

ABSTRACT

A METHOD FOR REGISTERING TRAFFIC DATA
IN A TELECOMMUNICATION SYSTEM

A method for registering traffic data from mobile stations (MS1, MS2) in a mobile telecommunication system (PLMN). The mobile telecommunication system includes mobile switching centres (MSC1, MSC2) and connected with these, base station controllers (BSC1-BSC4), so-called primary- and secondary base station controllers. Base stations (BTS) are connected to the base station controllers, each base station (BTS) covering a cell (CELL) and each base station controller (BSC1-BSC4) thereby covering a cell area containing several cells. Traffic data from a selected mobile (MS2) is stored in the primary base station controller of the mobile. A known problem is that registration of traffic data ceases at the same time the mobile leaves the cell area controlled by the primary base station controller. According to the present invention, a message "trace invocation" is sent from the primary base station controller to the secondary base station controller, via the mobile switching centre (MSC2), when the mobile moves to a cell handled by the secondary base station controller (BSC4). Registration of traffic data is thereafter effected in the secondary base station controller (BSC4).

(Figure 1)

This Sheet Has Been Replaced

