

advise *v* — советовать

choose (chose, chosen) *v* — выбирать

drive (drove, driven) *v* — вести (поезд,
машину)

gatherer *n* — составитель (поездов)

movement *n* — движение

processing *n* — обработка

purpose *n* — цель

reduce *v* — уменьшать

route *n* — маршрут

take over *v* — принимать

traffic *n* — движение; транспорт

An automatic train operation system is being developed in our country. It will make possible to control and regulate train traffic on all railways. This system is being formed on the basis of computer centres which exist on each of the country's railway lines.

The purpose of the traffic control system based on electronics is to make easier the work of traffic controllers who direct the movement of trains on the most intensive lines. The computer will give the controller the full information on the conditions on the line, model all the processes on the route and advise him what he should do to improve the situation. The computer will advise the drivers with which speed they should drive trains on each sector of the route.

The computer system will help train gatherers in their work. It is only now, in the computer age, that it has become possible to choose the necessary variants of train formation automatically. The new method will double the speed of train processing and make the work of railway-men easier.

In the future it is planned to automate train driving as well. The computer will take over driver's functions, making it possible to considerably reduce the intervals of train movement.