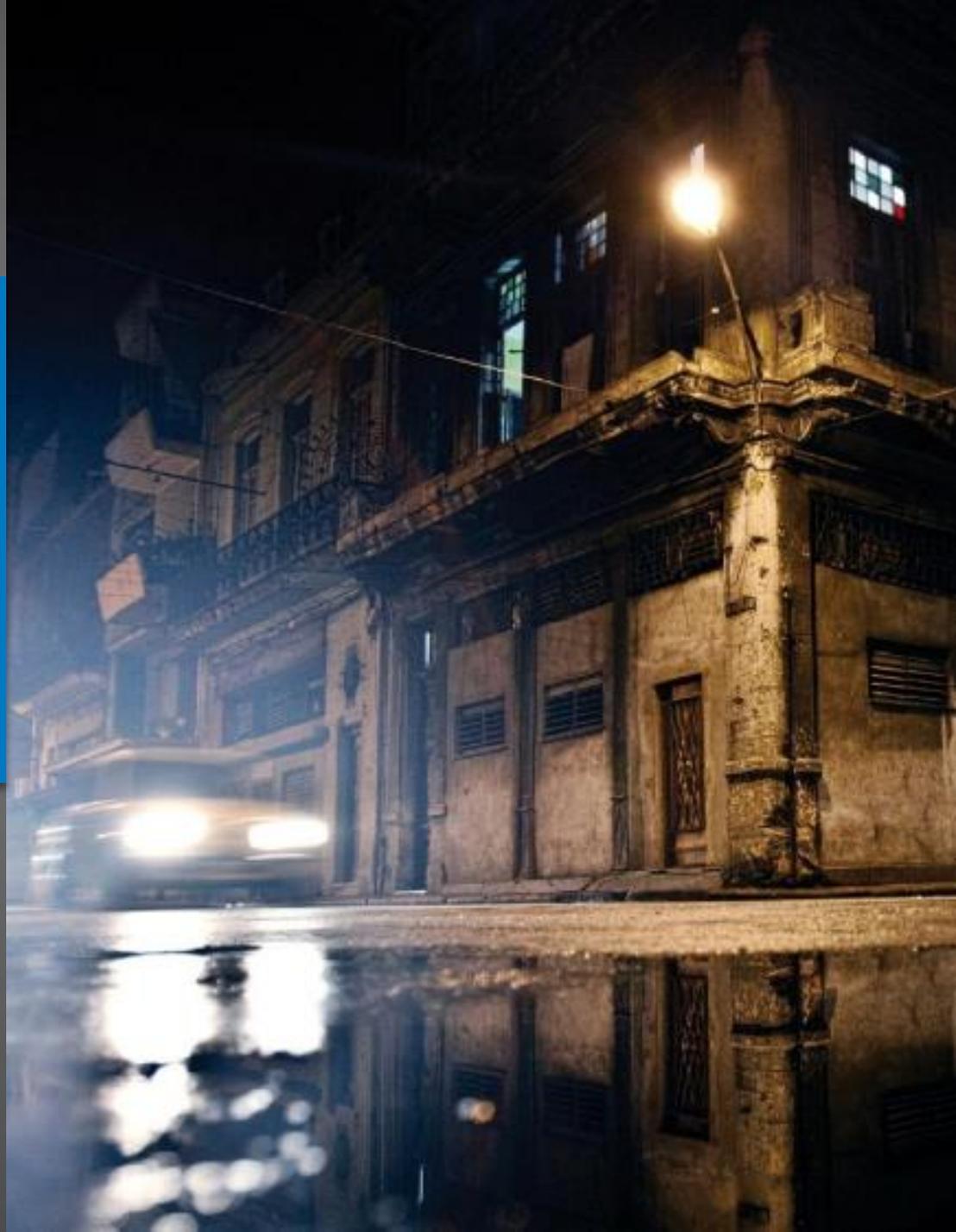


Nationwide Public Safety Broadband Network (NPSBN)

Illinois NPSBN Planning Committee

October 30th, 2012

Nationwide Public Safety Broadband Network



What is NPSBN...

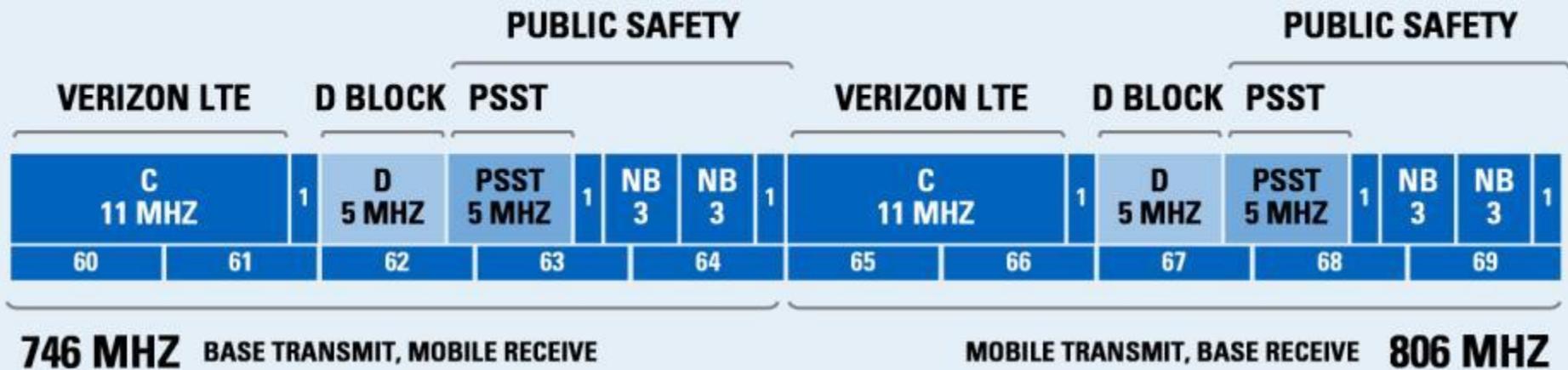
- ◉ What do we know today?
 - Nationwide Broadband Network For Public Safety
 - Operated by the Federal Government
 - In response to the 9/11 Commission Report
- ◉ Funded
 - Planning Money
 - Implementation Money
- ◉ State Level Decision
 - Provide the Federal Government our requirements
 - Opt In / Opt Out
- ◉ Operated by FirstNet

FirstNet Essential Facts

- ◉ FirstNet - First Responder Network Authority
- ◉ Congress created a new Federal authority within NTIA / Department of Commerce to control state and local first responder broadband communications. (H.R. 3630)
- ◉ Empowered to build and operate a nationwide public safety broadband network for state & local public safety agencies.
- ◉ Established a 15-Member Board selected by NTIA and appointed by the Secretary of Commerce.
- ◉ FirstNet is expected to issue RFPs for a national core network.

Public Safety Broadband Spectrum

700 MHz PRIVATE BROADBAND LANDSCAPE



- Middle Class Tax Relief and Job Creation Act of 2012 assigned the D-Block to Public Safety and created FirstNet

What can NPSBN do for us?

- ◉ Data - Text / Email / Messaging / Files
- ◉ Images - Video / Pictures
- ◉ Advanced Uses
 - All Users - Integrated with CAD / Mapping / GPS / Location / Geo-Spatial / Biometrics
 - Law - Citation / Reports / Fingerprint / Data Base
 - Fire - Pre-plans / Database Access
 - EMS - 12 Lead EKG / Images / Database Access
 - EMA - Pre-Plans / Database Access / Sit Rep
- ◉ Voice (proposed)

Public Safety LTE Devices



**HIGH
RESOLUTION
VIDEO CAMERA**

**DEDICATED PTT
VOIP CLIENT**

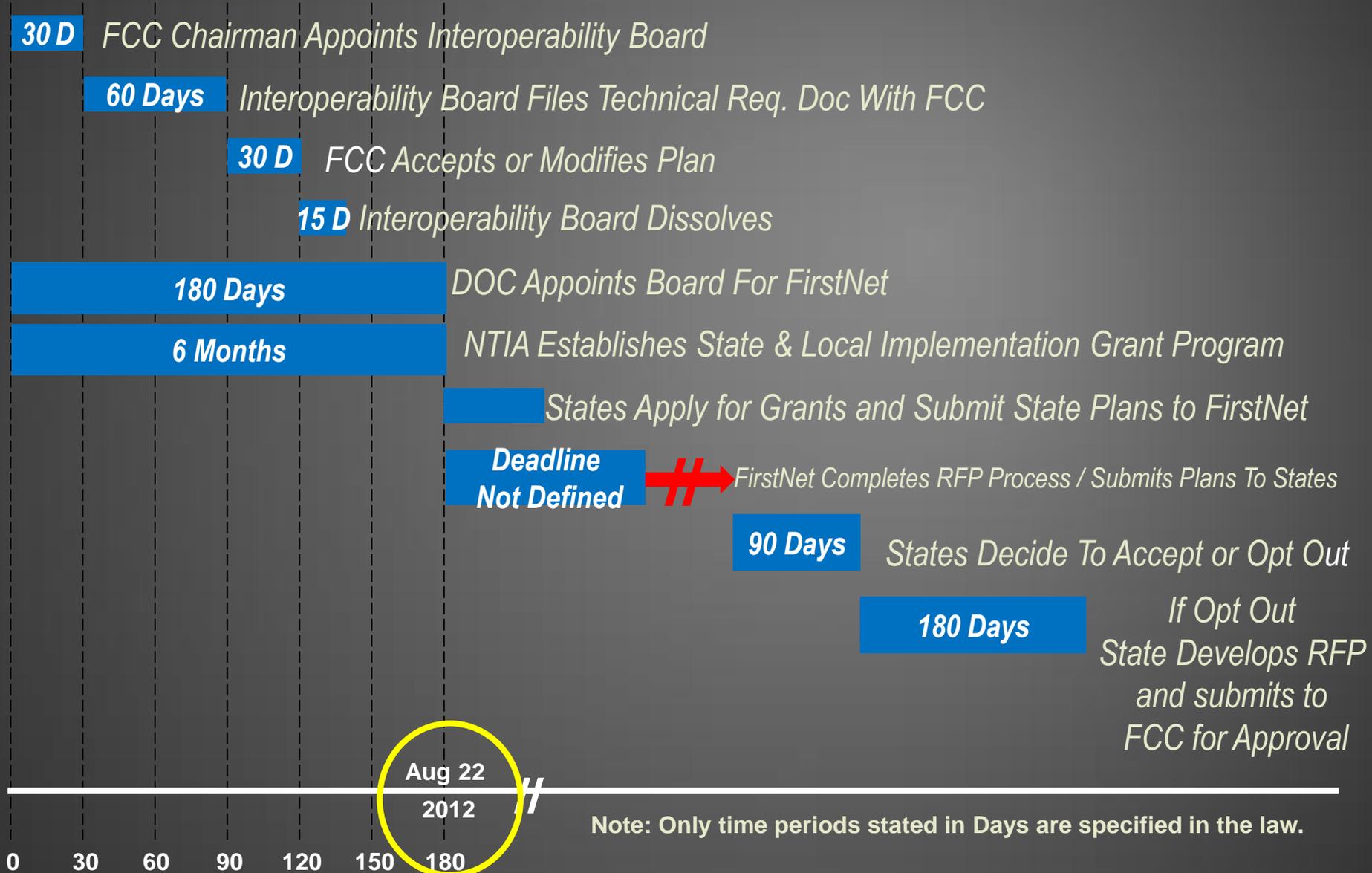
**RUGGED, SEALED
ULTRA-BRIGHT
DISPLAY**

**6 RADIOS in ONE
DEVICE**

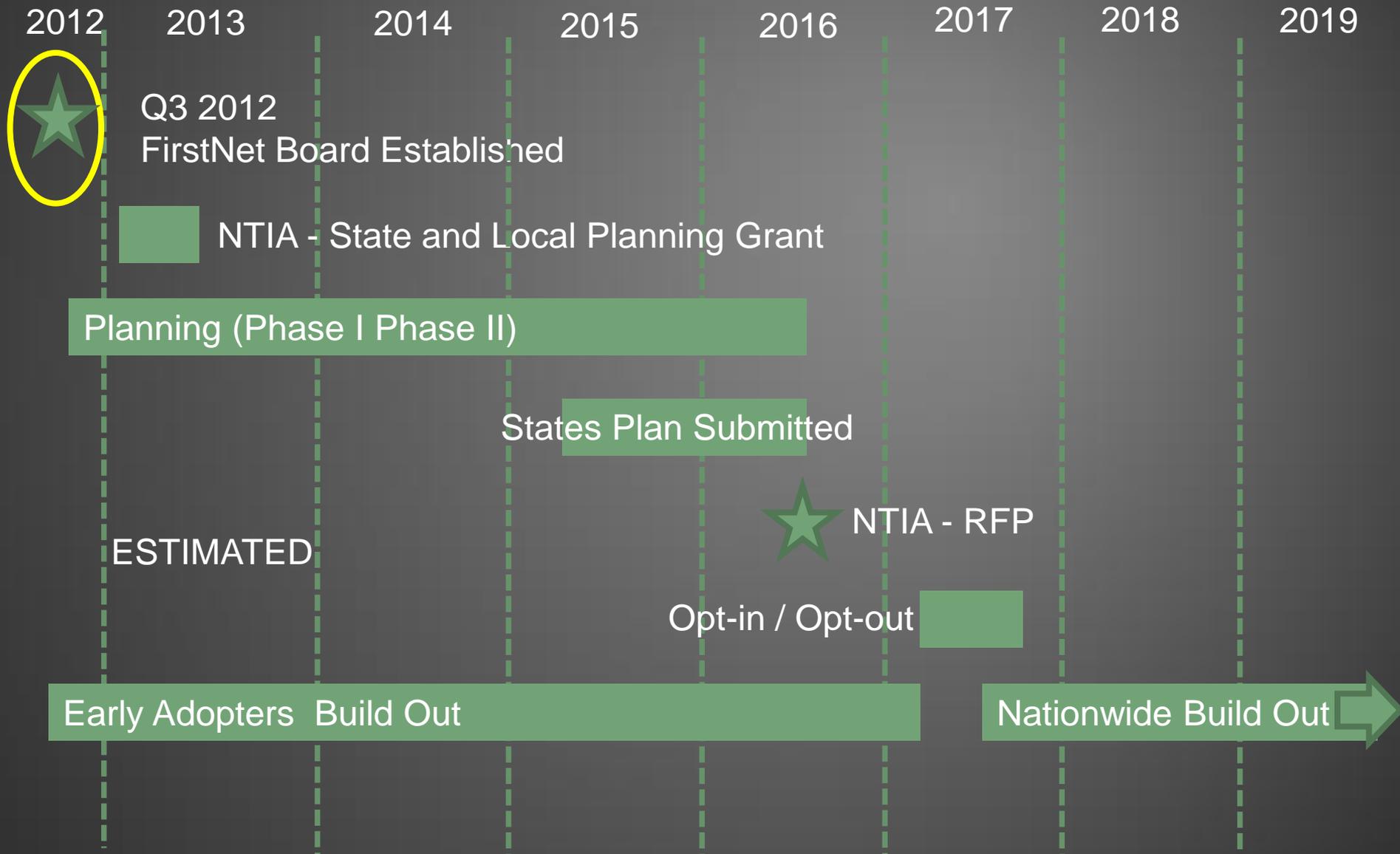
- BAND 14 PUBLIC SAFETY LTE
- BAND 13 PUBLIC CARRIER LTE
- 3G EVDO
- CDMA
- WI-FI 802.11 A/B/G/N
- GPS

**MISSION CRITICAL
BLUETOOTH**

FirstNet Legislative Timeline



FirstNet Projected Timeline



State and Local Planning Grant

National Telecommunications and Information Agency (NTIA)
U.S. Department of Commerce

- ◎ \$135 million grant program for state and local FirstNet planning and outreach
 - Illinois will receive \$5M
- ◎ 3 year formula-based matching grant program
 - Designate a single officer or governance body
 - Define how states will collect input from local jurisdictions
 - Explain how existing public safety governance and planning authorities will be incorporated with FirstNet consultation
 - Define how states will expand existing governance structures to incorporate expertise with LTE

Who is Involved Today?

- ◉ Governor's Office
 - CIO
- ◉ Lt Governor's Office
 - Rural Affairs
- ◉ Illinois Emergency Management Agency
- ◉ Statewide Interoperability Coordinator
- ◉ Central Management Services
- ◉ Partnership for a Connected Illinois
- ◉ USDA-Rural Development
- ◉ Illinois Institute for Rural Affairs-WIU

**Planning and
Investigation**

What needs to be done?

- ◉ By 3/19 - State applies for planning grant
- ◉ Create a statewide written plan
- ◉ Inventory of currently available assets
- ◉ Develop governance structure for Illinois
- ◉ Planning, Education, Outreach

Who can you contact?

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