Explain for Other Equipment

1. Base Station System

1) Automatic Train Supervision (ATS)

ATS is a part of Signalling System. The ATS Supervise for Train Location,
Train Route and Train Status including any alarm.

2) Main Data Transmission Equipment (MDTE)

The MDTE control for data communication between ATS and the vehicle.

This equipment has a CPU and controls HX-68C Radio Equipment. It also
has an RS422 interface with the ATS for communication. MDTE receives
the vehicle status data and the vehicle non-vital alarm from the vehicle
and send them to the ATS. MDTE also receives the non-vital command
data from the ATS and send them to the vehicle.

3) Main Communication Controller (MCC)

The MCC control for voice communication between Control Staff and
the passenger in vehicles. This equipment has a CPU and controls
HX-68C Radio Equipment.

4) Communication Control Panel (CCP)

This equipment is man — machine interface. This equipment is used for
Control Staff. This panel operates for voice communication between
Control Staff and the passenger in vehicles.

2. Mobile System in Vehicle

1) Monitoring Device (MD)

This MD collect for equipment status data from each installed equipment
in vehicle, and these date transmit to VDTE. And MD receive for
command data from VDTE and transmit to equipment for this command
data.

2) Vehicle Data Transmission Equipment (VDTE)

The VDTE controls the data communication between the ATS and each
vehicle, and transmit to MD for command data and receive for
status data.

This equipment has a CPU and also controls the HX-68V Radio
Equipment, and is equipped with an RS422 Interface, DC24V Dry
Contact Interface to the Monitoring Device.

3) Vehicle Communication Controller (VCC)

This controller executes and manages the automatic announcements
and

live announcements from the Control Staff for the On-Board PA,
and the

automatic indications of On-Board PID.

4) Intercom

This Intercom is used for Two- way Voice Communication between
Control Staff and passengers in each compartment of the vehicle.
This

Intercom has Microphone and

Speaker unit.

5) On-Board Passenger Information Display (On-Board PID)

This On-Board PID indicates Traffic Information or other
information in

 vehicle by LED.

6) On-Board Speaker

This On-Board Speaker announces the automatic announcement and
live announcement from Control Staff.