

According to the present invention, a line unit is proposed for a telemechanics system in which data communication is performed in the half-duplex mode, with time division multiplex of signals, via a two-wire communication line. The data communication system has a radial configuration. The proposed line unit provides for improving functional capabilities of the telemechanics system due to employing additional diagnostics elements, with corresponding links between these elements, designed for individual detection of malfunctions in the system monitored station as well as open-circuits and short-circuits in the communication line. The control unit contained in the line unit forms signals for controlling corresponding switching units that are used for forming monitoring circuits. Each of the switching units contains a normalizing resistor and an analog-to-digital converter. In each monitoring circuit, a coded message is formed that provides for the possibility to determine a malfunction type as well as to detect a call for the controller services that is transmitted by the monitored station personnel. The possibility of diagnosing the telemechanics system elements and availability of telephone communication between the objects not depend on serviceability or unserviceability of the monitored station. The proposed line unit provides performing its operation functions in conditions when several monitored stations are connected to one common control station.