

CEPT

Doc Temp 15

Telecommunications Commission

Vienna, 14-25 juin 1982

Source : Denmark, Finland, Iceland, Norway and Sweden.

Title : Public Mobile Communications System in the 900 MHz band.

The Nordic Administrations strongly agree with the point of views expressed by the Dutch Administration in Doc Temp 11. However, the development of specifications for a European automatic mobile radio system is indeed a complex and difficult task which requires a firm and strong coordination and management of the work. For this reason the Nordic Administrations propose that the total responsibility for progress and coordination of the specification task should be left to a Group of Experts, reporting regularly directly to the T-Commission. A first status report should be submitted to the next T-Commission meeting.

This Group should be formed by experts on land mobile radiocommunication representing different technical areas involved. The Group shall have the possibility to call for experts from different CEPT committees and also to request for studies to be conducted by different CEPT Committees and WGs. The terms of reference of this Group should be to specify a european public automatic radio service operating in the 900 MHz radio frequency band to be introduced in the 1990s. It should be endeavoured to apply the most advanced techniques so that an attractive public service at reasonable cost can be created. Some of its characteristics might be :

- fully automatic traffic handling, whatever the location of the mobile station
- location registration for roaming purposes
- switching call-in-progress
- high degree of frequency efficiency

- where necessary, small-cell structure
- digital speech transmission
- data transmission
- privacy by means of scrambling
- various facilities comparable with those of the Public Switched Telecommunication Network (ISDN)