

3. Special testing of exchange equipment particularly inter exchange junctions is being undertaken to improve inter-exchange working.
4. Working of air-conditioning plants in various exchanges is being regularly monitored to ensure proper working.
5. Laying of new junction, primary, junction cables in ducts to protect them from external damages.
6. Pressurization of primary, secondary and junction cables to minimise cable breakdown faults.
7. Use of jelly filled cables in the distribution network to prevent entry of water in the cables to avoid faults.
8. 6 Cable trenches are being flooded before being closed so as to detect any damage during trenching or laying of the cables. The public is being asked to inform Telephone Department before they take up digging on 'dial before dig' service so as to keep liaison with other agencies who are engaged in digging.
9. Extensive patrolling of cable routes to detect any digging operations and to take precautionary measures to avoid damage to cables.
10. Provision of high grade junction circuits on Pulse Code Modulation, coaxial and microwave media to provide better quality and more dependable service.
11. Rehabilitation of subscriber's fittings and the D.P. boxes to minimise faults on the line.
12. Replacement of overhead wires by insulated drop wires to avoid faults due to kite strings, birds nests etc. which lead to contact or low insulation faults.
13. Use of improved telephone instruments.
14. Replacement of aluminium wires in the fittings at the subscribers to premises by copper wires to avoid break faults.
15. Computerisation of cable records and faults repair service to bring down duration of faults.
16. Computerisation of Directory Assistance (179) service and records.
17. Computerisation operator assisted (180) trunk services.
18. Monitoring of the automanual service and trunk service is being carried out so as to ensure prompt response on these services.
19. Public grievance cells have been opened at GMs headquarters and AMS offices to provide single outlet attention to the subscribers.
20. Four SPC Tax at Bombay, Calcutta, Delhi and Madras have been introduced in the network to improve STD services. Some more digital TAXs are planned to be installed during this plan period to improve STD services in other areas.
21. Satellite communication is being introduced gradually as a media of extension of remote areas communication as a back up to the terrestrial media.
22. Proposal to connect all district headquarters and exchanges beyond 1000 lines to their state headquarters through high quality transmission media.
  - (b) No, Sir. The system is working satisfactorily everywhere
  - (c) Does not arise.

#### Opening of New Telephone Exchanges and Post Offices in Rajkot District

421. SHRIMATI PATEL RAMABEN RAMJIBHAI MAVANI : Will the Minister of COMMUNICATIONS be pleased to state :

(a) whether Telephone Exchanges and Post Offices have been opened in various areas of Rajkot, Gondal, Morobi, Jetpur, Dhoraji and other places in Rajkot district during 1st January 1982 to 30th September 1985;

- (b) if so, the details thereof;
- (c) the amount spent during this period on each one;
- (d) the plans, projects and estimates of each one; and
- (e) the reasons of delays in carrying out the above plans, projects and estimates in time ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA) : (a) Yes, Sir.

(b) The information is given at statement I below.

(c) The amount spent for

(i) Telephone Exchanges is Rs. 19,61,918.

(ii) Post Offices is Rs. 1,27,615.

(d) The information is given at statement II below.

(e) The reasons of delays in carrying out plans is non availability of exchange buildings.

#### Statement-I

*List of Telephone Exchanges and Post Offices Opened in Various Areas of Rajkot, Gondal, Jetpur, Dhoraj etc. in Rajkot District during 1-1-82*  
30-9-85

#### Telephone Exchanges

1. Pithwo
2. Mahika
3. Moviya
4. Vadasar
5. Sarapdad
6. Newknam
7. Anida
8. Shivrajgadh
9. Sindhvadar
10. Vavana
11. Khajurda
12. Chitravad

13. Sethvadala

14. Khirsar

15. Santhli

16. Jatparchhu

17. Tatapur

18. Amran

#### Post Offices

1. Samadhiala

2. Kankot

3. Hadmatia

4. Tarkia

5. Manharplot TSO

6. Malanka

7. Gadhadia

#### Statement-II

*The Plans Projects and Estimates Concerning Telephone Exchanges*

1. 5,000 lines Japanese type exchange is scheduled to be commissioned at Rajkot during this year.

2. Additional 5,000 lines are likely to be added by 1987.

3. Project estimates for Conversion of manual exchanges in to auto at Gondal, Jetpur, Dhoraji and Upleta area already sanctioned.

4. Project estimate for conversion of MAX-II at Morbi into MAX-I Sanctioned.

#### Clash between Police and Telecommunication Employees in Calicut

422. SHRI MULLAPPALLY RAMACHANDRAN : Will the Minister of COMMUNICATIONS be pleased to state :

(a) whether Government are aware of the clash between Police and Telecommunication employees in Calicut in August, 1985;

(b) whether the Union Government have made an enquiry into the causes behind the incident, if so, the findings thereof;

(c) the extent of loss caused to the Communication Department due to the