

FAILURE RECOVERY OF HLR IN POINTER-FORWARDING ENVIRONMENT

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ABSTRACT

THIS PAPER STUDIES THE POINTER FORWARDING SCHEME FOR MOBILITY IN PERSONAL COMMUNICATION SERVICES(PCS) NETWORKS. IN POINTER FORWARDING ENVIRONMENT, WE PROPOSE AN HLR RECOVERY STRATEGY IN WHICH THE RECLAMATION OF OBSOLETE POINTERS IS CONCERNED. THE FAILURE RECOVERY OF HLR DOES NOT REQUIRE THE USE OF WIRELESS BANDWIDTH DURING THE RECOVERY PROCESS AND HAS A BOUNDED RECOVERY PERIOD.

Keywords : PCS, LOCATION MANAGEMENT, POINTER FORWARDING SCHEME, HLR RECOVERY

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