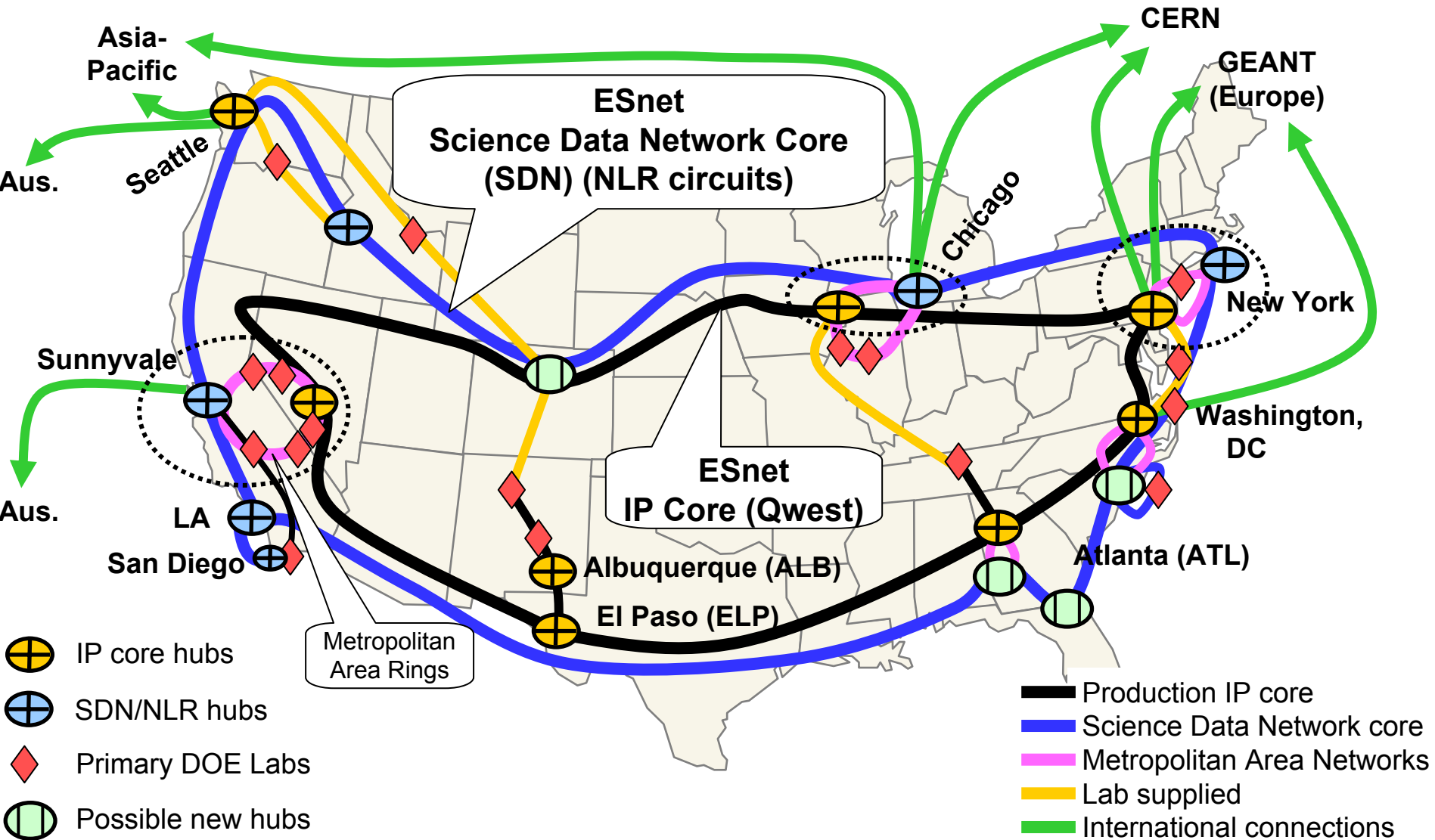


# ESnet Infrastructure Update

Joe Metzger  
June 21 2005

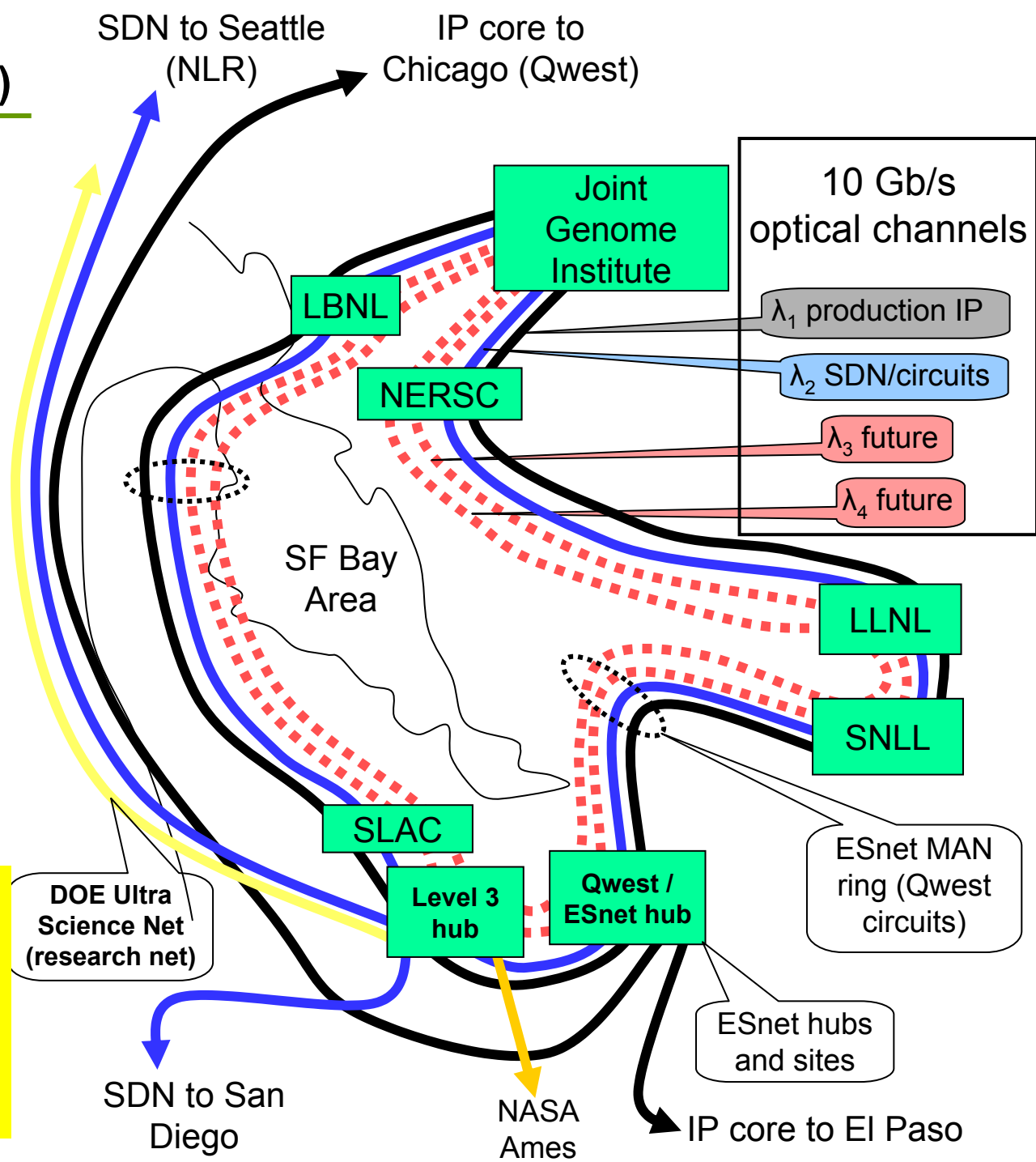
# ESnet Target Architecture: IP Core + Science Data Network + MANs



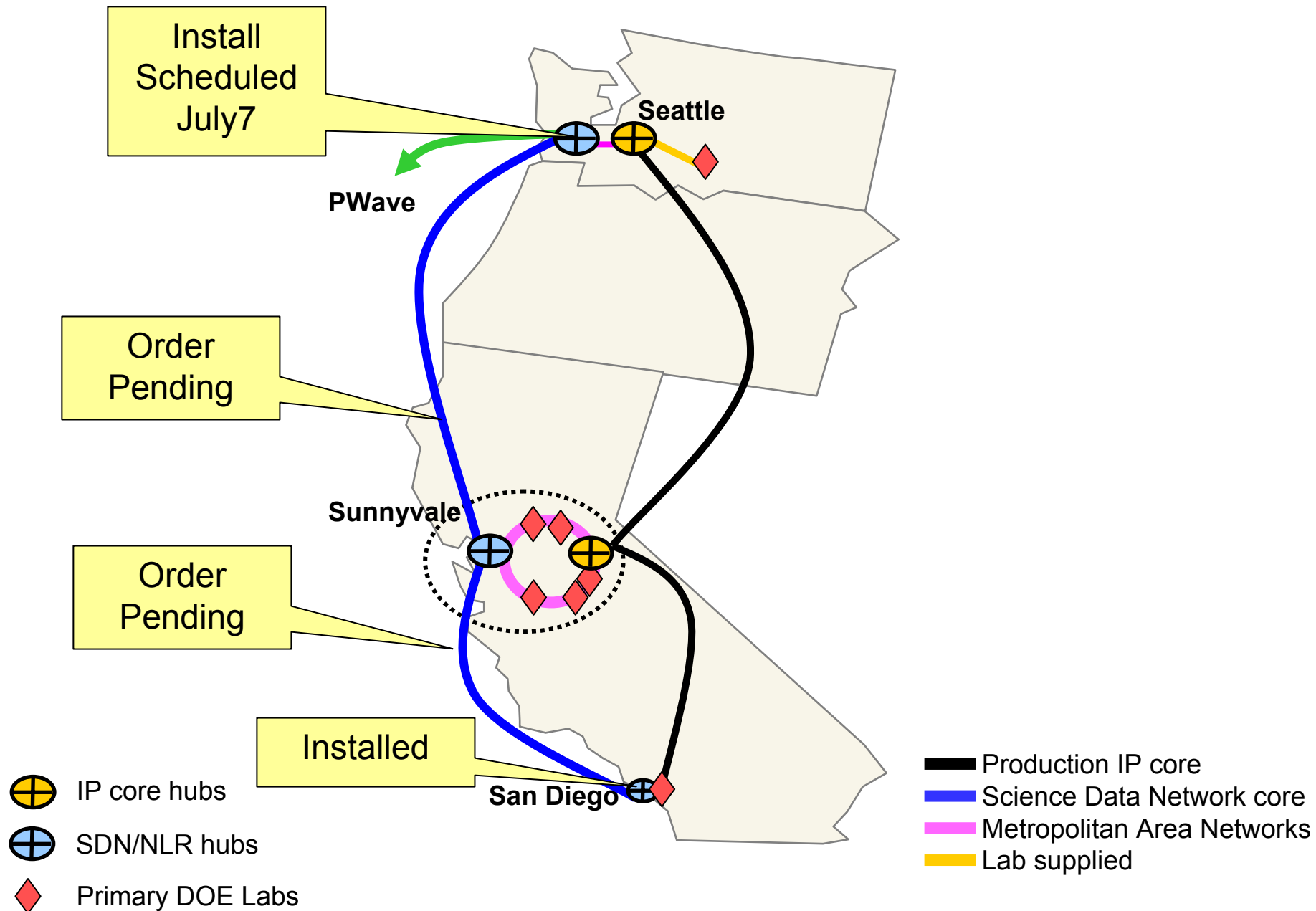
# ESnet SF Bay Area MAN Ring (Sept., 2005)

- 2  $\lambda$ s (2 X 10 Gb/s channels) in a ring configuration, and delivered as 10 GigEther circuits
- Dual site connection (independent “east” and “west” connections) to each site
- Will be used as a 10 Gb/s production IP ring and 2 X 10 Gb/s paths (for circuit services) to each site

•Current Status: SLAC, Level3 hub, Qwest hub, SNLL and NERSC connected.



# ESnet SDN West Coast Status



# ESnet Planning for BNL and Long Island MAN Ring

## LI MAN – Diverse dual core connection

