



# NCES



## Monthly Information Bulletin

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### 1. OBSERVATIONS

#### 1.1 C-DOT: Problem of Delay Dial Tone

It has come to the notice that due to improper equipage of MFC cards and MFC resources in BMs, subscribers are facing problem of delay in dial tone. This is also affecting the CCR of Exchanges.

To overcome this problem, C-DOT advised that field personnel should check the status of MFC cards and then check whether the distribution of MFC resources is proper or not. In case of line BM, no block in MFC should be equipped as MF sender or receiver i.e, all the MFC resources should be only DTMF. If the equipage is OK and the delay dial tone problem still persists, then give a soft start to that particular BM to resolve the issue.

It is therefore, impressed upon exchange in-charge to follow the procedure prescribed by C-DOT in case they notice the problem of delay in dial tone.

#### 1.2 RSU sites are not being maintained properly in BSNL network

During inspection of NT exchanges, it has been observed that the environmental conditions at RSU sites are not being maintained properly. Many RSU sites are found to be in dust laden condition with switch room temperature and relative humidity beyond prescribed limits. This happens as engine alternators at these sites are faulty most of the times due to their poor maintenance. So they can't be operated in case of power failure and door & windows are kept open to lower down the temperature of switch-room. In some sites, even the value of earth resistance is beyond permissible limits. Such dismal state of the environmental conditions, is the main cause of many operational problems and incidences of high failure, burning and damage of PCBs.

Therefore, Officers in-charge of all the exchanges should ensure proper environmental conditions at RSU sites like main exchanges.

## **2. ACTIVITIES CARRIED OUT DURING AUGUST 2013**

### **2.1. CDOT TECHNOLOGY**

#### **✦ INSPECTION**

Inspection of following CDOT exchanges was carried out during August 2013:

**South Zone:** Avinasi, Cheyur, Udumalpet, Valavadi, Papanasam, Ayyampettai, Thiruvarur, Thiruvarur-L, Thiruvarur North Street, Thiruthuraipoondi, Vilakkudi.

**West Zone:** Parabhani, Parbhani TDM, Basmath, Gangakhed, Hingoli, Jintor, Kalamnuri, Sallu.

#### **✦ SUPPORT EXTENDED BY C-DOT ORGANISATION**

Software for C-DOT Switches has been prepared by C-DOT and provided on Deliverable Media (Cartridges / EPROMs): Nil during August 2013.

- **CORRECTIVE MAINTENANCE**

- Problems Solved (Telephonically/ in writing) : 567
- Exchange Data Correction : 6

- **CRITICAL FIELD PROBLEMS**

Critical Field Problems were attended in the following C-DOT Exchanges during August 2013:

**South Zone:** Yelahanka (KTK) – 2 Visits, Kolar (KTK) – 2 Visits, Jayanagar (KTK).

### **2.2. NEW TECHNOLOGY**

#### **✦ INSPECTION**

Inspection of following New Technology Exchanges was carried out during August 2013:

**South Zone:**

- **5ESS:** Madhavaram, Lakshmipuram, Madhavaram Truck Terminal, Jawahar Nagar, Periyar Nagar, Haddows Road, Peters Road.
- **OCB-283:** Maduranthagam, Melmaruvathur, Valluvarkottam.
- **EWSD:** Chengalpattu, Anupuram, Kalpakkam Township, Tiruvallur, Manavalan Nagar, Virugambakkam, Moulivakkam, Coimbatore Ganapathy, Pappanayakkanpalayam, Sanganur.
- **AXE-10:** Korattur

**West Zone:**

- **EWSD:** Parabhani.

**East Zone:**

- **OCB-283:** Teratta Bazar, Central.
- **EWSD:** Russa.

**3 PLAN FOR SEPTEMBER 2013**

**3.1 INSPECTION**

**✦ C-DOT EXCHANGES**

Inspection of the following CDOT Exchanges has been planned for the month of September 2013:

**South Zone:** Kulithurai, Thucklay, Nagercoil, Dharapuram, Gopichettipalayam, Perundurai, Karaikkal, Myladuthurai, Nagapattinam, Sembanarkoil, Kasargod, Kallakurichi, Tindivanam, Kandasam Kadavu, Kodunganallur, Mala, Sultan Battery, Bangarpet, Kolar, Malur.

**West Zone:** Atpadi, Islampur1, Islampur2, Jath, Kavathe Mahankal, Miraj, Shirala, Tasgaon, Vita.

## ✦ NEW TECHNOLOGY EXCHANGES

Inspection of the following New Technology Exchanges has been planned for the month of September 2013:

### East Zone:

- **OCB-283:** Alipore, SOT (Kalighat).
- **EWSD:** Burra Bazar, Saltlake.

### South Zone:

- **OCB-283:** Kasargod, Kannur, Cuddalore, Badagara, Anna Road Tandem, Anna Road Local, Flower Bazar OCB RSU: Kalmandapam, Kellys OCB RSU: Ram Nagar.
- **EWSD:** Nagercoil, Chrompet EWSD RSU: Gowrivakkam, Radha Nagar.
- **5ESS:** Badagara, Madhavaram 5ESS RSU: Thiruvika Nagar, Kannadasan Nagar.
- **AXE-10:** Anna Nagar AXE RSU: Ambattur OT

### West Zone:

- **EWSD:** Sangli TAX.
- **OCB-283:** Sangli Local I&II.



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**CIRCLE WISE DETAIL OF SUPPORT EXTENDED BY C-DOT  
ORGANIZATION DURING August 2013**

S.N.	Telecom Circle	C1	C2	C3	C4	C5	C6	C7
1	A & N	2						
2	Andhra Pradesh	56		2				
3	Assam							
4	Bihar	5						
5	Chhattisgarh	15						
6	Gujarat	34		1				
7	Haryana	36						
8	Himachal Pradesh	17						
9	J & K	7						
10	Jharkhand	6						
11	Karnataka	62	9	2				5
12	Kerala	2	1					
13	Madhya Pradesh	52						
14	Maharashtra	43						
15	NE-I (Shillong)	8						
16	NE-II (Dimapur)	2						
17	Orissa	5						
18	Punjab	42						
19	Rajasthan	47						
20	Tamil Nadu	27						
21	UP - East	59		1				
22	UP - West	30						
23	Uttarakhand	8	1					
24	West Bengal							
	<b>Total</b>	<b>567</b>	<b>11</b>	<b>6</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>5</b>

C1	Problems Solved (Telephonically/ In-writing)	<b>567</b>
C2	Site Visit	<b>11</b>
C3	Exchange Data Correction	<b>6</b>
C4	Engineering Change Note (ECN) Implementation	<b>Nil</b>
C5	Software Retrofits	<b>Nil</b>
C6	Deliverable Media Preparation (Cartridges/ EPROMs)	<b>Nil</b>
C7	Critical Field Problems	<b>5</b>

## **Maintenance support philosophy for landline Exchanges in BSNL network**

### **✦ New Technology Exchanges i.e. OCB-283, EWSD, AXE-10 and 5ESS**

- AMC for hardware and software support with vendors: Alcatel-Lucent, ITI Ltd., Nokia-Siemens and Ericsson.
- The AMC includes tele-assistance, on-site assistance, PCB repairing, computer terminal repairing, MTU repairing, racks inter-connecting cables repairing, software upgradation etc.
- Nodal officer in circle/ region: PGMs/ GMs/ DGMs in Circle office
- Reference:
  - No. 43-1/2004-PHM/Vol. III dated 20.05.2005
  - No. 117-03/2004-MMD/Vol.III dated 11.03.2008
  - No.43-10-2012/NWO-CFA-MSE dated 11.06.2012
  - No.43-1/2012/NWO-CFA-MSE dated 24.08.2012

### **✦ C-DOT Exchanges**

- Software support: MoU with C-DOT comprising tele-assistance and on-site assistance
- References:
  - No. 36-2/2006-PHM dated 23.05.2007
  - No. 36-2/2005-PHM-MSE dated 23.05.2008
  - No. 36-2/2005-PHM-MSE dated 30.05.2008
  - No. 36-1/2011-PHM-MSE dated 21.12.2011
- Hardware support: the field units should get the C-DOT PCBs repaired through following manner:
  - Through in-house repair centers
  - Through tender at circle level from authorized manufacturers
- Reference:
  - No. 36-3/2004-PHM dated 22.03.2005
  - No. ND/NCES/32-1/Vol.V/61 dated 02.01.2009
  - No. 36-4/2008-PHM-MSE dated 04.04.2012

### **✦ E10B Exchange**

- Hardware support: the faulty E10B PCBs shall be got repaired through Annual repair contract through ITI Ltd. only.
- References:
  - No. 19-11/2006-PHM/MSE dated 19.06.2007
  - No. ND/NCES/8-3/PNC/Vol. V/53 dated 23.06.2007
  - No. ND/NCES/8-3/PNC/Vol.VI/30/1481 dated 31.10.2009
  - No. ND/NCES/8-3/PNC/Vol.VII/5 dated 15.01.2013

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