

# STATE OF NEW HAMPSHIRE

## Inter-Department Communication

DATE: June 25, 2009

AT (OFFICE): NHPUC

### REDACTED PUBLIC VERSION

**FROM:** F. Anne Ross, Arbitrator *FAR*  
**SUBJECT:** DT 09-007 Staff Review of FairPoint Fiber on Various Routes  
**TO:** Commissioners  
Executive Director  
**CC:** Kate Bailey

On May 18, 2009, segTEL filed a motion for partial reconsideration of determination of the Arbitrator and a request for investigation and hearing in the above referenced docket. segTEL requested that the Commission reconsider the arbitrator's decision on the routes requested in segTEL's initial petition in Appendices 2, 8 and 11.

Prior to the Arbitrator's report filed on February 27, 2009, and supplemented on March 27, 2009, Staff reviewed FairPoint's fiber records on the 14 requested routes on two separate occasions. As a result of segTEL's motion, Staff re-examined the type and amount of fiber available on the three routes identified in segTEL's motion. On June 11, 2009, F. Anne Ross and Kathryn Bailey (Staff) reviewed the records on the routes requested in Appendices 2, 8 and 11. For each route Staff examined all fiber to determine type, location and use. Staff confirmed that the facts in the Arbitrator's report are accurate and requested an update of the testing status on the one defective fiber in Appendix 11.

No spare fiber is currently available on these three routes.

#### Appendix 2

There are 24 continuous fibers in the cable between [BEGIN PROPRIETARY] [END PROPRIETARY]. The fiber leaves the [BEGIN PROPRIETARY] [END PROPRIETARY] office with [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] fibers. 24 fibers are designated as interoffice facilities (IOF). The cable is spliced to a 24 fiber section approximately [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] feet from the exchange boundary. The fiber leaves the [BEGIN PROPRIETARY] [END PROPRIETARY] central office with [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] fibers and is spliced to a 24 fiber section at approximately [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] feet from the exchange boundary, leaving nearly a [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] mile gap. Staff did not

review whether the local fibers are in use, because it would not be routine for FairPoint to install fiber in order to fill this nearly [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] mile gap.

20 of the IOF fibers are in use, 2 were designated as maintenance and 2 were designated as defective. The 2 defective fibers have been repaired. There is no other fiber cable between these offices and no construction is currently planned. FairPoint requires 4 fibers for its next generation network. When FairPoint puts its next generation onto the 4 spare fibers it will free up 2 other fibers for maintenance spares on this route.

### **Appendix 8**

There is one fiber cable with 8 fibers between [BEGIN PROPRIETARY] [END PROPRIETARY]. There is no other fiber cable between these offices. Each of the fibers is in use. Construction for this route has been approved. FairPoint will have enough spare capacity to meet anticipated CLEC requests on this route once construction is complete.

### **Appendix 11**

There are 16 continuous fibers in the cable from [BEGIN PROPRIETARY] [END PROPRIETARY]. The fiber leaves the [BEGIN PROPRIETARY] [END PROPRIETARY] central office with [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] fibers. 16 are designated IOF and [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] are designated local. At approximately [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] feet from the exchange boundary the cable is spliced to a 16 fiber section. The fiber leaves the [BEGIN PROPRIETARY] [END PROPRIETARY] central office with [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] fibers. Again, 16 are designated IOF and [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] are designated local. At approximately [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] feet from the exchange boundary, the cable is spliced to a 16 fiber section, leaving more than a [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] mile gap. Staff did not review whether the local fibers are in use, because it would not be routine for FairPoint to install fiber in order to fill this more than [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] mile gap.

12 of the IOF fibers are in use, 3 are designated as maintenance and 1 is defective. FairPoint has tested the defective fiber and has determined that it cannot be repaired. There is no other fiber cable between these two offices. Construction for this route has been approved. FairPoint will have enough spare capacity to meet anticipated CLEC requests on this route once construction is complete.

There are 8 continuous fibers from [BEGIN PROPRIETARY] [END PROPRIETARY]. The cable leaves the [BEGIN PROPRIETARY] [END PROPRIETARY] central office

with [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] fibers. 8 are designated IOF and [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] are designated local. The cable is spliced to an 8 fiber section approximately [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] feet from the [BEGIN PROPRIETARY] [END PROPRIETARY] exchange boundary. Staff did not calculate the distance between the splice points, through the exchange boundary, as the gap in the [BEGIN PROPRIETARY] [END PROPRIETARY] exchange was greater than [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] miles. Staff did not review whether the local fibers are in use, because it would not be routine for FairPoint to install fiber in order to fill a gap greater than [BEGIN PROPRIETARY 1] [END PROPRIETARY 1] miles.

All 8 IOF fibers are in use. There is no other fiber cable between these two offices. Construction for this route has been approved. FairPoint will have enough spare capacity to meet anticipated CLEC requests on this route once construction is complete.