

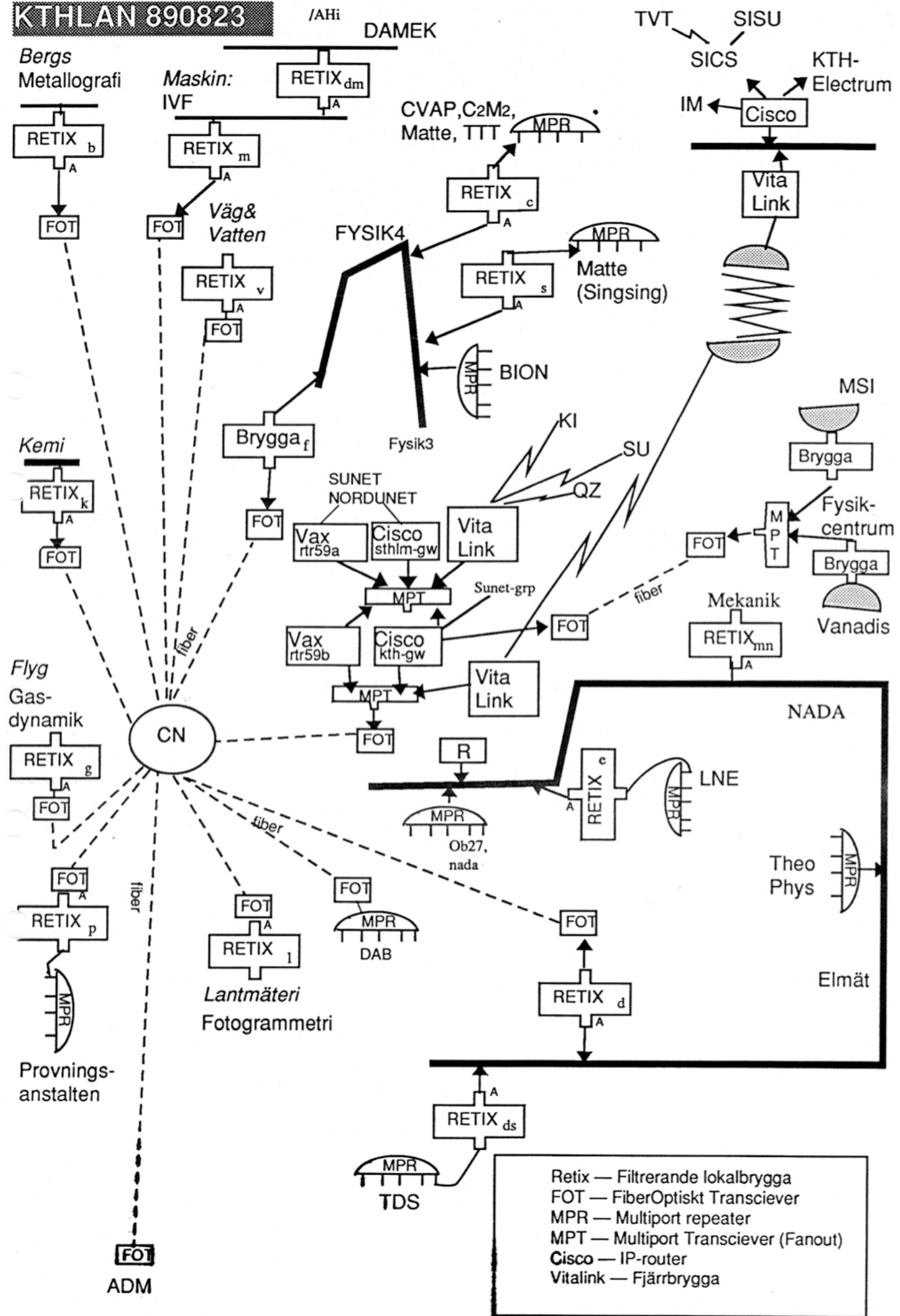
Sweden around RIPE I

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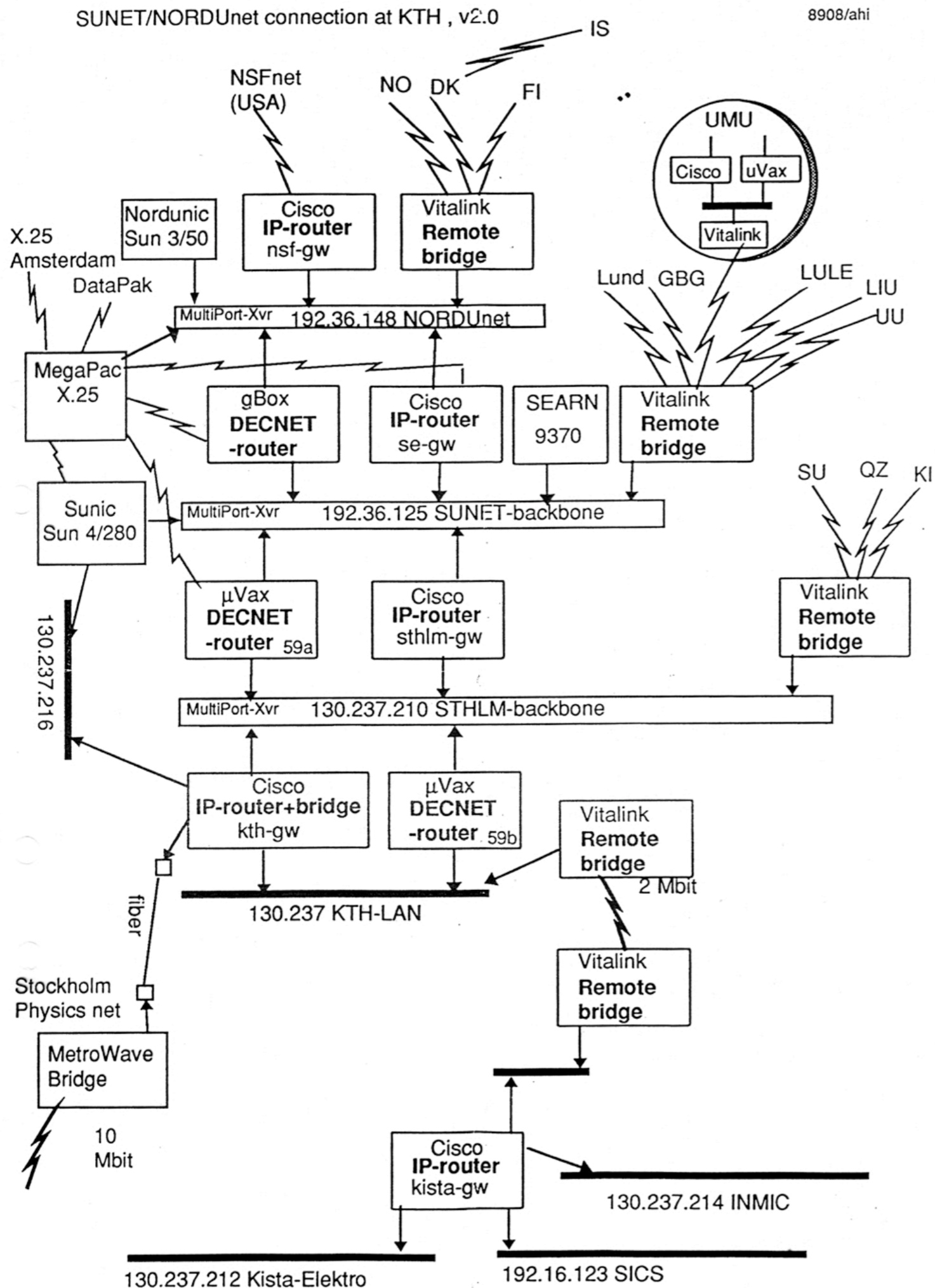
What was so special?

- Historically, X.25 or similar (today) higher-level technology was used as “layer 2” which other protocols were tunnelled on
- SUNET was from the beginning architected as a multi-protocol network where DECNet, IP, SNA etc could be run in parallel on top of layer 2
- It was one of the first global layer 2 networks



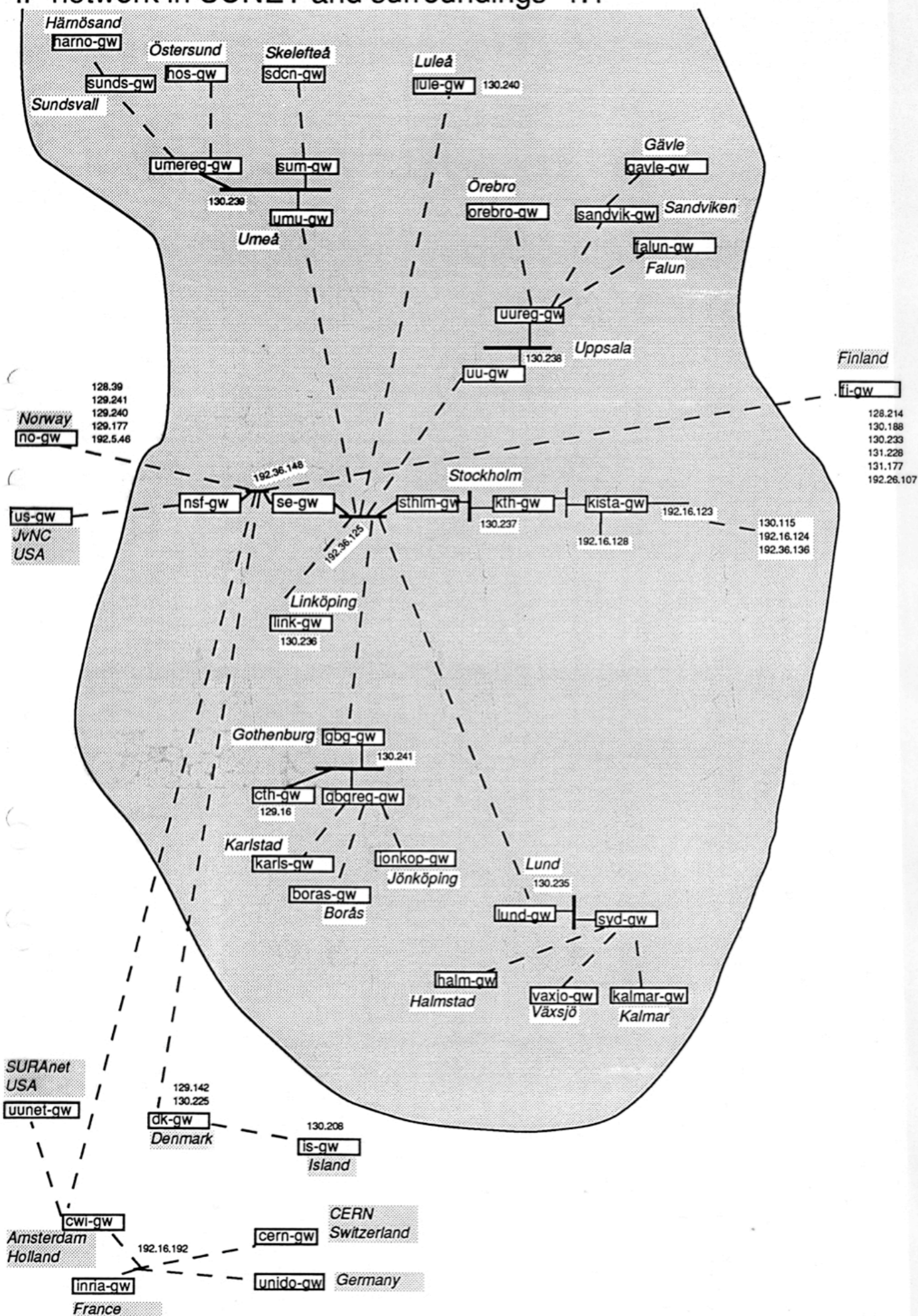
Network at KTH September 1989

- Backbone was a star of fiber-optic ethernet network
- Ethernet cable still there
- Cisco and μ -vax together with Vitalink bridges created long distance connections



Network in Sweden September 1989

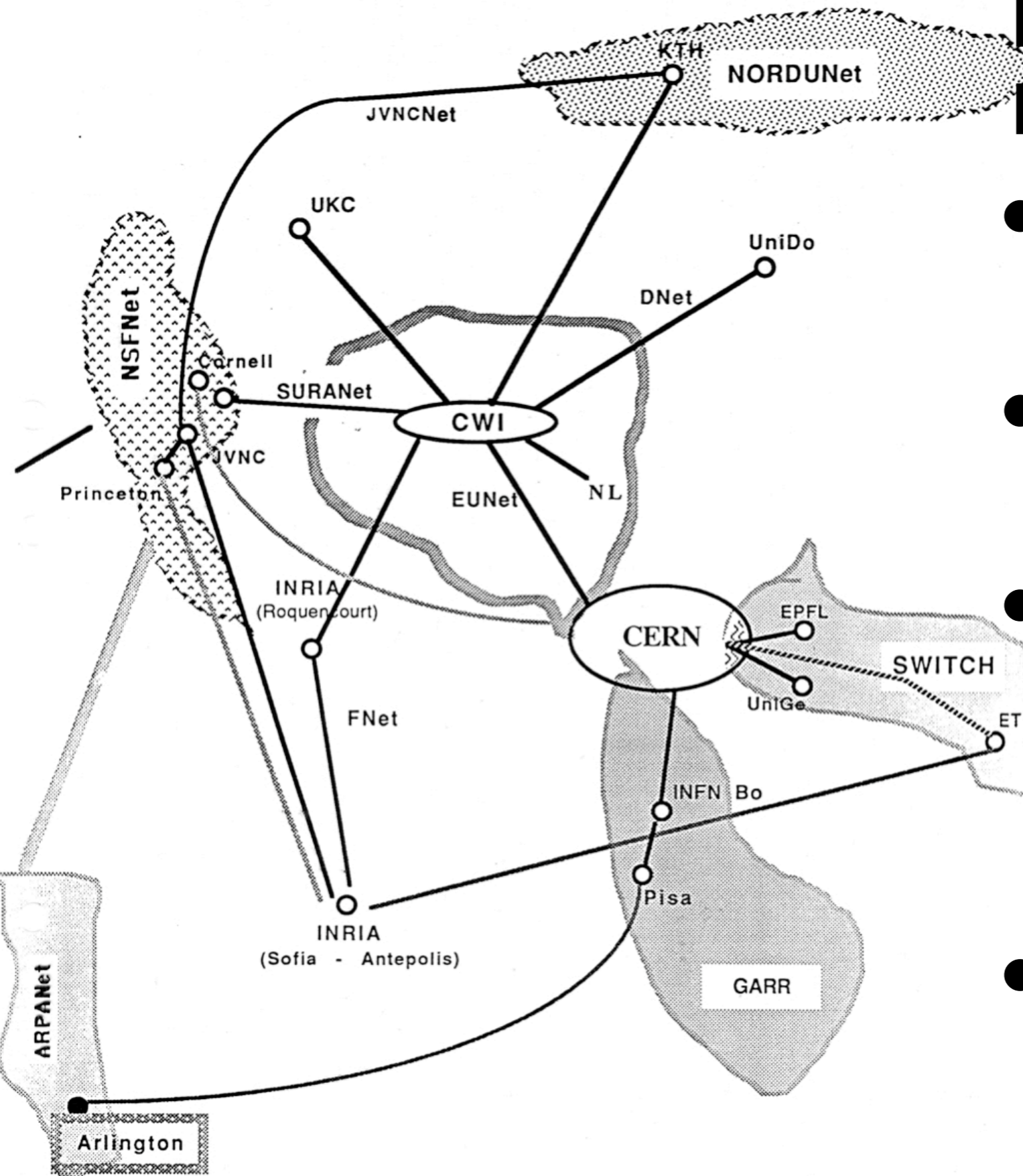
- Cisco and μ -vax together with Vitalink bridges created long distance connections
- Both Cisco and μ -vax was needed because Cisco didn't have support for DECNet
- Same structure between Nordic countries



Network in Sweden December 1989

- Cisco and μ -vax together with Vitalink bridges created long distance connections
- Star-shaped network (64kbps links), with multi-port transceivers as local “LAN” segments
- Connection via 64kbps satellite to JvNC in US and to Amsterdam

Networks in Europe December 1989



- All connections to NSFNet
- “Default Network” was pointing at NSFNet
- 5 connections over the Atlantic: Stockholm, Amsterdam, Sofi-Antipolis and Pisa
- 4 large networks: NorduNet, EUNet, Switch and Garr

