3GPP TSG CN#6

13 – 17 December 99

Nice

Tdoc NP-99 531

Source: Nortel Networks

Subject: Draft Liaison on Turbocharger

From: CN Plenary

To: S2

CN plenary have discussed the attached feasibility study on the "turbocharger" concept (23.913 v1.0.0 – NP99457) developed by N1. The conclusion of the report is that "turbocharger" is not suitable for inclusion in release 99 due to lack of time. It should also be noted that turbocharger has a number of disadvantages in the release 99 architecture which has limited support for this concept.

In release 00 new architectural options will be introduced in the core network. These include "distributed" call control based on "call servers" and "gateways". In these distributed architectures many of the disadvantages of turbocharger identified in the current report do not apply.

As part of their R00 work on new architectural options S2 are asked to include consideration of "turbocharger" and other load distribution techniques in their discussions. CN will also discuss these aspects in their work on R00.

CN plenary has agreed a time-table so that a clear position on turbocharger for R00 can be achieved early in the release. The first objective is to have a stable and consensus view on whether to include turbocharger in R00 at the spring 2000 TSG meeting. If this is not achieved then a final decision will be made at the summer TSG by voting if necessary. S2 are asked to provide input aligned with this timetable.