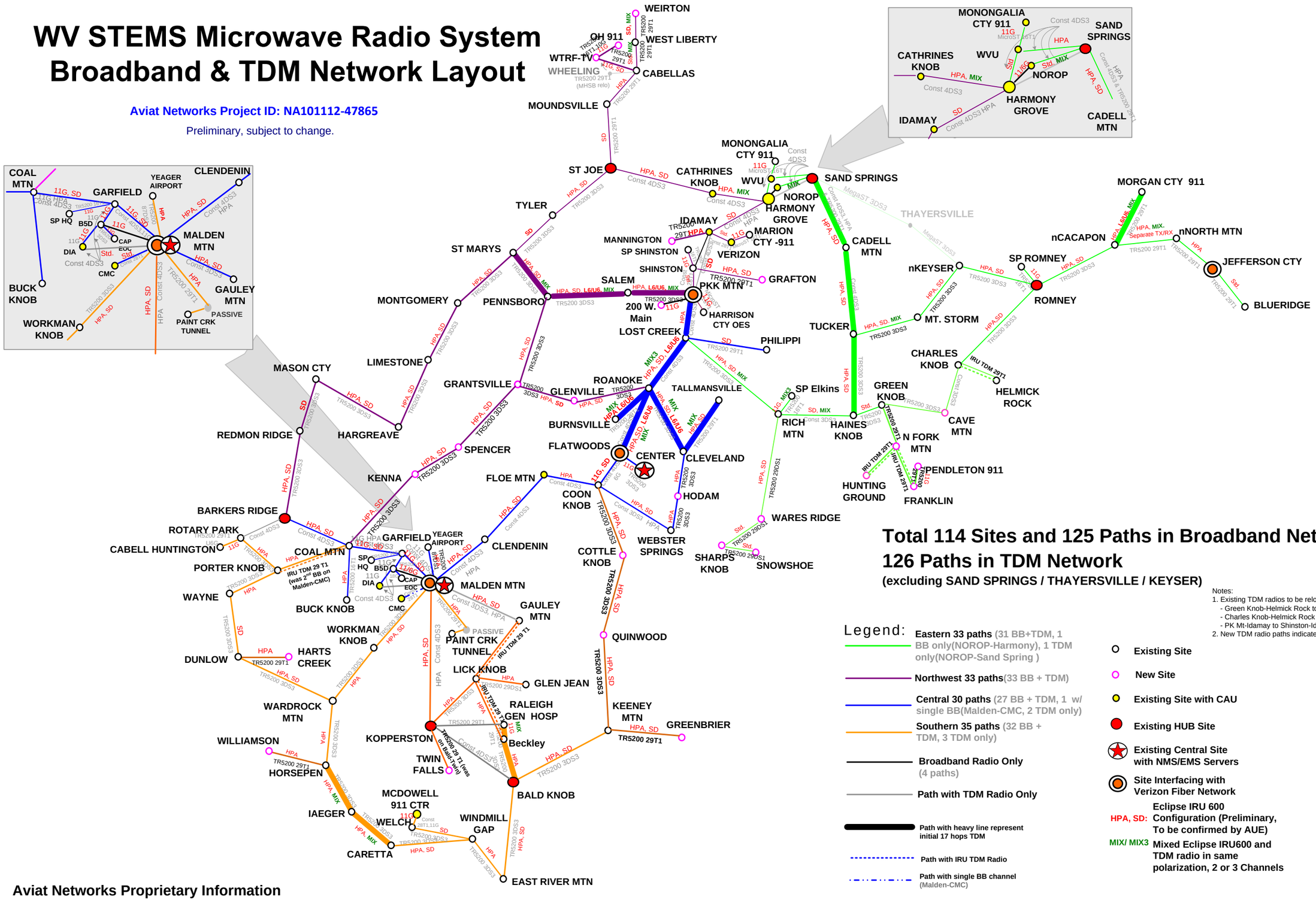
WV STEMS Microwave Radio System Broadband & TDM Network Layout

Aviat Networks Project ID: NA101112-47865

Preliminary, subject to change.



Total 114 Sites and 125 Paths in Broadband Network
126 Paths in TDM Network
(excluding SAND SPRINGS / THAYERSVILLE / KEYSER)

Notes:
1. Existing TDM radios to be relocated on:
   - Green Knob-Helmick Rock to Cave Mt-Charles Knob
   - Charles Knob-Helmick Rock to Green Knob-Cave Mt
   - PK Mt-Idamay to Shinston-Idamay
2. New TDM radio paths indicated by **black bold** font

Legend:

- **Eastern 33 paths** (31 BB+TDM, 1 BB only(NOROP-Harmony), 1 TDM only(NOROP-Sand Spring)
- **Northwest 33 paths**(33 BB + TDM)
- **Central 30 paths** (27 BB + TDM, 1 w/ single BB(Malden-CMC, 2 TDM only)
- **Southern 35 paths** (32 BB + TDM, 3 TDM only)
- **Broadband Radio Only** (4 paths)
- **Path with TDM Radio Only**
- **Path with heavy line represent initial 17 hops TDM**
- **Path with IRU TDM Radio**
- **Path with single BB channel** (Malden-CMC)

- **Existing Site**
- **New Site**
- **Existing Site with CAU**
- **Existing HUB Site**
- **Existing Central Site with NMS/EMS Servers**
- **Site Interfacing with Verizon Fiber Network**
- **HPA, SD:** Eclipse IRU 600 Configuration (Preliminary, To be confirmed by AUE)
- **MIX/ MIX3** Mixed Eclipse IRU600 and TDM radio in same polarization, 2 or 3 Channels

Aviat Networks Proprietary Information

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