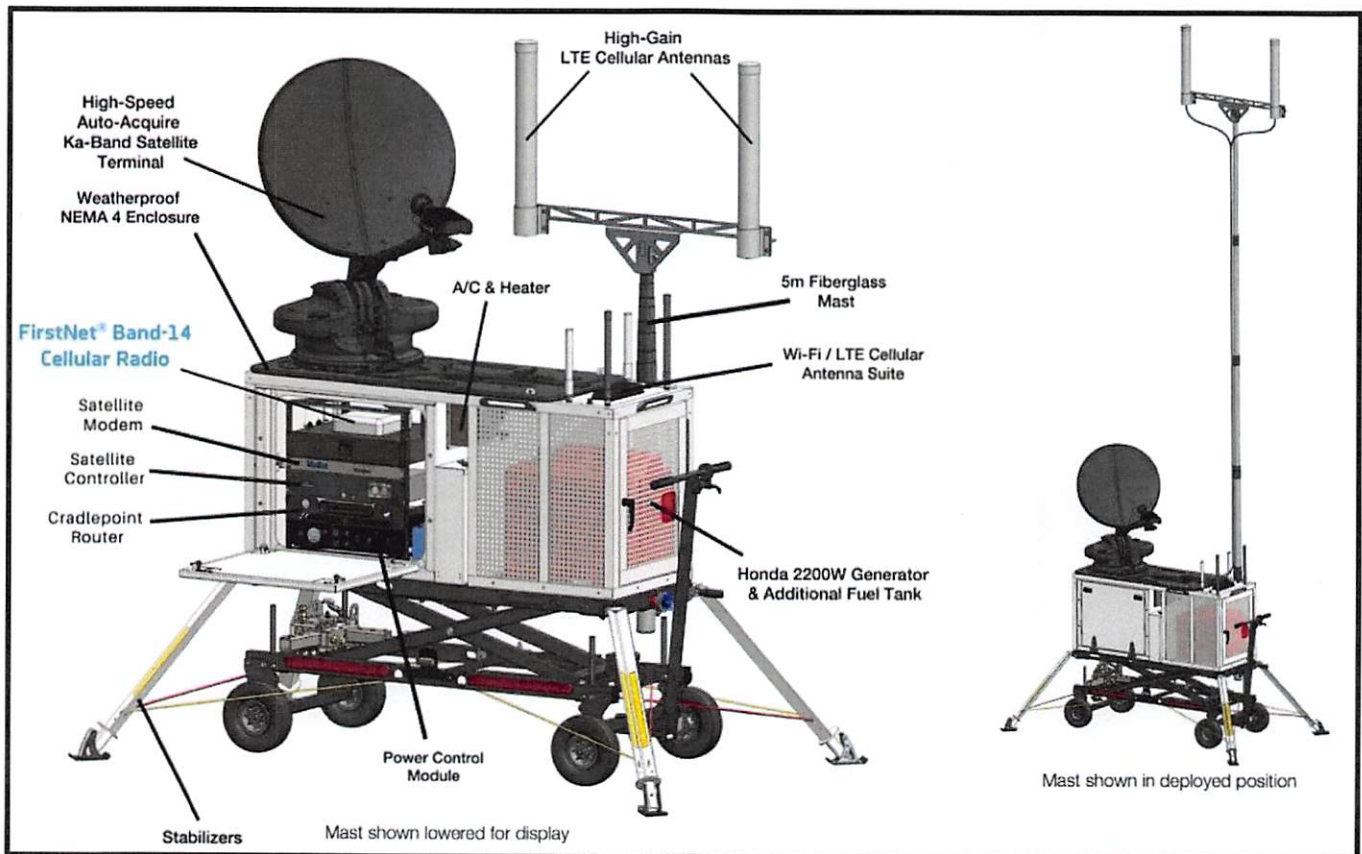
The CRD (Compact Rapid Deployable) provides FirstNet connectivity when and where AT&T cellular coverage is unavailable. This could be due to a network outage, or where AT&T does not provide service. The CRD also provides high speed Internet via Wi-Fi or Ethernet cable. The CRD may be purchased and operated by any Primary or Extended-Primary FirstNet customer. CRDs are easy to store indoors and can be transported by a single person, off the ground, on any standard trailer hitch, with no lifting required to mount or dismount.

Transport



CRDs roll through standard doorways and onto most elevators. They are transported on any standard Class 3 or better trailer hitch with no modification to the carrying vehicle. Simply turn the scissor lift crank handle to raise the CRD, insert the Hitch Adapter into the trailer hitch, lower the CRD pin into the Hitch Adapter until the load transfers to the Hitch Adapter, and continue to crank the handle to pull the wheels off the ground. Stop, turn, tail lights and a license plate holder are built into the CRD to meet all DOT requirements. Once loaded, the CRD may be driven at highway speeds, Code 3, off-road (4WD), and over debris. Simply reverse the loading process to unload the CRD. You may also transport a CRD sling-loaded under a helicopter.

Detailed Diagram



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