

# Report on T1P1 Subcommittee

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## Introduction

- T1P1 was approved by the T1 and T1AG committees in October of 1990
- The first meeting was held in October 1990
- The second meeting was held in December 17, 18, 1990
- The objectives of the second meeting were to:
  - Agree on mission and scope of this new subcommittee
  - Define the overall structure of the subcommittee
  - Define required liaisons
  - Refine the definition of the first proposed project, Universal Personal Telecommunications (UPT)

## T1P1 Subcommittee Mission and Scope

- To provide *systems engineering, standards planning, and program management* for selected projects that involve multiple technical subcommittees
- *Systems engineering* is defined as service description, system architecture, system objectives, reference models, definitions, and frameworks for CCITT/CCIR contributions
- *Standards planning* is determining what new standards are required, what relevant fora they would be developed in, and the objectives and milestones for the new standards
- *Program management* includes negotiating responsibility for standards development, monitoring progress, facilitating liaison with other fora, and leading external liaisons.

## Required Liaisons

- US National Committee for CCITT
- US National Committee for CCIR
- TIA/EIA TR 45
- ~~ESTI~~ NA 7.  
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## Proposed T1P1 Structure

- Three groups performing the following functions
- Systems engineering for Wireless Access and Terminal mobility
- Systems engineering for Personal Communications including services and network aspects
- Program management as defined previously

## Universal Personal Communications (UPT)

- UPT is the first project of the T1P1 subcommittee
- UPT enables a user to access network services whether fixed or on the move
- The user can move across different networks both public and private, including the Public Switched Network (PSTN), ISDN, and cellular radio networks
- He can use any terminal, fixed, movable, or mobile

## Personal Telecommunications Number (PTN)

- Each user is identified by a Personal Telecommunications Number (PTN)
- A user may have multiple PTNs, for example one for business use and one for private use
- The network will be able to locate the user based on his PTNs for purpose of addressing, routing, and charging of the user's calls.

## Purpose of the UPT Project

- To perform systems engineering, standards planning, and program management for UPT including...
- Generation of high level service descriptions
- Development fo architectural standards
- Identification of other needed standards
- Development of a framework for the other needed standards
- Program management for the development of the standards.