

COMPUTER AIDED PLANNING AND DIMENSIONING OF THE SIGNALLING NETWORK

Main tasks of Signalling Network Planning:

- •Determination/optimization of the Signalling Network Structure
- •Determination of an optimised design of the routing data of each signalling point (Routing of Signalling Traffic)
- •Dimensioning of the signalling link Set under consideration of network failures (failed route sets and Signalling points)
- •Determination of Signalling Network Performance

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•For Signalling Networks with more than 10 SP's/STP's the planning and dimensioning tasks can only be reasonably achieved by using computer aided planning and dimensioning

•Therefore a tool is required by means of which an optimized Signalling Network Planning can be realized by iterative steps

•Major Benefits

- Stability and efficiency of signalling networks
- Respect to routing and dimensioning
- Solving the problematic of complexity of the CCSS7

routing tables.

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Example of Planning Tool may fulfill the following requirements:
<u>Hardware</u>:
Powerful PC or Work Station
Color screen
Key board and mouse input
Simple printer and graphic printer or plotter

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