

**STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL**

RE: APPLICATION BY T-MOBILE  
NORTHEAST, LLC FOR A  
CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED  
FOR A TELECOMMUNICATIONS FACILITY  
AT 387 SHORE ROAD IN THE TOWN  
OF OLD LYME, CONNECTICUT

DOCKET NO. 392

Date: January 28, 2010

**INTERROGATORY RESPONSES TO CONNECTICUT SITING COUNCIL  
FROM APPLICANT T-MOBILE NORTHEAST, LLC**

The Applicant, T-Mobile Northeast, LLC ("T-Mobile"), submits the following responses to the second set of Pre-Hearing Interrogatories propounded by the Connecticut Siting Council in connection with the above-captioned Application.

1. T-Mobile Northeast, LLC's (T-Mobile) response to the Connecticut Siting Council's (Council) interrogatory number eight indicated that T-Mobile's equipment would cost approximately \$23,000. Break down that total into two costs: antennas and radio equipment.
- A1 The response to the Council's interrogatory number eight was in error. The cost of T-Mobile's equipment is \$45,000, more specifically:**
  - BTS – \$30,000**
  - RF components (antennae and cable) - \$15,000**
2. T-Mobile's response to Council interrogatory number 11 indicated that a second antenna ten feet higher would be required for a flush-mounted configuration. Approximately how many antennas would be located on each level if two levels were required for a flush-mounted configuration?
- A2 T-Mobile could utilize a flush mounted antenna design at this proposed facility. This antenna layout design would require an additional antenna location 10 feet higher than T-Mobile's initial design height of 77 feet on the proposed facility. With this antenna layout, there would be 6 antennas total**

located at this facility - 3 antennas at each mounting height with 1 antenna per sector.

3. Under Exhibit/Tab I of T-Mobile's application to the Council, T-Mobile lists all existing telecommunications towers within four miles of the proposed facility. Indicate which of the facilities T-Mobile is already co-located on and which ones T-Mobile is not on but would not provide adequate coverage to the target area.

**A3 The existing telecommunications towers within four miles of the proposed facility are as follows:**

- a) 93 Roxbury Road, East Lyme: T-Mobile is currently located on this facility at 103 feet AGL (T-Mobile Site ID# CT11037B).
- b) 132 Whippoorwill Road, Old Lyme: T-Mobile is currently not on this site. It is located too far to the north of the coverage objective for the CTNL804 search area to provide reliable coverage to this area.
- c) 62-1 Boggy Hill Road, Old Lyme: T-Mobile is currently located on this facility at 172 feet AGL (T-Mobile Site ID# CT11636A).
- d) 38 Hatchedts Hill Road, Old Lyme: T-Mobile is currently located on this facility at 185 feet AGL (T-Mobile Site ID# CT11038C).
- e) 30 Short Hills Road, Old Lyme: T-Mobile is currently not on this site. It is located too far to the north of the coverage objective for the CTNL804 search area to provide reliable coverage to this area.
- d) 125 Mile Creek Road, Old Lyme: T-Mobile is currently located on this facility at 168 feet AGL (T-Mobile Site ID# CTNL802A).

**Respectfully submitted,**

**T-MOBILE NORTHEAST, LLC**

By: 

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CERTIFICATE OF SERVICE

I hereby certify that on this day a copy of the foregoing was delivered by regular mail, postage prepaid, to all parties and interveners of record, as follows:

The Honorable Timothy C. Griswold  
First Selectman  
Town of Old Lyme  
Town Office Building  
52 Lyme Street  
Old Lyme, CT 06371

  
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Jesse A. Langer