FRAME PHASE SYNCHRONOUS SYSTEM AND A METHOD THEREOF

ABSTRACT

A frame phase synchronous system is disclosed. A relay node (1) measures the frame phase difference with respect to other relay nodes and obtains an optimum shift value as a first shift value, which is used for adjusting the phase synchronous in the relay node (1) and for notifying a switching node (2) connected as a slave. The switching node (2) measures the frame phase difference with respect to said host relay node (1) and the frame phase difference with respect to a base station node (3) as the slave, and obtains a second shift value by adding the first shift value to a shift value derived from the measured frame phase difference with respect to the host relay node (1), and also obtains a third shift value by adding the second shift value to a shift value derived from the measured frame phase difference with respect to the base station node (3).

FIG 5