

## Massachusetts Broadband Data Changes and Corrections June 30, 2013 Data

### Changes:

*Administrative or infrastructure changes that affect the location or type of service provided.*

- **AT&T Mobility LLC:** Very substantial expansion of 4G LTE service throughout southeastern MA and Cape Cod and south central MA into the Pioneer Valley in western MA. Minor expansion into a couple additional towns in north central MA also.
- **BELD Broadband:** Upgraded to DOCSIS 3.0, resulting in significantly increased speeds. Download speed changed from speed tier 7 to 9 and upload speeds changed from speed tier 3 to 6.
- **Level 3:** Significant number of new census blocks and road segments with service in eastern MA as well as south central MA and the Pioneer Valley and Berkshires in western MA.
- **MetroPCS:** Expanded in southeastern MA and Cape Cod.
- **RCN:** Added Other Copper Wireline service in 9 new census blocks in the Boston metro area.
- **Richmond Telephone Company:** Maximum advertised download speed increased significantly, from speed tier 3 to speed tier 6.
- **Sprint:** Large speed tier 6 4G LTE expansion throughout eastern MA filling the gap between previously distinct service areas in northeastern and southeastern MA.
- **T-Mobile:** Added new speed tier 7 LTE service in AWS spectrum. Added PCS spectrum for UMTS (speed tier 4), U1900 and HSPA21 (speed tier 6) and HSPA42 (speed tier 7) services. Expanded HSPA21 service into several additional towns in northeastern and north central MA.
- **Verizon Wireless:** Significant 4G LTE expansion throughout the state.

### Corrections:

*Modifications to the data to more accurately reflect the location or type of service provided*

- **Clear:** Slight reduction in the size of the service area in the Town of Dracut.
- **Comcast:** Scattered corrections to service areas throughout the state.
- **MegaPath Corporation:** Removed lower speed blocks and roads around the perimeter of the asymmetric DSL service areas that were submitted in previous rounds.
- **MetroPCS:** Reduced the size of dead zones throughout the service area and expanded slightly along the perimeter of the service area, possibly due to a different modeling approach.
- **RCN:** Scattered corrections throughout their metro Boston cable service area.
- **T-Mobile:** Significantly reduced HSPA42 service area in central Massachusetts. It is unclear why this area was included in previous rounds.
- **Verizon:** Scattered corrections from Verizon throughout the state to fiber and DSL service areas. Corrections to DSL services areas in some western MA towns based on feedback from the communities.

### Additional Notes:

- There may be insignificant changes to data from other providers, including the removal of non-contiguous wireless service areas less than 1/8 of a square mile, clipping areas to the state boundary or changes to wireless propagation modeling methodologies.
- MetroPCS merged with T-Mobile, but is currently still operating as MetroPCS and therefore submitted separate data for MetroPCS.
- Sidera Networks merged with Lighttower, but directed us to keep their services under the Sidera Networks name. Lighttower stopped participating in the first year of the program, but does not fit the definition of a broadband service provider anyway, because they can't provision service within 10 days.

**Changes in Record Counts:**

*Summary difference between the number of records in the current data submission and the previous data submission. Only those providers with record count differences are shown.*

| Filing Company DBA           | TransTech Code | Census Block Changes | Road Segment Changes | Wireless Changes | Middle Mile Changes |
|------------------------------|----------------|----------------------|----------------------|------------------|---------------------|
| Comcast                      | 40             | 202                  | -288                 |                  |                     |
| Level 3 Communications, LLC  | 50             | 600                  | 6                    |                  |                     |
| MegaPath Corporation         | 10             | -5131                |                      |                  |                     |
| RCN                          | 30             | 9                    |                      |                  |                     |
| RCN                          | 40             | 133                  |                      |                  |                     |
| Richmond Telephone Company   | 10             | -1                   |                      |                  |                     |
| Russell Municipal Cable T.V. | 41             |                      | -1                   |                  |                     |
| Sidera Networks              | 50             | -42                  |                      |                  | -24                 |
| T-Mobile                     | 80             |                      |                      | 4                |                     |
| Verizon                      | 10             | -2348                | -51                  |                  |                     |
| Verizon                      | 50             | -791                 | -20                  |                  |                     |
| Verizon                      | -9999          |                      |                      |                  | -1                  |