

ABSTRACT

These days system application of cellular communications claimed to can to give the integrated service of voice and data. Voice and data services use the finite resource concurrently. On that account, standard QoS is very importance to determine the system performance. strategy Handoff of cellular system play a part important in determining system performance. Strategy which is often used is priority handoff, where handoff call more given high priority to be served to be compared to a new call. This method is used to lessen the failure of call handoff at one particular cell. But in this one method side also will cause the happening of increase of new probabilitas blocking call

In this final project analysed the performance from guard channal and queue priority handoff evaluated from new probabilitas blocking call and probabilitas of failure of call handoff, and also influence of some other variable among other things mean of speed of movement MS, cell dimensions old mean and [of] channal occupying of cell applying method of priority of handoff of scheme of channal of guard and queue evaluated from new probabilitas bloking call, probabilitas drop handoff and mean of delay of data packet.

From calculation result and analyse got applying of method of guard channal and queue priority scheme at one particular cell can degrade the probabilitas of failure of call handoff. New call blocking probability is got to experience of the increase. Queue method give bigger influence compared to method of guard channal., others end result this research is seeing major effect of channal which channel allocation for the data of to delay of data packet. Where degradation delay which signifikan got [by] when to the number of channel traffic for data and improved despitefully the make-up only a few influence the GOS system