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**Dee May**  
Executive Director  
Federal Regulatory



September 21, 2000

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

**Ex Parte**

Ms. Magalie Roman Salas  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20554

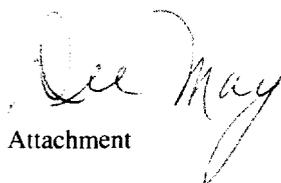
**Re: CC Docket No. 98-147: In the Matter of Deployment of Wireline Services Offering Advanced Telecommunications Services, Further Notice of Proposed Rulemaking**

Dear Ms. Salas,

On September 12, Verizon met with representatives of the Common Carrier Bureau. Verizon representatives included J. White, K. Zacharia, L. Vial, J. Canny, T. Maguire and me. Attending from the Common Carrier Bureau were D. Attwood, M. Egler, E. Einhorn, M. Carey, G. Reynolds, K. Farroba, D. Shiman, M. Jacobs, C. Libertelli and XXXXX. Among other issues the above proceeding discussed. Relevant materials used in the discussion are attached.

Please contact me if you have any questions.

Sincerely,

  
Attachment

cc:

D. Attwood  
G. Reynolds  
M. Carey  
K. Farroba

M. Egler  
E. Einhorn  
D. Shiman  
C. Libertelli

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# Provisioning & Maintenance

## XDSL

## 2w Digital

J.L. White

September 12, 2000



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## Why Not The Same - Similar But Different

### Retail

VZ POTS

VZ Infospeed

VZ ISDN

### Wholesale

xDSL

Linesharing

2 Wire Digital

- Different Technologies
- Different Testing
- Different Installation Activities
- Different Offered Intervals



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## Different Technologies

- Infospeed vs. xDSL
  - Infospeed - add on to working loop.
  - xDSL - requires new loop.
- ISDN vs. 2 Wire Digital
  - ISDN - use copper when available (only 20% on DLC).
  - 2w Digital - many used when only DLC is available (48% on DLC)



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## Different Testing

- **Infospeed vs. xDSL**
  - Infospeed & Linesharing
    - Has Dial Tone
    - Can Test Loop with MLT
  - xDSL
    - Requires New Loop
    - No Dial Tone, No Battery, No MLT, Some Co-op Testing
- **ISDN vs. 2 wire Digital**
  - ISDN - Circuit has SPIDs and Dial Tone (80% of Retail ISDN are installed on Copper)
  - 2w Digital - New loop, No Dial Tone, DLC card options not standard.



## Different Installation Activities

- Infospeed & Linesharing
  - No Removal of Load Coils or Bridged Tap
  - Minimal level of field dispatch (Customer already working on Line), possible LST.
- xDSL
  - May involve:
    - Clearing defects
    - Finding Good Pair
    - LST
    - 100% Dispatch



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## Different Offered Interval

### Provisioning

- 2w POTS Loop - SMARTS Clock (Force/Load)
- Infospeed - 6 business days
- xDSL Loop (1- 5 loops) - 6 business days from receipt of good LSR. If loop is not prequalified, 9 business days interval.
- ISDN (1 - 12 lines, Retail) - 8 business days
- 2w Digital (1 - 5 loops) - SMARTS Clock

### Maintenance

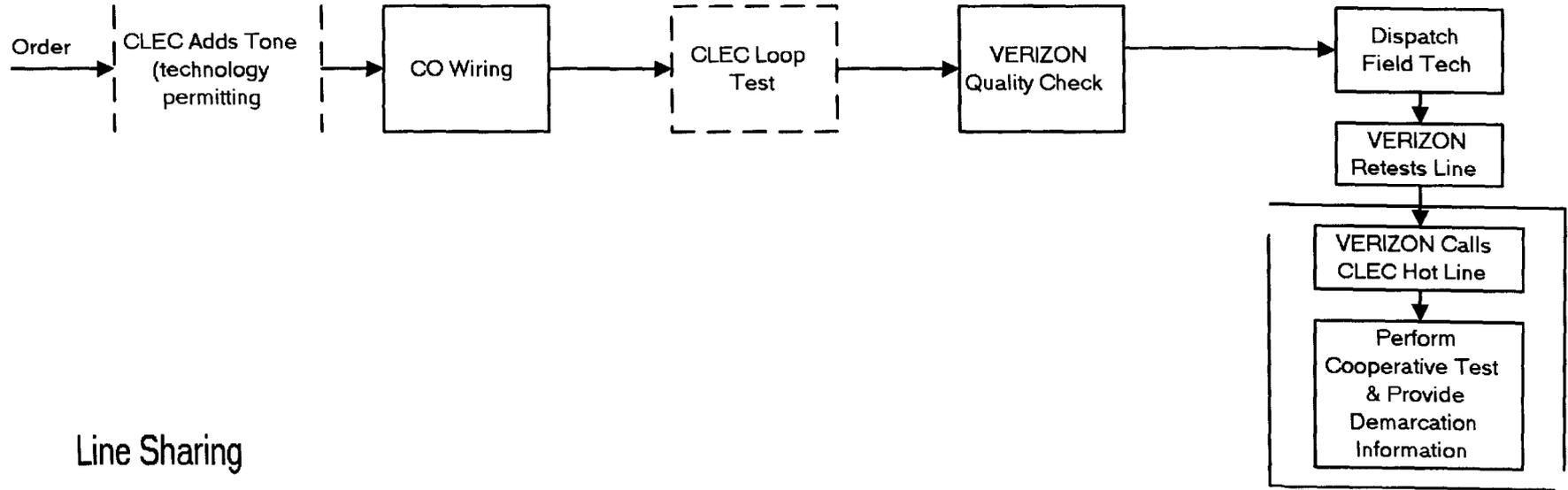
- Monday to Saturday Appt vs. Monday to Friday Appt

# Provisioning Process

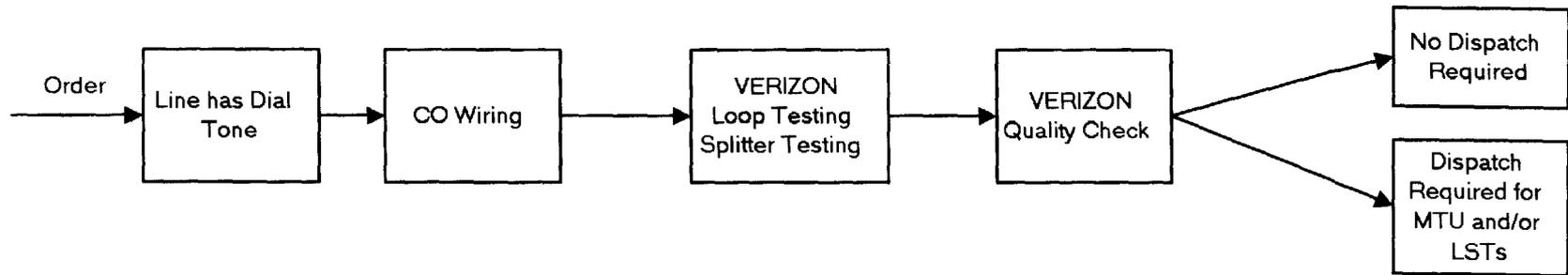
## Standalone DSL Versus Line Sharing



### Stand Alone DSL



### Line Sharing



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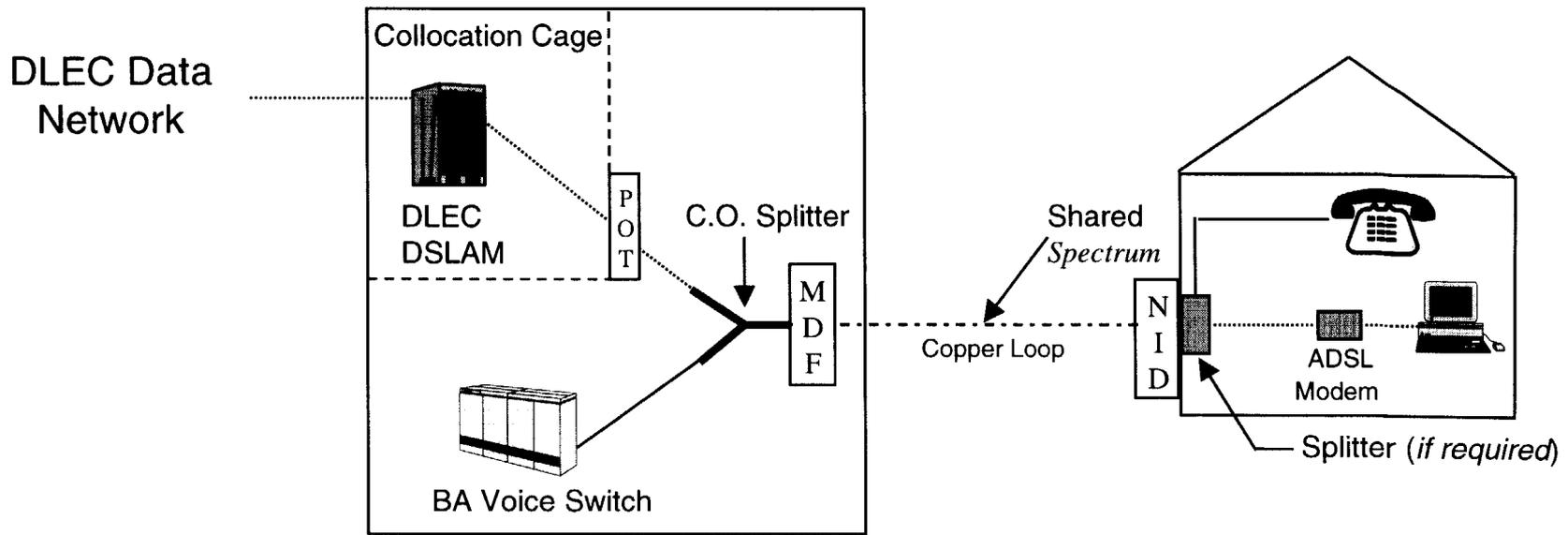
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# Line Sharing Architecture



Central Office

- NID - Network Interface Device
- MDF - Main Distribution Frame
- POT - Point of Termination