

# Airmail

Email via radio!

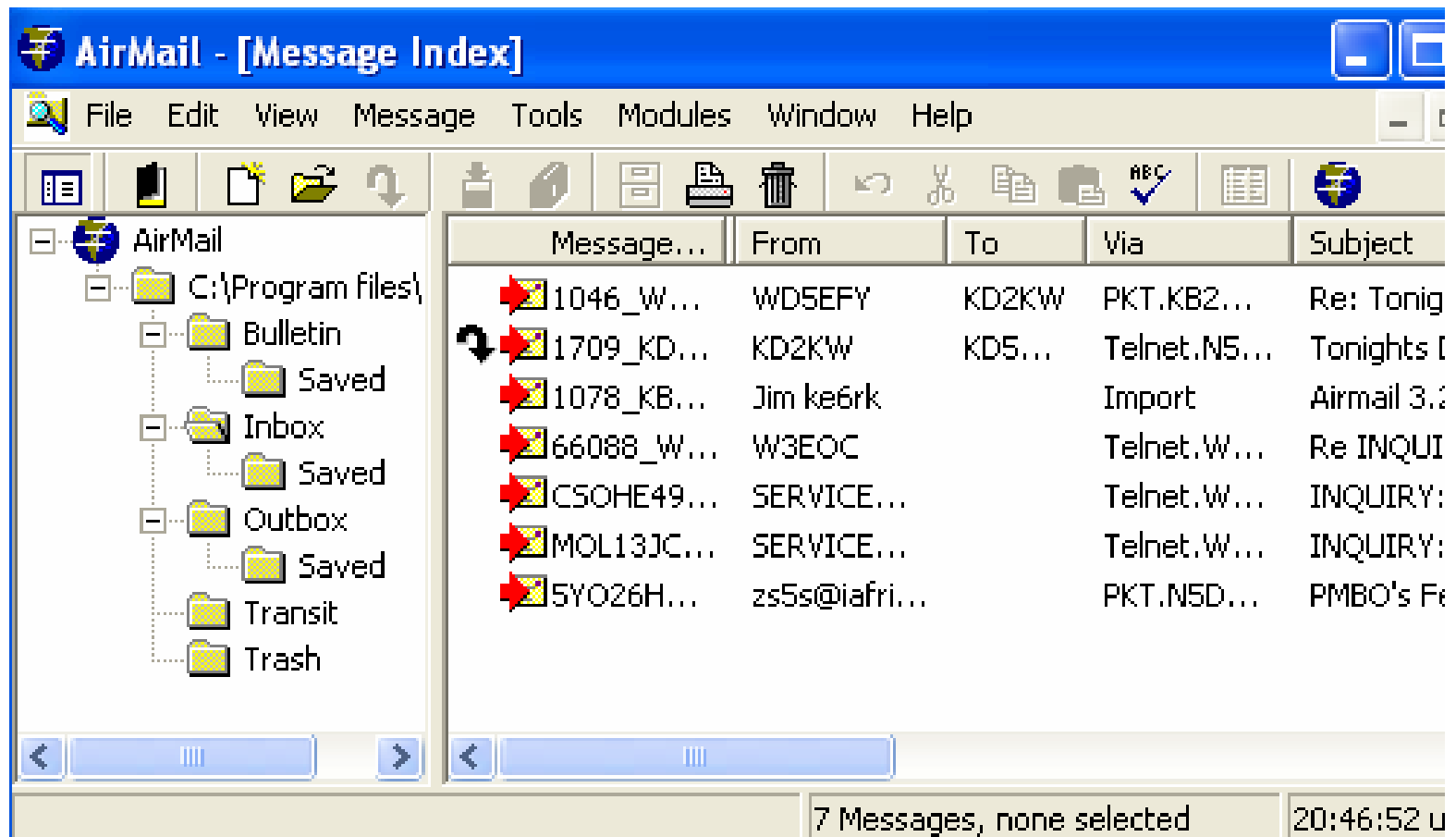


# What is Airmail?

- Is an important tool in our toolbox for Emergency Communications
- Can use the internet to pass traffic IF it is available
  - If the internet is down, radio is used
  - If the internet is operating,
    - It helps with traffic load
    - It can reach outside the radio world and into the day-to-day world
- Can be used on HF or VHF
  - Our focus is on VHF only in this session
  - HF networks are worldwide

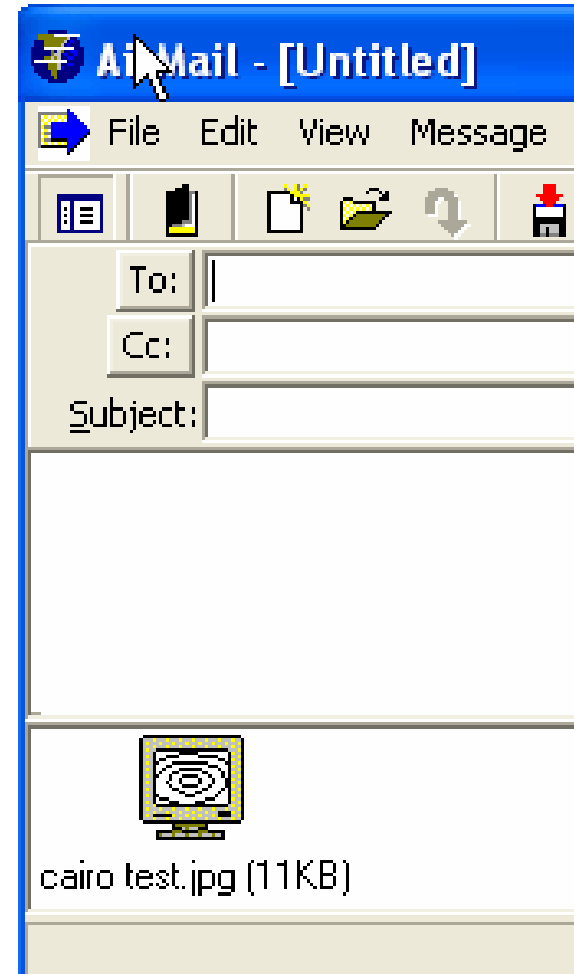
# It provides email-type messaging

- It looks like normal email
- Meets agency needs



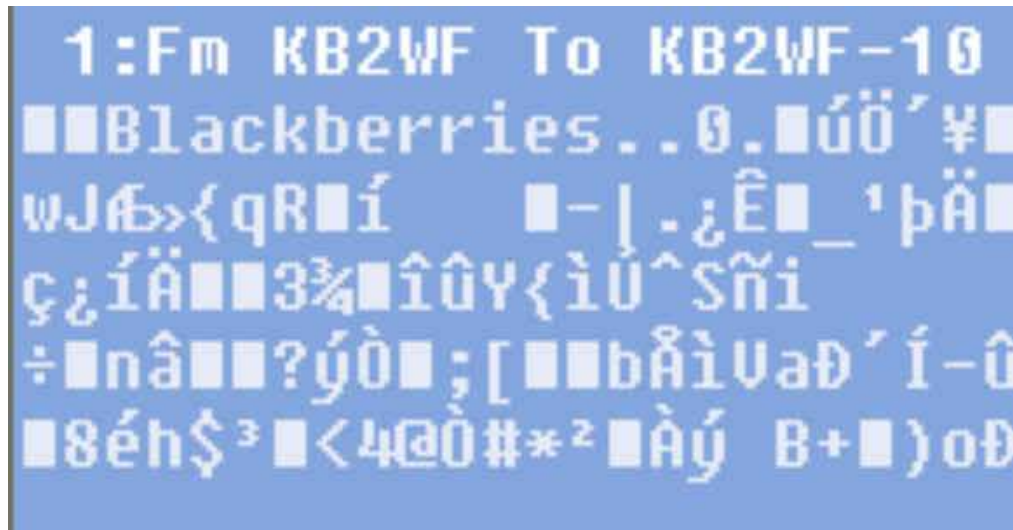
# It supports attachments

- Small attachments can be added
- Limited to text and small attachments. Typically 10 -20Kb is OK
- Attachments enable:
  - Spreadsheets, for example
    - shelter residents details
    - Logistics supplies or needs
  - Photographs
    - Jpgs are best



# Best suited to?

- Very detailed reports and lists
- Need for 100% accuracy
  - Airmail uses error correction
- Semi confidential messages



# It is NOT

- Classical packet
  - Packet is ‘type as you go’
  - Packet requires a high skill level
    - good knowledge of many commands
    - It is more prone to operator errors
  - But both use digipeaters
- A Blackberry
  - Blackberries rely on a central system which may overload
  - Airmail is more diversified

# Typical Equipment Required

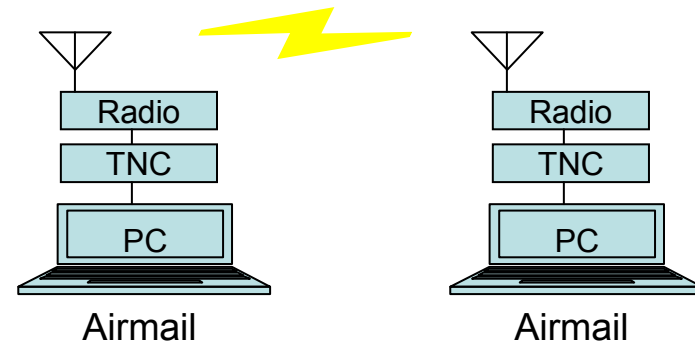
A VHF Airmail station requires:

- A TNC
  - SCS and most Kantronics TNCs
  - 1200bps
- Almost any radio
  - needs audio in and audio out
- A computer
  - Windows of any version! Even Win 95!

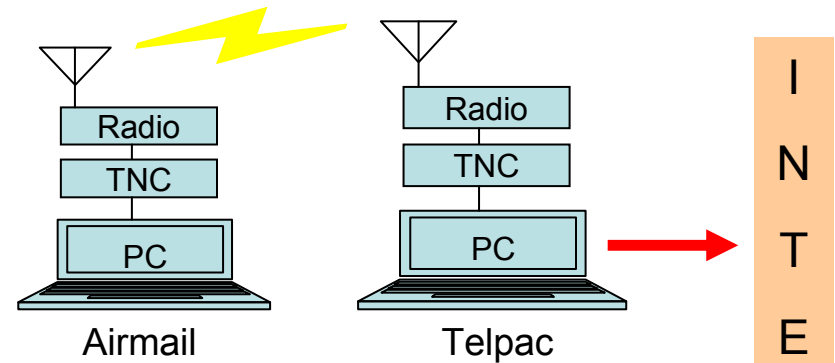


# How does it connect?

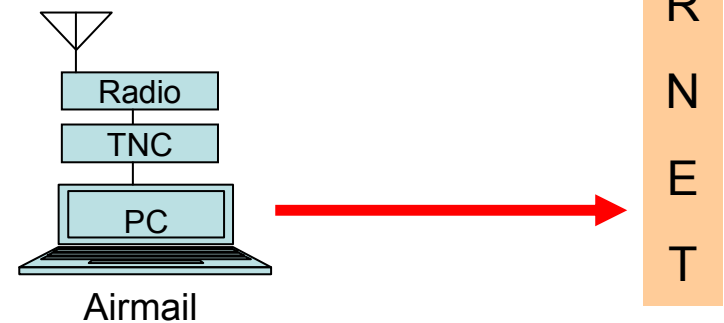
Airmail can connect  
Direct with another  
station



To the internet via  
Telpac



To the internet via  
telnet

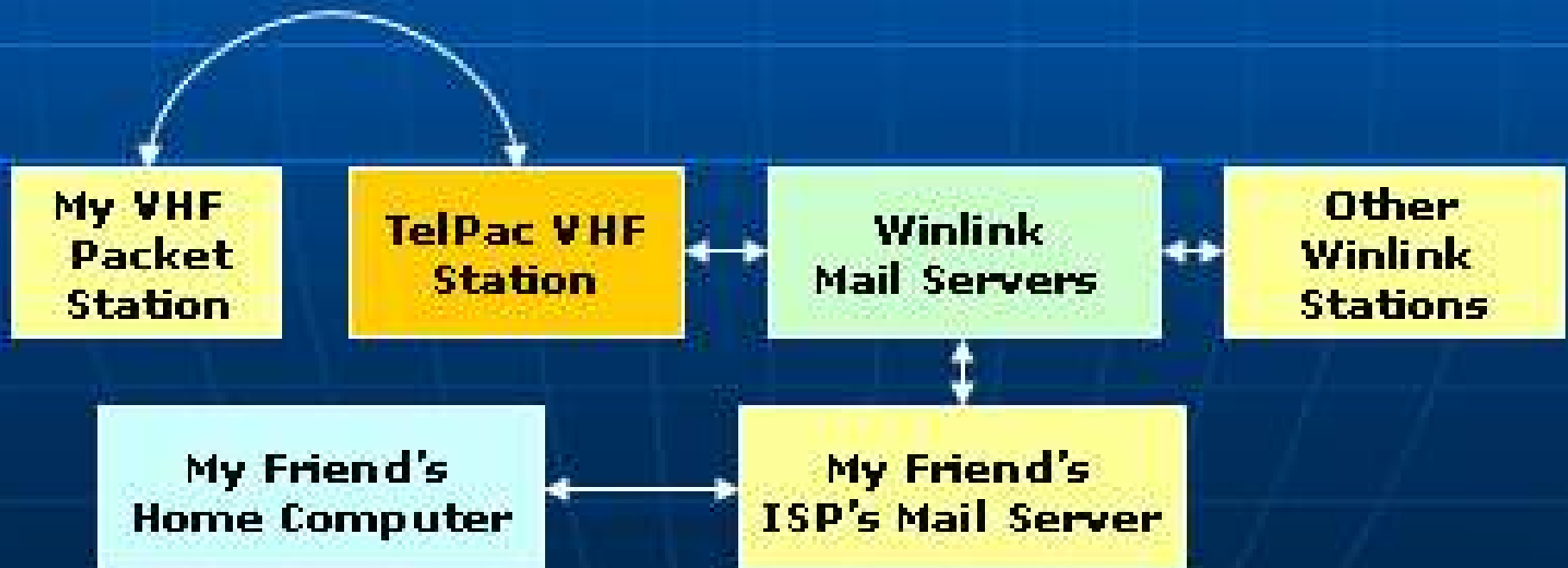




# TelPac

- TelPac

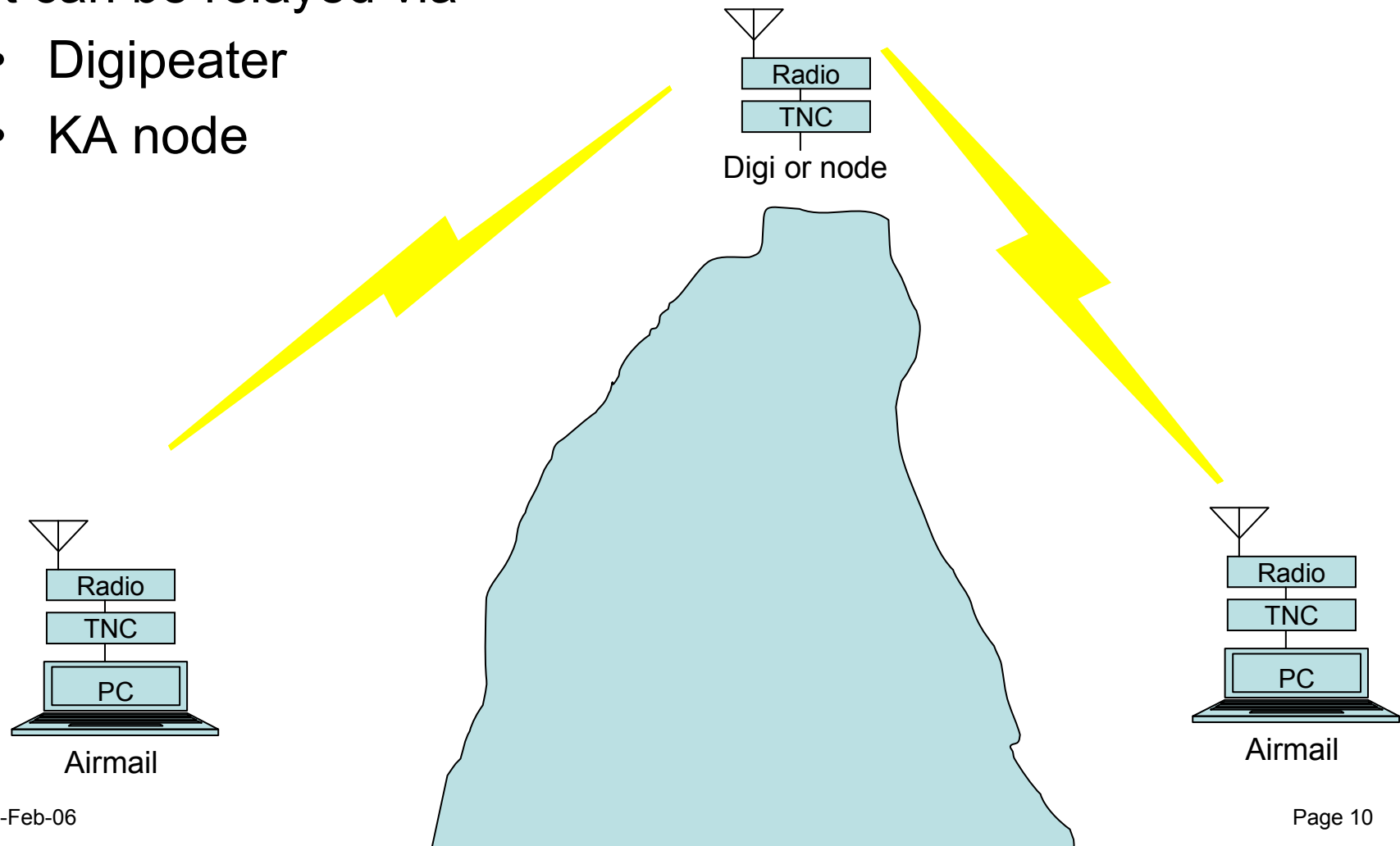
- Tel = TELNET
- Pac = PACKET



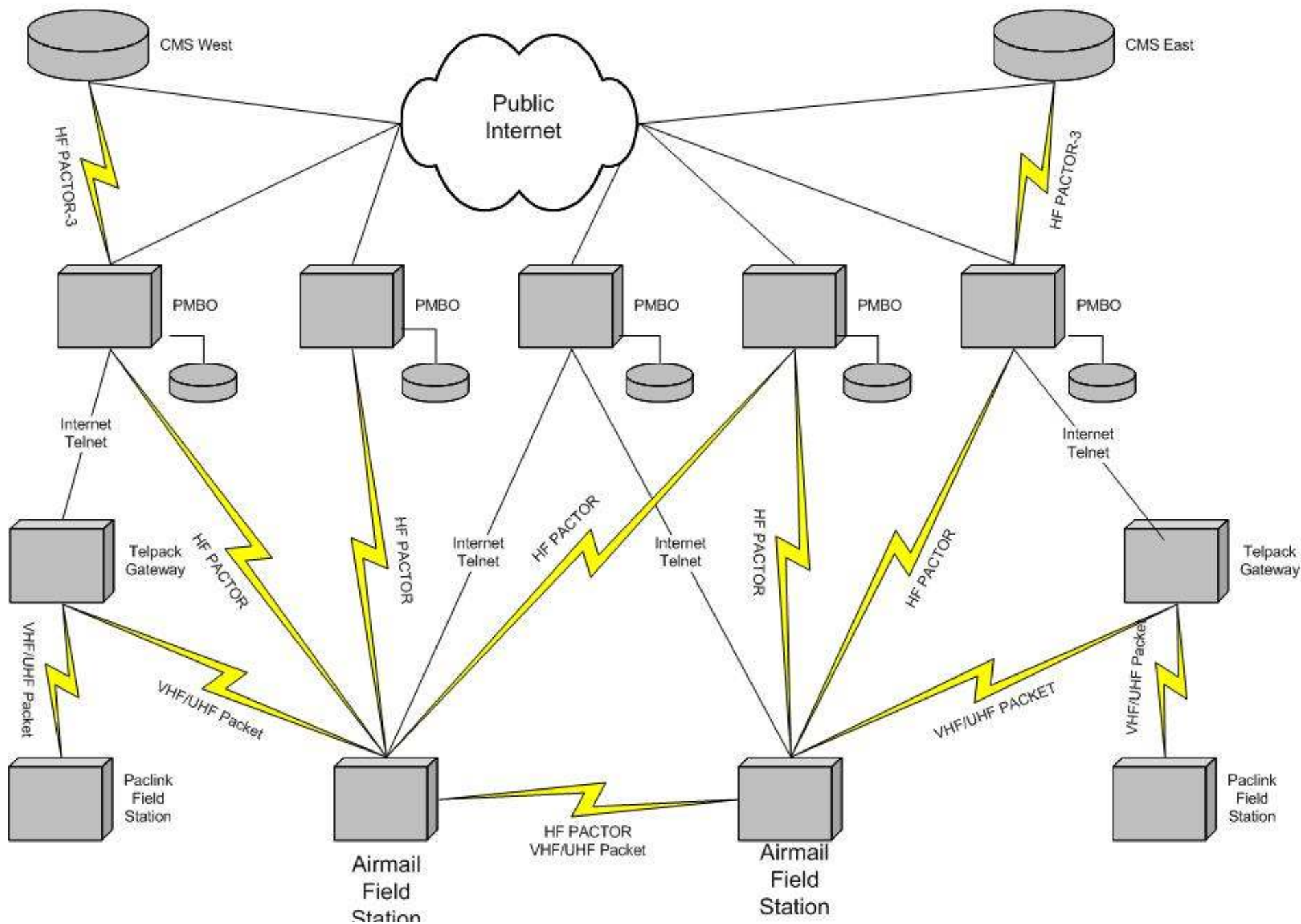
# How is it relayed?

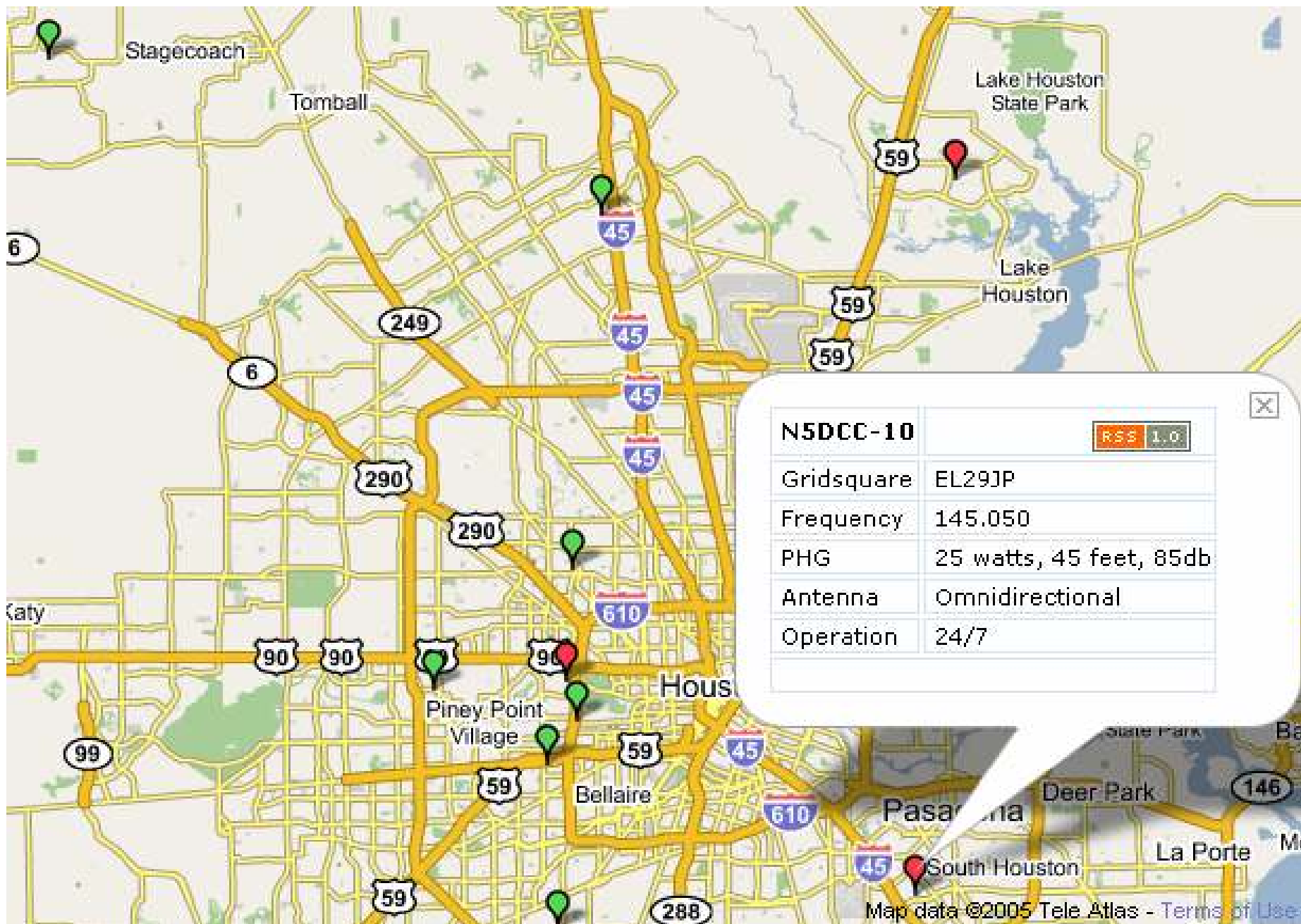
It can be relayed via

- Digipeater
- KA node



# Winlink 2000 Topology





<http://winlink.org/positions/telpacpos.aspx>