LHCOPN status

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Recent achievement - 1

GRIDKA: T1-T1 connectivity via CERN and direct links

GRIDKA: two routers used to terminate the LHCOPN links

GRIDKA-SARA: link used for GRIDKA back-up

GRIDKA-IN2P3: link used for direct connectivity and mutual backup.

Recent achievement - 2

RAL: BGP configured, T1-T1 connectivity via CERN

PIC: BGP configured, T1-T1 connectivity via CERN

USLHCnet: equipment diversity for FNAL and BNL primary and backup paths.

Upcoming

ASGC: upgrade of the main link to 5Gbps

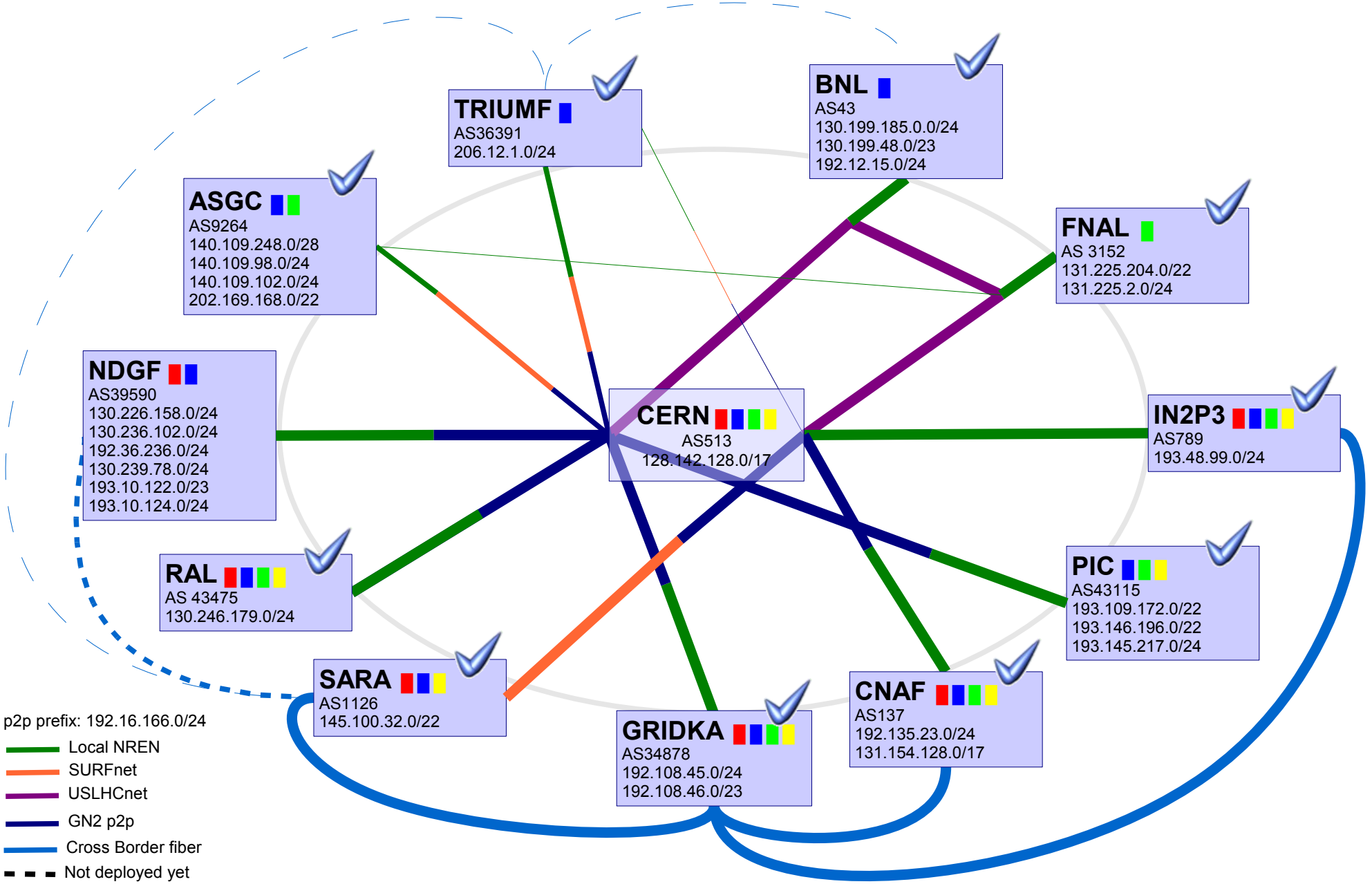
SARA: soon using its LHCOPN link (tests started on 5/11)

SARA: one 10G lambda AMS-GVA will go via the London-Paris-Geneva path (path diversity).

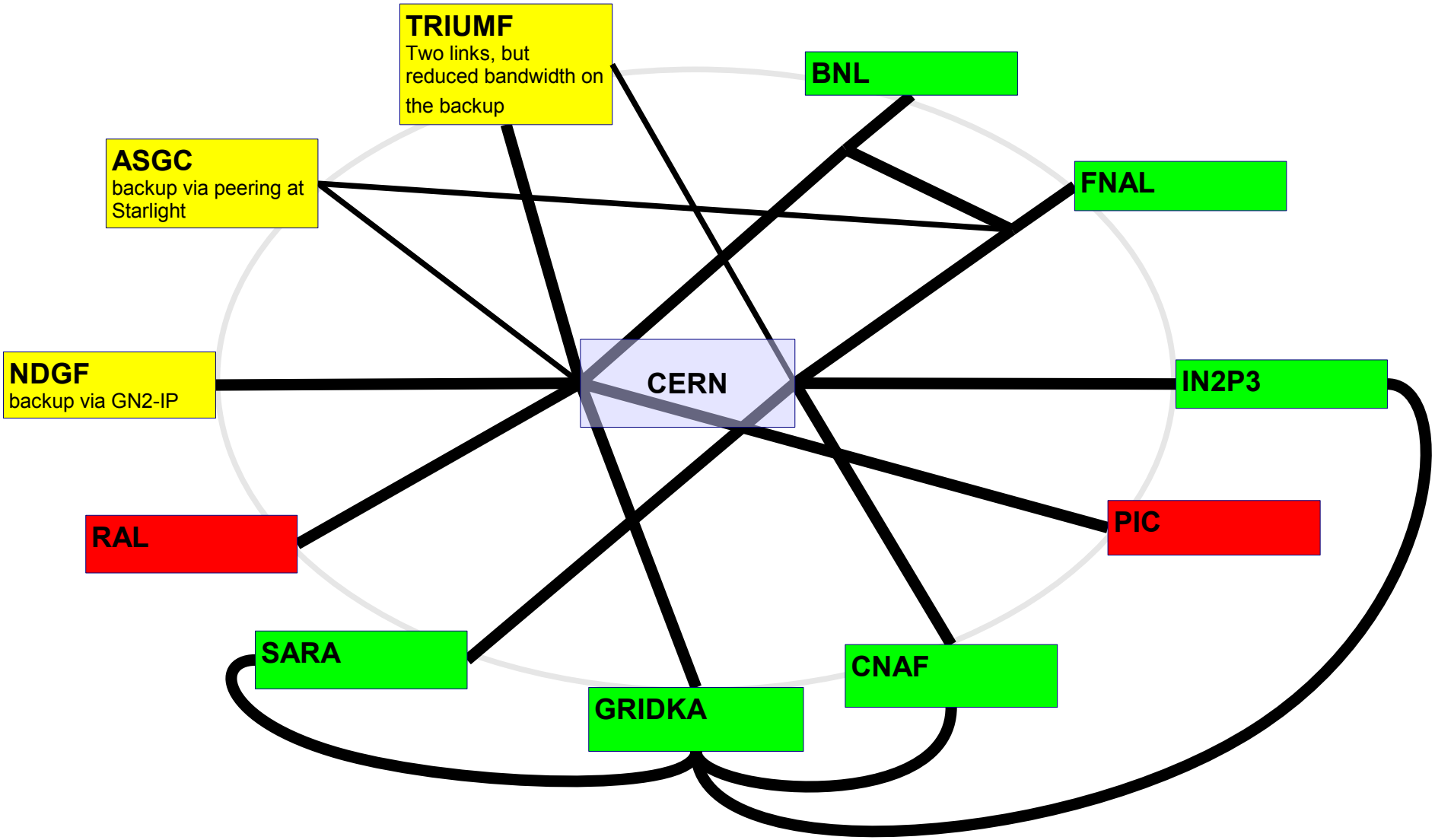
On-hold

NDGF: still not directly connected to the LHCOPN. Nordunet will build and manage an OPN for the NDGF sites. The routers for the NDGF-OPN have already been ordered.

LHCOPN Status



Backup status



= No backup = Good backup = Weak backup

Backup via generic IP connectivity

At the moment, if a T1 prefix disappear from the T0's BGP routing table, the traffic to such prefix follows the default route, i.e. generic IP connectivity (GN2, Esnet...)

If a Tier1 wishes the Tier0 to take any action to avoid this, please tell.

LHCOPN

network element plan

L3 devices in the LHCOPN