

(c) if so, the details in this regard ?

THE MINISTER OF STATE IN THE MINISTRY OF INDUSTRY AND COMPANY AFFAIRS AND IN THE MINISTRY OF HOME AFFAIRS (SHRI ARIF MOHAMMAD KHAN) : (a) Committees constituted by the Govt. to formulate plans for technological upgradation of tractors and engines are expected to submit its report shortly.

(b) No specific complaints have been received from the users regarding the quality of tractors and diesel engines.

(c) Does not arise.

[English]

#### Wireless Communication Service

4153. SHRI ANANDA PATHAK : Will the Minister of COMMUNICATIONS be pleased to state :

(a) what are the difficulties in allowing the installation of wireless communication within a frequency band to prepare for the great leap into 21st century and introducing Mobile Phones ;

(b) the number of backward areas where industries are proposed to be set up and the Government are giving financial concessions for the same but telephone facilities do not exist there ; and

(c) whether the liberal use of wireless communication will help the development of the backward areas ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA) : (a) There are no major technical difficulties in this matter. However there are limitations due to inadequate resources.

(b) Whenever timely advance intimation is given by the industries and firm demands are placed, Department does provide telephone facilities. However here again resource constraints will come in the way of providing the facilities in the required quantities in time.

(c) Each backward area requires its own engineering solution. In some areas radio communication will help.

#### Opening of Telephone and Communication Equipment Factory at Howrah

4154. SHRI PRIYA RANJAN DAS MUNSI : Will the Minister of COMMUNICATIONS be pleased to state :

(a) whether his Ministry propose to open a telephone and communication equipment factory at Howrah, during the Seventh Plan for having the best skilled labour and better infrastructure in that zone ;

(b) if so, when Government will proceed ; and

(c) if not, the reasons thereof ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA) : (a) to (c) The location for setting up of the third and subsequent digital electronic switching factories can be considered after the necessary inputs have been provided by the National Centre for Development of Telematics for an Indigenous Electronics Switching System, which are likely to be available towards the end of 1986-87. It would, therefore, be premature at this stage to decide on the location of these factories.

#### Telex Lines and Telephone Exchanges with French Assistance

4155. PROF. NARAIN CHAND PARASHAR : Will the Minister of COMMUNICATIONS be pleased to refer to the reply given to Starred Question No. 6 on 23rd July, 1985 regarding telex lines and telephone exchanges with French Assistance and state :

(a) the names of the stations for which 23 electronic and 15 Trunk Automatic Exchange have been sanctioned Circle-wise ;

(b) the names of the places where some of these have been actually installed along-with dates of installation, Circle-wise ;

(c) the names of the remaining places, Circle-wise where they have been planned for installation and the likely date by which they would be (i) imported (ii) installed and (iii) commissioned ; and

(d) the reasons for delay ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA) : (a) (i) The names of the stations where 23 local Digital Exchanges have been sanctioned are given below :

S. No.	Name of the station	No of exchange	Name of Circle.
1.	Bombay	7	Bombay Telephone District
2.	Calcutta	4	Calcutta Telephone District
3.	Delhi	5	Delhi Telephone District
4.	Madras	2	Madras Telephone District
5.	Ahmedabad	1	Ahmedabad Telephone Distt.
6.	Hyderabad	1	Hyderabad Telephone District
7.	Kanpur	1	Kanpur Telephone District
8.	Pathankot	1	North West Circle
9.	Sriganganagar	1	Rajasthan Circle

(ii) E-10 B Trunk Automatic Exchanges have been sanctioned at 16 places as indicated below :

Sl. No.	Name of the Station		Name of the Circle
1.	Agra	)	
2.	Varanasi	)	U.P. Circle.
3.	Lucknow	)	
4.	Jalandhar	)	
5.	Ludhiana	)	North-West Circle
6.	Pune		Pune Telephone Distt.
7.	Trichy		Tamil Nadu Circle
8.	Rajkot	)	
9.	Surat	)	Gujarat Circle
10.	Vishakhapatnam		Andhra Pradesh Circle
11.	Cuttack		Orissa Circle
12.	Jodhpur		Rajasthan Circle
13.	Bangalore		Bangalore Telephone Distt.
14.	Ranchi		Bihar Circle
15.	Raipur	)	Madhya Pradesh
16.	Bhopal	)	

(b) (i) The following local E-10B exchanges have been commissioned:

Sl. No.	Name of Exchange	Date of Commissioning	Name of Circle
1.	Bombay Worli III	10.4.1985	Bombay Telephone District
2.	Kanpur Lajpatnagar (5000 lines main)	4.7.1985	Kanpur Telephone District

(ii) None of the Trunk Automatic exchanges has been installed so far.

(c) The following is the list of remaining local E-10 B exchanges which have been planned. The equipment for all these exchanges has already been imported and is available on sites. Most of these exchanges are under installation and the tentative year of commissioning is given against each :

Sl. No.	Name of Exchange	Circle	Year of Import	Whether installation commenced	Likely year of commissioning
1.	Bombay-Wadala II	Bombay Telephone District	Already imported	Yes	1985-86
2.	Bombay-Ghatkopar	"	"	Yes	-do-
3.	Bombay-Marol III (Local)	"	"	Yes	-do-
4.	Bombay-Marol Tandem	"	"	Yes	-do-
5.	Bombay-Cooperage V	"	"	Yes	1986-87
6.	Bombay-Khar III	"	"	No	1986-87
7.	Calcutta Central I	Calcutta Telephone District	"	Yes	1986-87
8.	Calcutta Central II	"	"	"	1985-86
9.	Calcutya Telephone Bhawan	"	"	Yes	1986-87
10.	Calcutta-Cossipore Tandem	"	"	No	1986-87
11.	Delhi-Karolbagh Tandem	Delhi Telephone District	Already imported	Yes	1985-86
12.	Delhi-Rajauri-garden	"	"	Yes	1986-87
13.	Delhi-Shaktinagar	"	"	No	1986-87
14.	Delhi-Okhla	"	"	No	-do-
15.	Delhi-Shahadra South	"	"	No	-do-
16.	Madras-Anna Road Tandem	Madras Telephone District	"	Yes	-do-
17.	Madras-Flower Bazar (Tax Building)	"	"	Yes	1985-86

18.	Ahmedabad-Railway pura IV	Ahmedabad Telephone District	..	Yes	1985-86
19.	Hyderabad-SAIFABAD	Hyderabad Telephone District	..	Yes	1985-86
20.	Pathankot	North-West Circle	..	Yes	1985-86
21.	Sriganganagar	Rajasthan Circle	..	Yes	1985-86
21. (a)	Kanpur (5000 lines RLU)	Kanpur Telephone District	..	Yes	1985-86

(ii) The names of the Trunk Automatic Exchanges which have been planned is given below. The likely year of delivery of the equipment and the tentative year of commissioning is given against each :

Sl. No.	Name of TAX	Name of Circle	Likely year of delivery of equipment	Likely Commissioning target
1.	Agra	U.P.	1985-86	1986-87
2.	Varanasi	..	1986-87	1987-88
3.	Lucknow	..	1985-86	1986-87
4.	Jalandhar	North West Circle	1985-86	1986-87
5.	Ludhiana	..	1986-87	1987-88
6.	Pune	Pune Telephone District	1985-86	1986-87
7.	Trichy	Tamil Nadu Circle	1985-86	1986-87
8.	Rajkot	Gujarat Circle	1986-87	1987-88
9.	Surat	..	1986-87	1987-88
10.	Vishakhapatnam	Andhra Pradesh Circle	1986-87	1987-88
11.	Cuttack	Orissa Circle	1986-87	1987-88
12.	Jodhpur	Rajasthan Circle	1986-87	1987-88
13.	Bangalore	Bangalore Telephone District	1986-87	1987-88
14.	Ranchi	Bihar Circle	1986-87	1987-88
15.	Raipur	Madhya Pradesh Circle	1986-87	1987-88
16.	Bhopal	..	1986-87	1987-88

(d) The following are the main reasons for delay :

- (1) Delay in the completion of the buildings and special environmental conditions required for E-10 B exchanges.
- (2) The delay in the commissioning of E-10-B exchanges for the first time in the country at Worli-III Bombay. Since E-10 B system was introduced for the first time in the country at Worli, it was subjected to stringent acceptance tests and validation tests in order to ensure its smooth adaptation in the network for good performance/service to the subscribers. During the tests, a number of technical problems were encountered and sorted out by incorporating appropriate modifications. After completing the modifications, Worli III exchange was commissioned in April, 1985. The other exchanges are being commissioned progressively making optimum use of the limited number the installation teams, tools and tester.
- (3) Delay due to the installation of the PCM systems and building up of the junction network.

#### Shortage of Stores and Line Equipment in North-Western Circle

4156. PROF. NARAIN CHAND PARASHAR : Will the Minister of COMMUNICATIONS be pleased to state :

(a) whether there was acute shortage of stores and line equipment which are so essential for the installation of telecom. facilities

(b) if so, the reasons therefor and the exact stores allocated to the Telegraph Engineering Division and Phones Division in North West Telecom. Circle since 1.4.1985 till date ; and

(c) the steps taken for overcoming the shortage and provide necessary stores for completing the projects stalled on this score or not taken up on this ground ?

THE MINISTER OF STATE OF THE MINISTRY OF COMMUNICATIONS (SHRI RAM NIWAS MIRDHA) : (a) There was no general shortage of stores and Line Materials except only GI Wires during 1984-85. The position, however, improved during the last quarter of the year.

(b) Shortage of GI Wires was due to non supply of the materials by some of the firms on whom orders were placed. The quantities of some of the major items of equipment and Lines and wires Stores allotted against I and II quarters of 1985-86. to North Western Telecom Circle and the quantities supplied during the period 1.4.85 to 31.7.85 division-wise is given in the statement below.

(c) The allotted quantities of stores are being supplied progressively. For North Western Telecom. Circle, arrangements have been made for early supply of GI Wires and stalks.