

मानक आवश्यकताएँ

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मानक डाटा डिक्शनरी

STANDARD DATA DICTIONARY

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FOREWORD

Telecommunication Engineering Centre(TEC) functions under Department of Telecommunications (DOT), Government of India. Its activities include:

- Issue of Generic Requirements (GR), Interface Requirements (IR), Service Requirements (SR), Essential Requirements (ER) and Standards for Telecom Products and Services
- Field evaluation of products and Systems
- National Fundamental Plans
- Support to DOT on technology issues
- Testing & Certification of Telecom products

For the purpose of testing, four Regional Telecom Engineering Centers (RTECs) have been established which are located at New Delhi, Bangalore, Mumbai, and Kolkata.

ABSTRACT

Different telecom applications, deployed in Telecom service providers' networks have been developed either inhouse or through vendors at various sites. The evolution of these computerised applications have taken place as per the needs and requirements of these service providers over a period of time. One often comes across the data type mismatch, width differences, data items missing, etc., between various customer application packages making the interfacing difficult. Hence, an integrated approach to the whole problem is required to facilitate the unified data structure, interfacing of Telecom application packages and to ensure data integrity so that the data once fed can be transferred electronically across the applications/packages.

Thus there is a need and necessity of a uniform data dictionary for different Customer Applications. The integrated approach will not only ensure that all the applications will have uniform data structure but also help in easy interfacing between these packages. It ensures the database integrity as the data is fed only once and the same can be transferred electronically to all the other packages.

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HISTORY SHEET

<i>S.No.</i>	<i>GR No.</i>	<i>Title</i>	<i>Remarks</i>
1.	SR/SDD01/01. MAR'2002	STANDARD FOR DATA DICTIONARY	1st edition
2.	TEC/SD/IT/SDD- 221/02/FEB-19	STANDARD FOR DATA DICTIONARY	2 nd edition

REFERENCES

<i>S.No.</i>	<i>Document No.</i>	<i>Title/Document Name</i>
[1]		
[2]		

(Note: All the quoted TEC GR/IR/Standards, ITU-T Standards, other standards, License/ Regulation/Order No. etc. are to be mentioned here)

CHAPTER-1

1.0 Introduction

Different telecom applications, deployed in Telecom service providers' networks have been developed by TRPs either in house or through vendors at various sites. The evolution of these computerised applications have taken place as per the needs and requirements of these service providers over a period of time. One often come across the data type mismatch, width differences, data items missing, etc., between various customer application packages making the interfacing difficult. It is to facilitate⁴ interfacing of packages & to ensure data integrity.

Thus there is a need and necessity of a uniform data dictionary for different Customer Applications. The integrated approach will not only ensure that all the applications will have uniform data structure but also help in easy interfacing between these packages. It ensures the database integrity as the data is fed only once and the same can be transferred electronically to all the other packages.

CHAPTER-2

2.0 Purpose and Usage

[Brief description of the product including its constituent functional blocks & architecture and typical deployment scenario of the product in the network]

The purpose of this specification is to lay out data dictionary for different customer application packages like, Commercial, Directory Enquiry (DQ), Fault Repair Services (FRS) and Telecom Revenue Accounting (TRA) CRMS, CRPS. The specification gives out the data items relevant to the subscriber's master databases in each of the packages. The data items which are to flow between different packages are also indicated in the table.

Care has been taken to normalise the data and present them as different tables wherever required same while preparing this data dictionary. Such of the data items which are to be used commonly by all the application packages and which can be stored as parameters are given separately in Annexure-1. For some of the tables, an exhaustive list of codes is described whereas for other cases, few examples have been suggested. The data dictionary itself is enclosed in Annexure-21.

It is emphasised at this stage that it is not necessary for the existing packages to change their data structure to suit that one which is given in this specification. On the other hand, what is required by each of such working application system is to develop a patch code so that it will be able to export and import the required data in the form required by the data dictionary structure.

The new applications which are hence going to be developed in future should be made to adhere to this data dictionary.

CHAPTER-3

3.0 Data Dictionary

The main originator of the subscriber's database is the subscriber application form. This specification is broadly designed with the latest application form issued by DOT.

These data are first entered into the computerised system in the Commercial Applications. To ensure the database integrity, there should be no more manual data input for the other application packages for the subscriber's master information and the data should flow electronically between different application packages. However, the main data transfer will be from the Commercial packages to the other packages.

In the data dictionary which is given below, care has been taken to maintain uniform data structure and parameters between different application packages so that the electronic data transfer can take place between different application packages smoothly, thus avoiding the manual refeeding of data at each of the packages. All the date pattern shall be in dd/mm/yyyy format for uniformity.

The Data dictionary is outlined as the master data for the following systems as mentioned below

- 3.1 Commercial system.
- 3.2 FRS system.
- 3.3 TRA system.
- 3.4 DQ system.

The data field of each is explained under the same heading. Some of the data items have reference to the tables listed in Annexure-1 (4.0), where all

tariff and master database related tables are outlined. Some of the tables in the Annexure-1 are required for the tariff calculations.

The data dictionary itself is given in Annexure-2 (5.0).

3.0.1 Usage of this data dictionary

The data dictionary is outlined with the design requirement of the customer packages in mind. The usage of the data dictionary can be best explained with an example.

Suppose one wants to find out the explanation for Type of Connection. He will first identify the item for this in Annexure-2 as Typ_Of_Con. He will then look for the reference section for this data item which is listed as 3.1.11. This section which is available in the Commercial master database where the definition of this data element is given. This section calls for a cross reference at Table No. 4.17 of Annexure-1 where the related information on different values of this field will be available. Thus the value of the Typ_Of_Con will be 1 if it is a permanent connection, 2 if it is a temporary connection, 3 if it is a casual connection, etc.

Thus given any data item, one will be able to easily trace and identify the data elements and their explanations from the data dictionary.

3.1 COMMERCIAL system

Master data base Structure of COMMERCIAL system:

Sl No	Field Name	Field Type	Field Width	Field Description	Data Flow	
					From	To
1	Uniq_Id_No	C	12	Uniquie Customer Number	Com	T, F, D
2	Wt_lst_No	N	6	Waitlisted Number	Com	
3	Wt_lst_Ext	N	3	Waitlist extension	Com	
4	App_Series	C	1	Application series of form	Com	
5	Appln_No	N	6	Application Number of form	Com	
6	Dt_Regn	D	8	Date of Registration	Com	
7	Exg_Code	C	3	Exchange Code	Com	T, F, D
8	Phone_No	N	7	Telephone Number	Com	T, F, D
9	Inst_type	C	5	Instrument type	Com	T, F

10	Name	C	60	Full Name of Subs	Com	T, F
11	Sug_Name	C	60	Suggested entry for DQ enquiry and printing	Com	D
12	F_H_Name	C	60	Father / Husband Name	Com	T
13	Rur_Urb	C	1	R-Rural U-Urban selection	Com	T, F, D
14	INST_Flat_no	C	4	Inst Flat Number	Com	T, F, D
15	INST_Door_no	C	10	Inst Door Number	Com	T, F, D
16	INST_Sub_Vil	C	20	Inst Sub-Loacality/Village	Com	T, F, D
17	INST_Apt_Bldg	C	20	Inst Aptment/Bldg Name	Com	T, F, D
18	INST_Rd_Str	C	30	Inst Road/Street Name	Com	T, F, D
19	INST_Area_Teh	C	20	Inst Tehsil/Area	Com	T, F, D
20	I_Cty_Dst	C	20	Inst City/Distt name	Com	T, F, D
21	INST_Pin_code	N	6	Inst Pincode	Com	T, F, D
22	INST_BILL_ADRSAME	*_YN	1	Inst Billing Adr.Same	Com	T
23	INST_CORR_ADRSAME	*_YN	1	Inst Corr. Address Same	Com	T
24	Dmd_Nt *_ISSUE	*_YN	1	Demand Note Issued Yes/No	Com	T
25	Adv_Nt *_ISSUE	*_YN	1	Advice Note Issued Yes/No	Com	T, F
26	Inst_Date	D	8	Date of Installation	Com	T, F, D
27	Rad_Dist	N	2 2	Radial Distance	Com	T, F
28	ADBLA	N	2 2	Aerial Dist beyond loc area	Com	T, F
29	Typ_Of_Con	C	1	Connection Type	Com	T, F, D
30	Class_Code	C	5	Class Code	Com	T
31	CAT_CODE	N	2	Category of Connection	Com	T
32	VIP_Code	L	1	VIP Code	Com	T, F
33	Usage_Code	C	1	Usage Code	Com	T
34	Rem_Exg	C	3	Reminding Exch.Code	Com	T
35	Rem_No	C	7	Reminding Telephone Number	Com	T
36	STD_REQD_YN	*_YN	1	STD required or not	Com	
37	ISD_Reqd	*_YN	1	ISD required or not	Com	
38	STD_Provd	*_YN	1	STD provided or not	Com	T, F
39	ISD_Provd	*_YN	1	ISD provided or not	Com	T, F
40	Org_abbr	C	10	Abbrvn of Organisation	Com	T, F, D
41	Dsc_Dt_DNP	D	8	Last DNP Disconn.date	Com	T, F, D
42	Rec_Dt_DNP	D	8	Last DNP Reconn. date	Com	T, F, D
43	Safe_Disdt	D	8	Last Safe custody discon dt.	Com	T
44	Safe_Rcdt	D	8	Last Safe custody recon dt.	Com	T
45	Guar_Expdt	D	8	Guarenty rent Expiry Date	Com	T
46	Status	C	1	Current Status	Com	T, F, D
47	Transfr_Cd	C	3	Transfer type code	Com	T
48	Acc_Det	*_YN	1	Accessory provided or not	Com	T
49	Dep_Det	*_YN	1	Deposit paid or not	Com	T
50	Prof_Code	C	3	Profession Code	Com	T, D
51	Govt_Code	N	1	Government Code	Com	T, F, D
52	TEL_D_S	C	1	Tel.Instt.: S-Subs,D-Deptt	Com	T, F
53	Wire_D_S	C	1	Wiring by : S-Subs,D-Deptt	Com	T, F
54	Tele_Oth	L	1	Other Telephones of Subs	Com	T, D
55	Partfm_Huf	C	1	H-HUF,P-Partnership Firm ,O-Others	Com	
56	Spec_Sign	Img		Specimen Signature	Com	
57	Liability	Img		Liability form	Com	
58	Nomintion	Img		Nomination by Individual In case HUF, and Partnership firm	Com	
59	Tel_No_Chg	*_YN	1	Telephone Number Change Yes / No	Com	
60	Name_Chg	*_YN	1	Name Change Yes / No	Com	
61	M_S_Exn	C	1	M-Main, S-Sub Jn,	Com	T
62	Amout_outsta	N	10	amount outstanding	T	
62	JE_Section	C	3	Section of outdoor JE	Com	F
63	EXCH_EQIP_CAP	N	10	Exchange equipt capacity	Com	T F D
64	EXCH_WKG_NO	N	10	working number in the exch	Com	T F D
65	Design_c	C	24	Desingation code	Com	F D

Abbrvn used

- Field type: C- Character. 2. Data Flow: Com : Commercial System.
N - Numeric. F : FRS System.


```

2 nd digit : Mutliplied by 3 =
3 rd digit : Mutliplied by 7 =
4 th digit : Mutliplied by 1 =
5 th digit : Mutliplied by 3 =
6 th digit : Mutliplied by 7 =
-----
Total                AAAAA

```

The Total sum AAAAA is divided by 10. If the remainder is 0, then the check sum (D) is also 0. If the remainder is > 0, then (10 - Remainder) is the check sum (D).

3.1.2 Explanation for Serial No. 7 (Exg_Code) :

This code will be taken from the Exg_Lcl1 master table, the explanation of which is available in Annexure-1 (Table 4.2).

3.1.3 Explanation for Serial No. 11 (Sug_Name) :

This field contains the name of the subscriber that has to come in the Directory enquiry as well as in Directory Printing, as required by the subscriber.

3.1.4 Explanation for Serial No. 13 (Rur_Urb) :

This is a Character field with width 1. It can have values either R (for Rural) or U (for Urban).

3.1.5 Explanation for Serial No. 14 to 23 (Address) :

The information with a subscript I_ (Sl. No. 14 to 21) pertains to the Address of Installation of telephone, Subscript B_ (Sl.No.22) pertains to the address of the Billing, Subscript C_ (Sl.No.23) pertains to the address of the Correspondence.

If the Rur_Urb is R, the fields 14 to 21 should be appropriately filled up with the rural type of address details. If the Rur_Urb is U, it has to be filled up with Urban type of address details. The address details of Rural and Urban are given below:

Sl No.	Field Name	Code (R)	Code (U)
Installation :			
14	I_Flat_no	Flat Number	Flat Number
15	I_Door_no	Door Number	Door Number

16	I_Sub_Vil	Village	Sub-Locality
17	I_Apt_bldg	Apartment	Building Name
18	I_Rd_Str	Road	Street Name
19	I_Area_Teh	Tehsil	Area
20	I_City_Dst	District	City
21	I_Pin_code	Pincode	Pincode

Billing Address:

22 IB_AdrSame:

If this logical field is true, there shall be no entry in billing address and billing address shall be same as installation address. If the Logic Entry False, the billing address can be stored in a separate table as shown below:

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow	
					From	To
1	Uniq_Id_No	C	12	Unique Identification Code	Com	T
2	B_Adr1	C	30	Line 1 of billing address.	Com	T
3	B_Adr2	C	30	Line 2 of billing address.	Com	T
4	B_Adr3	C	30	Line 3 of billing address.	Com	T
5	B_Adr4	C	30	Line 4 of billing address.	Com	T
6	B_Pin_Code	N	6	Billing Address Pincode	Com	T

Correspondence Address :

23 IC_AdrSame :

If this logical field is true, there shall be no entry in correspondence address and corr. address shall be same as installation address. Otherwise, The Correspondance address can be entered in a separate table as shown below:

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow	
					From	To
1	Uniq_Id_No	C	12	Unique Identification Code	Com	T
2	C_Adr1	C	30	Line 1 of Corr address.	Com	T
3	C_Adr2	C	30	Line 2 of Corr address.	Com	T
4	C_Adr3	C	30	Line 3 of Corr address.	Com	T
5	C_Adr4	C	30	Line 4 of Corr address.	Com	T
6	C_Pin_Code	N	6	Corr Address Pincode	Com	T

3.1.6 Explanation for Serial No. 24 (Dmd_Nt_Iss) :

This is a logic field. It is kept to keep track of the all the demand note issued for a particular telephone. The details kept in a separate table as follows (if the logical field is Yes) :

Note :

If the payments have been collected at the cash counters of the TRA system, the flow of payment will be reverse ie., from TRA system to Commercial system.

Table: Dem_Detail

Purpose: To keep the details of the demand notes particulars

S1 No	Field Name	Field Type	Field Width	Field Description	Data flow From	Data flow To
1.	Uniq_Id_No	C	12	Unique Id number	Com	T
2.	Dem_No	N	6	Demand Note Number	Com	T
3.	Dem_Date	D	8	Demand Note Date	Com	T
4.	Dem_Amt	N	5	Demand Note Amount	Com	T
5.	Dem_Pur	C	30	Demand Note Purpose	Com	T
6.	Paymt_Dt	D	8	Payment Date	Com	T
7.	Paymt_Amt	N	5	Payment amount	Com	T
8.	Paymt_Mode	C	1	Payment Mode	Com	T
9.	Paymt_Pla	C	3	Payment Place	Com	T
10.	Receipt_No	N	6	Receipt Number	Com	T
11.	Receipt_Dt	D	8	Date of issue of the receipt	Com	T
12.	Cashier	C	10	Name of the cashier receiving payment	Com	T
13.	Pay_rem	C	20	Payment remarks.	Com	T

For the explanation for item No. 8 (Paymt_Mode) please refer to the Payment Mode Table which is explained in Annexure I (Table No. 4.22).

For the explanation for item No. 9 (Paymt_Pla) please refer to the Payment Place Table which is explained in Annexure I (Table No. 4.30).

If the Payment Mode happens to be other than C - Cash, then the following further details are required to be kept in a separate table:

Table: Draft_Detail

Purpose: To keep the details of the drafts / Cheques particulars

S1 No	Field Name	Field Type	Field Width	Field Description	Data flow From	Data flow To
1.	Draft_No	C	10	Draft No.	Com	T
2.	Draft_dt	D	8	Draft dt.	Com	T
3.	Bank_Code	C	5	Bank Code.	Com	T
4.	Bank_Branch	C	10	Branch of bank.	Com	T
5.	Bank_city	C	10	City from where bank is located.	Com	T
6.	Dem_No	N	6	Demand Note Number	Com	T

3.1.7 Explanation for Serial No. 25 (Adv_Nt_Iss) :

This is a logic field. It is kept to keep track of the all the Advice note issued for a particular telephone. The details kept in a separate table as follows (if the logical field is Yes):

Table: Adv_Detail

Purpose: To keep the details of the Advice notes particulars

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow From	Data flow To
1.	Uniq_Id_No	C	12	Unique Id Number	Com	T
2.	Dem_No	N	5	Demand Note Number	Com	T
3.	Adv_No	C	10	Advice Note Number	Com	T
4.	Adv_Date	D	8	Advice Note Date	Com	T
5.	Act_Code	C	5	Present Activity	Com	T
6.	Transfr_Cd	C	3	Transfer Code	Com	T
7.	Comp_Date	D	8	Compliance of Advice Note Date	Com	T
8.	OMR	N	8	Opening Meter Reading	Com	T
9.	CMR	N	8	Closing Meter Reading	Com	T

The explanation for items 5 is given in a separate activity table, the details are explained in the master tables given in Annexure I (Table No. 4.16).

3.1.8 Explanation for Field Inst_Date (SI No 26)

This is the date of commisioning of the telephone.

3.1.9 Explanation for Field Rad_Dist (SI No 27)

The radial distance in KMs of the telephone instrument from local exchange including long distances for lease lines etc.

3.1.10 Explanation for Field ADBLA (SI No 28)

The actual distance beyond local area in KMs of the telephone instrument from local exchange including long distances for lease lines etc.

3.1.11 Explanation for Field Typ_of_Con (SI No 29)

The details are taken from the Connection Master table. The explanation of the same is available in Annexure I (Table No. 4.17).

3.1.12 Explanation for Field Class_Code (SI No. 30):

The details are taken from the Class Code Master table. The explanation of the same is available in Annexure I (Table No. 4.18).

If the subs. are from Partnership, Special / SS category the details of records submitted by subs. are available in a separate table Doc_List as detailed below.

Table Name: Doc_List

Purpose: This is database having list of documents submitted by the Special/SS category subs. The name of documents should be filled in.

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow From To
1.	Uniq_Id_No	C	12	Consumer Number	Com
2.	Phone_No	N	7	Telephone Number	Com
3.	Doc_No	N	2	Document Number	Com
4.	Doc_Name	C	30	Document Name	Com

3.1.13 Explanation for field Catg_Code (SI No. 31):

The details are taken from the Category Code Master table. The explanation of the same is available in Annexure I (Table No. 4.19).

3.1.14 Explanation for Field Vip_Code (SI No. 32):

This field gives whether the subscriber is a VIP or not. The code that can be followed are:

VIP number - Yes (Y)
Not a VIP number - No (N)

3.1.15 Explanation for Field Usage_Code (SI No. 33):

The details are taken from the Usage Code Master table. The explanation of the same is available in Annexure I (Table No. 4.21).

3.1.16 Explanation for Field Rem_Exg and Rem_No (SI No. 34 & 35):

In case the SSA HQ and the exchange where the telephone is actually located are in different charging zone, for passing important information like outstanding bills etc., different exchange code and telephone number is required. This is to be entered in REM_EXG & REM_No fields.

3.1.17 Explanation for Field STD_Reqd (SI No. 36)

The field should contain entries regarding requirement of STD or NON-STD connection by a sub.

3.1.18 Explanation for Field ISD_Reqd (SI No. 37)

The field should contain entries whether subs. requires an ISD facility or not.

3.1.19 Explanation for Field STD_Provd (SI No. 38)

The field should contain entries whether STD or NON-STD facility has been provided to the subs.

3.1.20 Explanation for Field ISD_Provd (SI No. 39)

The field should contain entries whether the subs. is provided with an ISD facility or not.

3.1.21 Explanation for Field Org_Abbr (SI No. 40)

The Organisation Abbreviation can be included in this field. This field is provided to aid the query on the organisation name.

3.1.22 Explanation for Field Dsc_Dt_DNP (SI No. 41)

This contains the Date of last disconnection in Dues Not Paid case.

3.1.23 Explanation for Field Rec_Dt_DNP (SI No. 42)

This contains the Date of last re-connection in Dues Not Paid case.

3.1.24 Explanation for Field Safe_Disdt (SI No. 43)

This contains the Date of last disconnection in safe deposit disconnection case.

3.1.25 Explanation for Field Safe_Rcdt (SI No. 44)

This contains the Date of last re-connection in safe deposit reconnection case.

3.1.26 Explanation for Field Guar_Expdt (SI No. 45)

The expiry date of guaranteed rent deposit in wherever deposited.

3.1.27 Explanation for Field Status (SI No. 46)

The details are taken from the Status Code Master table. The explanation of the same is available in Annexure-1 (Table No. 4.23).

3.1.28 Explanation for Field Transfr_Cd (SI No. 47)

The details are taken from the Transfer Code Master table. The explanation of the same is available in Annexure-1 (Table No. 4.24).

3.1.29 Explanation for Field Acc_Det (SI No. 48):

The field is a logical field. If the value is Yes, then the details of accessory are to be filled up in the following Accessory table. The accessory codes can be taken from a master accessory table which is given in Annexure-1 (Table No. 4.25).

S1 No	Field Name	Field Type	Field Width	Field Description	Data flow From	To
1.	Adv_No	C	10	Advice Note Number		
2.	Acc_Code	C	5	Accessory Code	Com	T
3.	Acc_Date	D	8	Date of Accessory Provision / disconnection	Com	T

3.1.30 Explanation for Field Dep_Det (SI No. 49)

The field is a logical field. If the value is Yes, then the details of deposits are to be filled up in the following Deposit table. The appropriate codes can be taken from a master deposit table which is given in Annexure-1 (Table No. 4.15).

S1 No	Field Name	Field Type	Field Width	Field Description	Data flow From	To
1.	Uniq_Id_No	C	12	Unique Id Number	Com	T
2.	Dep_Code	C	5	Deposit Code	-do-	
3.	Dep_Date	D	8	Date of Provision	-do-	
4.	Dep_Amt	N	8	Deposit Amount	-do-	

3.1.31 Explanation for Field Prof Code (SI No. 50)

This field contains the profession code of the subscribers. The code list can be taken from a separate table called Prof_Master. The details of the Prof_Master table is listed in Annexure I (Table No. 4.26).

3.1.32 Explanation for Field Govt_Code (SI No. 51)

This field denotes the different Private / Government connections. The Govt_Code can be taken from a separate table called Govt_Master. The details of the Govt_Master is listed in Annexure I (Table No. 4.28)

3.1.33 Explanation for Field Tel_D_S (SI No. 52)

The field should contain entry D for telephone instrument provided by Department, S for Telephone instrument owned by subs.

3.1.34 Explanation for Field Wire_D_S (SI No. 53)

The field should contain entry D for telephone wiring done by the Department and S for Telephone wiring done by the subscriber.

3.1.35 Explanation for Field Tele_Oth (SI No. 54)

'Y' entry in the field indicates subs. having more than one telephones, weather as 'N' indicates no other telephone with the subs. Provision for storing maximum number of 5 related telephones have been kept. When the number exceeds 5, it can be stored as a second record. The table structure is shown below:

Table Name: Tele_Oth

Purpose: This is database having the details of other telephones possessed by subs. any where in India.

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow	
					From	To
1.	Uniq_Id_No	C	12	Customer Number	Com	T, F, D
2.	Phone_No	N	7	Telephone Number	Com	T, F, D
3.	R_Uniq_Id	C	12	Customer Number of Related Telephone	Com	T, F, D

3.1.36 Explanation for Field Partfm_Huf (SI No. 55)

If the subs. is a partnership firm or Hindu Undivided Family (HUF) the related details shall be available in a separate table as below -

Table Name: Prtfm_Huf

Purpose : This carries the details of names of Karta and name of members of his family with relationship with karta or designation of members in case of partnership firm.

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow From To
1.	Uniq_Id_No	C	12	Customer Number	Com T,F,D
2.	Name_Mem	C	60	Name of other Member	-do-
3.	Rel_Desgn	C	20	Relationship with Karta or Desgn in case of firm	-do-

3.1.37 Explanation for Field Spec_Sign (SI No. 56)

The field carries the image file of specimen signature of the subs. as in the application form.

3.1.38 Explanation for Field Liability (SI No. 57)

The field carries the image file of Liability form signed by all partners in case of a partnership firm.

3.1.39 Explanation for Field Nomination (SI No. 58)

The field carries the image file of Nomination form signed by all partners in case of a partnership firm or members of family in case of HUF.

3.1.40 Explanation for the Field Tel_No_Chg (SI No. 59)

This field indicates whether the telephone number has undergone a change due to any reasons. It keeps track of the old numbers and thus can be treated as a history file of old numbers. This table should automatically maintained whenever such an activity takes place.

Table Name: Chg_TelNo

Purpose: To keep track of the telephone number changes.

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow From To
1.	Uniq_Id_No	C	12	Customer Number	Com
	T,F,D				
2.	New_Tel_No	N	7	New Telephone Number	-do-
3.	Old_Tel_No	N	7	Old Telephone Number	-do-
4.	Date_Eff	D	8	Date of effect	-do-

3.1.41 Explanation for the Field Name_Chg (SI No. 60)

_This field indicates the name changes which have been done due to any reasons. It keeps track of the old Name and thus can be treated as a history

file of old names. This table should automatically maintained whenever such an activity takes place.

Table Name : Chg_Name

Purpose : To keep track of the name changes of the subscriber.

S1 No	Field Name	Field Type	Field Width	Field Description	Data flow From	To
1.	Uniq_Id_No	C	12	Customer Number	Com	T,F,D
2.	Old_Name	C	60	Old Name	-do-	
3.	New_Name	C	60	New Name	-do-	
4.	Date_Eff	D	8	Date of effect	-do-	

3.1.42 Explanation for Field M_S_Exn (SI No. 61)

The field should contain entries whether the telephone number is a non PABX Junction or a Main / Sub / Extension of PABX. If it is not a PABX Jn., then the field value shall have the value 'O'. For PABX junction, it can one of the value

- M - Main Junction line (Pilot Line).
- S - Secondary Junction line.
- E - Extension line.

If the value of the M_S_Exn filed is M then the information about the main PABX junction is stored in the following table :

Table Name : PABX_Main

S1 No	Field Name	Field Type	Field Width	Field Description	Data flow from	to
1.	Uniq_Id_No	C	12	Consumer Number	Com	T
2.	No_Junction	N	3	Number of Junctions	Com	T
3.	No_Extns	N	4	Number of Extensions	Com	T

If the value of the M_S_Exn field is S then the information of the Pilot number for which the sub junctions are related are stored in the following table:

Table Name: PABX_Sub

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow from	Data flow to
1.	Uniq_Id_No	C	12	Consumer Number	Com	T
2.	M_Uniq_Id	C	12	Consumer Number of Main	Com	T
3.	Pilot_No	N	7	Telephone number of Main	Com	T

If the value of the M_S_Exn field is E, then the information about the Extension number and its related Pilot number are stored in the following table :

Table Name : PABX_Extn

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow from	Data flow to
1.	Uniq_Id_No	C	12	Consumer Number	Com	T
2.	M_Uniq_Id	C	12	Consumer Number of Main	Com	T
3.	Pilot_No	N	7	Telephone number of Main	Com	T
4.	Extn_No	N	4	Extension Number	Com	T,F
5.	Extn_Bill	L	1	Extn wise billing Y/N	Com	T

3.1.43 Explanation for Field JE section (SI No. 62)

This field will contain th JE code who will be the incharge of section in which th telephone is installed.

3.1.44 Explanation for Field Exch equip c (SI No. 63)

This field will contain th equipped capacity of the exchange to which telephone belongs.

3.1.45 Explanation for Field Exch wrk c (SI No. 64)

This field will contain the total working Number in the exchange. It will be useful for c.o. and management.

3.1.46 Explanation for Field Exch wrk c (SI No. 64)

This field is being generated in the DQ system to aid the query as per designation of the subscriber.

3.2 FRS system

Master data structure in FRS system

The Main tables of the FRS system which contains the details of the subscriber related data and the fault related data are given below. The Data structure is so construed so as to enable the multi exchange environment working as well as allotting and clearing the faults JE section wise or lineman section wise.

S1 No	Field Name	Field Type	Field Width	Field Description	Data Flow From	Data Flow To
1	Uniq_Id_no	C	12	Customer Number	Com	
2	Exg_Code	C	3	Exchange Code		Com
3	Phone_No	N	7	Telephone Number		Com
4	Inst_type	C	5	Instrument type		Com
5	Name	C	60	Full Name of Subs		Com
6	Rur_Urb	C	1	R-Rural/U-Urban selection	Com	
7	INST_Flat_no	C	4	Inst Flat Number		Com
8	INST_Door_no	C	10	Inst Door Number		Com
9	INST_Sub_Vil	C	20	Inst Sub-Locality/Village	Com	
10	INST_Apt_Bldg	C	20	Inst Apartment/Bldg Name	Com	
11	INST_Rd_Str	C	30	Inst Road/Street Name		Com
12	INST_Area_Teh	C	20	Inst Tehsil/Area		Com
13	INST_Cty_Dst	C	20	Inst City/Distt name		Com
14	I_Pin_Code	N	6	Inst Pincode		Com
15	Adv_No	C	10	Advice Note Number		Com
16	Adv_Date	D	8	Advice Note Issue Date		Com
17	Inst_Date	D	8	Date of Installation		Com
18	Org_Abbr	C	10	Abbrevn of Organisation		Com
19	Flt_Status	N	1	Fault Status of telephone	F	T
20	Type_Of_Con	C	1	Type Of Connection	Com	
21	Govt_Code	N	1	Government Code	Com	
22	Dp_No	C	5	DP Number	F	
23	Dp_Tag	C	6	DP Tag	F	
24	MDF_NO	C	12	MDF number		F
25	Cab_No	C	4	Cabinet Number	F	
26	Cab_In	C	5	Cabinet IN tags	F	
27	Cab_Out	C	5	Cabinet Out Tags		F
28	Pil_No	C	4	Pillar Number	F	
29	Pil_In	C	5	Pillar in tags	F	
30	Pil_Out	C	5	Pillar out tags	F	
31	Loop_Res	N	4	Loop resistance	F	
32	Eqpt_No	C	12	Equipment Number	F	
33	Vip_Code	L	1	VIP number or not		Com, T, F
34	JE_Sec	C	2	JE Section	F	
35	Lmn_Sec	C	4	Lineman section	F	
36	FRS_Exchng	C	3	FRS exchange code		F
37	Dsc_Dt_DNP	D	8	Last DNP Disconn.date		Com
38	Rec_Dt_DNP	D	8	Last DNP Reconnection dt.	Com	
39	Status	C	1	Working Status	Com	
40	Extn_No	N	4	Extension Number	Com	
41	TEL_D_S	C	1	Tel.Instt.: S-Subs,D-Dept	Com	
42	Wire_D_S	C	1	Wiring by : S-Subs,D-Dept	Com	
43	JE_section	C	3	section outdoor JE	Com	
44	Exch_eqot	N	10	Exchange equipment capacity	Com	
45	Exch_wrk_c	N	10	working number in the exch	Com	
46	Design_c	C	24	Designaion code	Com	
47	C_CABLE_SIZE	C	10			
48	_CABLE_CAT	C	10			
49	_CABLE_TYPE	C	10			

```

50 _DIST_CABLE_CD C 20
51 _CABLE_TERM C 20
52 _JOINT_NO C 10
53 _Wkg_PAIR C 10
55 CBLRT_MDF_PILLAR_JOINT
   C 200
56 _VERTICAL_NO C 40
57 _DP_CD C 20
58 _DP_LOC C 100
59 _DP_NO C 30
60 _DP_CAPACITY N 10
61 _CTBOXPILL_NO N
62 _wkgpair_DP C
63 _faultypair_DP C
64 _DP_LANDMARK C 200
65 _LENGTH_MTR N
66 _JOINT_CD C 20
67 _JOINT_CAPACITY C

```

				Unique	2000pair,1600pr, 1200pr,800pr,400pr, 200pr,100pr Primary or Distribution Paper/Jelly
54 _FLTY_PAIRS C 10			working pair in distribution cable FAULTY PAIRS IN PRIMARY CABLE	Unique	
			DP Location DP Number (alphanumeric) Distribution point DP capacity No of CT box in DP working pair in DP Faulty pair in DP	Unique	
			Distribution joint no UG joint capacity	Unique	200,600, 1000 etc

The following fault related items are also required for the FRS working to be maintained in a separate table:

Sl No	Field Name	Field Type	Field Width	Field Description	Data Flow From	Data Flow To
47	COMP_*_Date	D	8	Complaint Date	F	T
48	COMP_*_COMP_HH	N	2	Complaint Time Hours	F	T
49	COMP_*_COMP_MIN	N	2	Complaint Time Minutes	F	T
50	CLR_*_Date	D	8	Clearing Date	F	T
51	CLR_HH	N	2	Clearing Time Hours		F T
52	CLR_MIN	N	2	Clearing Time Minutes	F	T
53	Docket_No	C	4	Docket Number	F	
54	Flt_Type	N	1	Type of fault	F	T
55	Flt_Rem	C	20	Fault Remarks	F	

3.2.1 Explanation for Fields from SI 1 to 18,20,21,33,38 and 39,40,41,42:

The explanations of the above fields are same as that of Master Data base of Commercial System which is explained in Section 3.1.

3.2.2 Explanation for Field Flt_Status (SI 19) :

This field is useful for the analysis of fault working. It can have the following possible combinations:

- 1 Dead
- 2 Partially dead
- 3 Working OK
- 4 Pending

3.2.3 Explanation for Field JE_Sec (SI 34):

This field denotes the JTO section to which the connection belongs. The codes can start with any alphabet (Except P, I, C and B) or number.

3.2.4 Explanation for Field Lmn_Sec (SI 35)

This field denotes a 4-digit Lineman section to which the connection belongs. This helps in lineman-wise booking and clearing of faults.

3.2.5 Explanation for Field FRS_Exchng (SI 36) :

This field denotes a 3-digit Fault Repair Services exchange for which the connection belongs. This is useful in a multi exchange environment of fault repair system working.

3.2.6 Explanation for Field Status (SI 39) :

The details are taken from the Status Code Master table. The explanation of the same is available in Annexure-1 (Table No. 4.23).

3.2.7 Explanation for Field Extn_No (SI 40):

This gives the number of the Extension.

3.2.8 Explanation for Field Com_Date (SI 41):

This field indicates the "Date" on which the complaint has been booked.

3.2.9 Explanation for Field Com_Time_H (SI 42) :

This field indicates the "Hours" at which the complaint has been booked.

3.2.10 Explanation for Field Com_Time_M (SI 43) :

This field indicates the "Minutes" at which the complaint has been booked.

3.2.11 Explanation for Field Cl_Date (SI 44) :

This field indicates the "Date" on which the complaint has been cleared.

3.2.12 Explanation for Field Cl_Time_H (SI 45) :

This field indicates the "Hours" at which the complaint has been cleared.

3.2.13 Explanation for Field Cl_Time_M (SI 46):

This field indicates the "Minutes" at which the complaint has been cleared.

3.2.14 Explanation for Field Docket_No (SI 47):

This field indicates the Docket Number of a the given fault. It contains four digits. The first is a alpha character taking the letter A to Z with the exception of I and O. The remaining three digits are numeric ranging from 001 to 999.

3.2.15 Explanation for Field Flt_type (SI 48):

This field indicates the nature of fault. The details of the same can be stored in a separate table as given below:

Table Name : Fault_Type

Purpose : To store different types of faults.

S/No	Field Name	Field Type	Field Width	Field Description	Data Flow From	Flow To
1.	Flt_Type	N	1	Fault type code		
2.	Flt_Desc	C	30	Fault type description		

List of Fault types

Flt_Type	Flt_Desc
0	Re Ordered Fault
1	Exchange fault
2	Fault Not found - Exchange side
3	MDF fault
4	Cabel fault
5	Cabinet / Pillar fault
6	DP / line fault
7	Subscriber's premises / Instrument fault
8	Fault Not found - External side.
9	Fault due to working party on the line.

3.3 TRA system

3.3a Master data base structure of TRA (Telephone) system

S/No	Field Name	Field Type	Field Width	Field Description	Data Flow From	Flow To
1	Uniq_Id_no	C	12	Consumer Number		Com
2	Exg_Code	C	3	Exchange Code		Com
3	Phone_No	C	7	Telephone Number		Com
4	Inst_type	C	5	Instrument type		Com
5	Name	C	60	Full Name of Subs		Com
6	Rur_Urb	C	1	R-Rural/U-Urban		Com
7	INST_Flat_no	C	4	Inst Flat No.		Com
8	INST_Door_no	C	10	Inst Door Number		Com
9	INST_Sub_Vil	C	20	Inst Sub-Locality/Vill.		Com
10	INST_Apt_Bldg	C	20	Inst Apartment/Bldg.		Com
11	INST_Area_Teh	C	20	Inst Area/Tehsil		Com
12	INST_Cty_Dst	C	20	Inst City/District		Com
13	INST_Pin_code	N	6	Inst Pincode		Com
14	IB_AdrSame	*_YN	1	Inst Billing Adr.Same		Com
15	Dmd_Nt *_ISSUE	*_YN	1	Demand Note Issued Yes/No		Com
16	Adv_Nt *_ISSUE	*_YN	1	Advice Note Issued Yes/No		Com
17	Inst_Date	D	8	Date of Installation		Com
18	Rad_Dist	N	2	2 Radial Distance		Com
19	ADBLA	N	2	2 Arial Dist beyond lcl area		Com
20	Type_Of_Con	N	1	Connection Type		Com
21	Class_Code	C	5	Class Code		Com
22	CAT_CODE	N	2	Category of Connection		Com
23	VIP_Code	*_YN	1	VIP Code		Com
24	Usage_Code	C	1	Usage Code		Com
25	Rem_Exg	C	3	Reminding Exchange Code		Com
26	Rem_No	N	8	Raminder Telephone Number		Com
27	STD_provd	*_YN	1	STD provided or not		Com
28	ISD_provd	*_YN	1	ISD provided or not		Com
29	Org_abbr	C	10	Abbn of Organisation		Com
30	Dis_Dt_DNP	D	8	Last DNP Discon. date		Com
31	Rec_Dt_DNP	D	8	Last DNP Reconnection date		Com

32	Safe_Disdt	D	8	Last Safe custody discon	DtCom
33	Safe_Rcdt	D	8	Last Safe custody recon	Dt Com
34	Status	C	1	Current Status	Com
35	Transfr_Cd	C	3	Transfer type code	Com
36	Acc_Det	*_YN	1	Accessory provided or not	Com
37	Dep_Det	*_YN	1	Deposit paid or not	Com
38	OYT_Rent_Exp	D	8	OYT Rent Expiry Date	T
39	Guar_rent	N	5	Guaranteed rent	T
40	Guar_Expdt	D	8	Guaranty rent Expiry date	Com
41	Prof_Code	C	3	Profession Code	Com
42	Govt_Code	N	1	Government Code	Com
43	TEL_D_S	C	1	Tel.Instt.: S-Subs,D-Dept	Com
44	Wire_D_S	C	1	Wiring by : S-Subs,D-Dept	Com
45	M_S_Ext	C	1	M-Main Jn, S-Sub Jn E-Extension, O-Others	Com
46	Bill_type	N	2	Billing type	T
47	EXCH_EQIP_CAP	N	10	Exchange equipment capacity	Com
48	EXCH_WKG_NO	N	10	working number in the exch	Com

3.3a.1 Explanation for Serial No. 1 to 37 and 40 to 45:

The explanation for the above fields is the same as described in the Commercial master database (Section 3.1).

3.3a.2 Explanation of the field OYT_Rent_Exp (Sl.No. 38):

This field gives the OYT rent expiry date so that the normal rent can be started after the expiry of this date.

3.3a.3 Explanation of the field Guar_Rent (Sl No. 39):

This field gives the Guaranteed rent that is to be charged for the subscriber whenever the telephone has been issued on the Guaranteed amount.

3.3b Master Data For Subscriber Bill (Telephone)

Sl No	Field Name	Field Type	Field Width	Field Description
1	Bill_No	C	10	Subscriber Unique Bill Number
2	Uniq_Id_No	C	12	Subs Identification Number
3	Exg_Code	C	3	Exchange Code
4	Bill_date	D	8	Telephone Bill Dated
5	Rent	N	10 2	Tele Rental Amount
6	Rent_Frm	D	8	Rent From Date
7	Rent_To	D	8	Rent Upto Date
8	Acc_Rent	N	10 2	Accessory Rental
9	Loc_Chgs	N	10 2	Total Local Call Charges
10	Trk_Chgs	N	10 2	Total Trunk Call Charges
11	Ph_Grams_Chgs	N	10 2	Total Phonograms Charges
12	Os_Chgs	N	10 2	Total Overseas Call Charges
13	Facty_Chgs	N	10 2	Total Facility Charges
14	Adj_Amt	N	10 2	Amount Adjusted in the Bill
15	No_Tc	N	5	Number of Trunk Calls
16	No_Ph	N	5	Number of Phonograms

17	No_Os	N	5	Number of Overseas Calls
18	OMR	N	8	Opening Meter Reading
19	OMR_Date	D	8	Opening Meter Reading Date
20	CMR	N	8	Closing Meter Reading
21	CMR_Date	D	8	Closing Meter Reading Date
22	No_Revlns	N	2	Total Number of Meter Revolutions
23	Gross_Call	N	8	Total Number Of Meter Calls
24	CR_Calls	N	6	Total Credit Calls
25	DB_Calls	N	4	Total Debit Calls
26	Free_Calls	N	4	Total Free Calls
27	Sur_Chrg	N	5 2	Surcharge charges
28	Ser_Tax	N	5 2	Tax charges
29	Misc_Chgs	N	10 2	Misc charges
30	Net_Amt	N	10 2	Net amount billed for
31	Paymt_Mode	C	1	Payment mode of payment
32	Paymt_Pla	C	3	Payment Place
33	Paymt_Dt	D	8	Date of Bill Payment
34	Paymt_Amt	N	10 2	Total Amount Paid
35	Amt_Canclcd	N	10 2	Total Amount Canceled
36	Amt_Wr_Off	N	10 2	Total Amount Written Off
37	Due_Date	D	8	Bill Due Date (without surcharge)
38	Pay_By_Dt	D	8	Pay By Dt of Bill(with surcharge)
39	BILL_FLAG_CD	C	1	Bill flag Code
40	No_Flt_Days	N	2	Number of faulty days in the billing period
41.	Receipt_No	N	6	Reciept Number
42.	Receipt_Dt	D	8	Date of issue of the receipt
43.	Cashier	C	10	Name of the cashier receiving payment
44.	Pay_rem	C	20	Payment remerks.
45.	AMT_OUTST	N	10	amount outstanding

3.3b.1. Explanation for Facy_chgs (field no. 13)

This field gives the total of the Charges calculated as per the activity and the accessories carried out in the Billing period.

3.3b.2 Explanation for field Misc_chgs (Field No. 29)

This field gives the total charges other than the one which are explained in the above list.

3.3b.3 Explanation for field No. 32:

The explanation of Paymt_Pla is available in Table No. 30 of Annexure-1.

3.3b.4 Explanation for field no. 39:

Bill Flag Table structure :

Sl No	Field Name	Field Type	Field Width	Field Description
1.	BILL_FLAG_DESC	C	50	Bill Flag Description
2.	BlFlag_Cde	C	1	Bill Flag Code

Code	Description
------	-------------

F	First Bill
N	Normal Bill
C	Cancel
A	Adjusted Bill
R	Certified
M	Manual
S	Supplementary
D	Duplicate
P	Provisional bill

3.3b.5 Explanation for the field No_Flt_days (Sl. No. 40):

The number of faulty days in the billing period is necessary for deciding whether and what amount of rebate is to be given to the subscriber in his bill because of the telephone being faulty in that period. The details of the fault are kept in a separate table Flt_Details. This table shall receive its input from the FRS module. The contents of the table shall be as follows:

Table Name: Flt_Details

Purpose: To take the Fault particulars of the telephone in that billing period for calculation of the No. of faulty days during the billing period.

Sl No	Field Name	Field Type	Field Width	Field Description	Data flow from To	
1	COMP_*_Date	D	8	Complaint Date	F	T
2	COMP_*_COMP_HH	N	2	Complaint Time Hours	F	T
3	COMP_*_COMP_MIN	N	2	Complaint Time Minutes	F	T
4	CLR_*_Date	D	8	Clearing Date	F	T
5	CLR_HH	N	2	Clearing Time Hours	F	T
6	CLR_MIN	N	2	Clearing Time Minutes	F	T
7	Flt_Type	N	1	Type of fault	F	T
8	Flt_Status	N	1	Fault status of telephone	F	T
9	Uniq_Id_No	C	12	Customer Number	F	T

3.3b.6

In addition, the system should maintain a consolidated master bills table (Con_Bill). The summary of the bill shall be updated in this Con_Bill so that the bill query can be made on this table itself. The table structure of the Con_Bill shall be as follows:

Table Name: Con_Bill

Sl No	Field Name	Field Type	Field Width	Field Description
1	Uniq_Id_No	C	12	Consumer Number
2	Lst_B_Rent	N	5	Last Bill Rental value
3	Rent_B_Upto	D	8	Rent Billed Upto Date
4	Loc_B_Upto	D	8	Local Call Billed Upto
5	Grs_Calls_1	N	6	Gross Call Billed Bill
6	Grs_Calls_2	N	6	Gross Call Billed
7	Grs_Calls_3	N	6	Gross Call Billed
8	Grs_Calls_4	N	6	Gross Call Billed
9	Grs_Calls_5	N	6	Gross Call Billed
10	Grs_Calls_6	N	6	Gross Call Billed
11	Trk_B_Upto	D	8	Trunk calls billed upto
12	ITX_B_Upto	D	8	ITX calls billed upto
13	Paymt_Dt	D	8	Last Payment Date
14	Bill_type	N	2	Billing type

3.3b.7 Explanation for Field No. 14 (Bill_Type) in Table Con_Bill:

This denotes the type of bill like Normal bimonthly bill, STD PCO bills, etc. The details of the type of bills will be stored in the Bill_master table which is explained in Annexure-1 (Table No. 4.14).

3.3b.8 Explanation for Field Amt outsta (SI No 45):

This field will contain the outstanding amount against the customer of the telephone number.

3.4 DQ System

Master data base of Subscriber in DQ system:

Sl No	Field Name	Field Type	Field Width	Field Description	Data Flow From
1	Uniq_Id_no	C	12	Customer Number	Com
2	Exg_Code	C	3	Exchange Code	Com
3	Phone_No	N	7	Telephone Number	Com
4	Sug_Name	C	60	Suggested entry for DQ enquiry and printing	Com
5	Sort_Name	C	60	Sorting Name for query	D
6	Rur_Urb	C	1	Rural/urban selection	Com
7	INST_Flat_no	C	4	Inst Flat Number	Com
8	INST_Door_no	C	10	Inst Door Number	Com
9	INST_SUB_VLG	C	20	Inst Sub-Locality/Village	Com
10	INST_Apt_Bldg	C	20	Inst Apartment/Bldg Name	Com
11	INST_Rd_Str	C	30	Inst Road/Street Name	Com
12	INST_Area_Teh	C	20	Inst Tehsil/Area	Com
13	INST_Cty_Dst	C	20	Inst City/Distt name	Com
14	INST_Pin_code	N	6	Inst Pincode	Com
15	Org_abbr	C	10	Abbrevn of Organisation	Com

16	Grp_head	C	1	Group Heading, if any	D
17	Type_Of_Con	C	1	Type Of Connection	Com
18	Govt_Code	N	1	Government Code	Com
19	Prn_type	C	1	Print type	Com
20	Prof_Code	C	3	Profession Code	Com
21	Ent_type	C	1	Entry type	Com
22	Synonym_Cd	N	3	Synonym Code	D
23	Tele_Oth	*_YN	1	Indicator Flag	D
24	Status	C	1	Status of the telephone	Com
25	DESIG_CD	C	24	Designation code	Com
26	Tel_No_Chg	*_YN	1	Telephone No Change yes/no	Com
27	DESIG_CD	*_YN	1	Unlisted number	D

3.4.1 Explanation for Fields from SI 1 to 4, 6 to 15, 17, 18, 20, 23 and 25

The explanations of the above fields are the same as that explained in section 3.1 under commercial systems data structure.

3.4.2 Explanation for Serial No. 5 (Sort_Name):

This field is a field used for Enquiry. By coining the sortname intelligently, one will be able to:

- (a) Decide where the group of entries will appear
- (b) Select all those entries which will be grouped, and
- (c) Finalise the order in which the entries will appear within the group.

3.4.3 Explanation for Field Grp_head (SI No. 16):

This field gives whether the telephone numbers are to be appear under a certain group headings or not. This field is used for Directory Enquiry. The values are: C=1 Yes, C=2 Normal.

If the group heading is given as 1, then the group heading which is required is stored in the Sort_Name column and all the numbers given with that sort name will be answered in the directory query.

3.4.4 Explanation for Field Prn_type (SI No. 19):

This field is used for Directory printing purposes. The permitted values can be :

N - Normal and B - Bold.

3.4.5 Explanation for Field Ent_Type (SI No. 21) :

This field helps in DQ systems to identify between different types of entries.

The following types of entries are possible;

Description	Code
First entry	F
Service entry	S
Message entry	M
Paid entry	P

3.4.6 Explanation for Field Synonym_Cd (SI 22):

The synonym code is a number with a possible 999 combinations. These are used by the system administrator before hand and included in the Syncode_master table. This helps in querying similar sounding names with different spellings. The codes and explanations are explained in the Master tables explanations of Annexure-1 (item No. 29).

3.4.7 Explanation for Field Ind_Flag (SI 24) :

This field is being generated in the DQ system to aid the query. The Ind_flag is taken from the Ind_Master table which is explained in The Master tables of Annexure I (Table No. 4.27).

3.5 DATA DICTIONARY of CRMS and CRPS Packages

S1 No	Field	Dexcription	Field Name	Field Type/Width	Data Flow From
1	Appln_No	N6	Com	Application	Number of form
2	App_Series	C1	Com	Application	series of form
3	Bill_Dt	D8	CRMS	Bill	Date
4	Bill_No	C10	CRMS	Bill	Number
5	CT_B_Id	C1	CRMS	CT Box	Identity
6	CT_B_PR_SRT	N3	CRMS	CT Box	Pair 1(Starting Pair
7	CT_B_PR_END	N3	CRMS	CT Box	Pair 2(Ending Pair)
8	Cab_In	C5	FRS	Cabinet	In Tags (Input CT Box/Pair)
9	Cab_No	C4	FRS	Cabinet	Number
10	Cab_Out	C5	FRS	Cabinet	Out Tags (Output CT Box/Pair
11	Cab_Size	N4	CRMS	Cabinet	Size
12	Cab_Type	C5	CRMS	Cabinet	Type
13	Cab_Pil_Area	C10	CRMS	Cabinet/Pillar	Area
14	Cab_Wkg_tags	N4	CRMS	Cabinet	Working tags
15	Cab_Spr_tags	N4	CRMS	Cabinet	Spare tags
16	Cab_Flt_tags	N4	CRMS	Cabinet	Faulty tags
17	Cab_Waitlist	C10	Com	Cabinet	Waitlist

18	Cable_Class	C5	CRMS		Cable Class (e.g. PRY)
19	Cable_Gauge	N2.1	CRMS		Cable Gauge
20	Cable_Id	C10	CRMS		Cable Identity (Code/S1 No.)
21	Cable_Length	N4.2	CRMS		Cable Length
22	Cable_Pr	SN4	CRMS		Cable Pair 1 (Starting Pair)
23	Cable_Pr	EN4	CRMS		Cable Pair 2 (Ending Pair)
24	Cable_Pr_wk	N3	CRMS		Cable Working Pairs
25	Cable_Pr_Sp	N3	CRMS		Cable Spare Pairs
26	Cable_Pr_F	N3	CRMS		Cable Faulty Pairs
27	Cable_Pr_Id	C15	CRMS		Cable Pair Identity
28	Cable_Sl_No	N5	CRMS		Cable Serial Number
29	Cable_Size	N4	CRMS		Cable Size
30	Cable_Type	C6	CRMS		Cable Type (e.g. PIJF)
31	Cable_Lay_D	D8	CRMS		Cable Laying Date
32	Cable_AT_D	D8	CRMS		Cable A/T Date
33	CBLE_COMM_DT	D8	CRMS		Cable Commissioned Date
34	Cable_Duct	*_YN	CRMS		Cable Ducted (Y/N)
35	Cable_Press	*_YN	CRMS		Cable Pressurised (Y/N)
36	Cable_Detail	M	CRMS		Cable details
37	Phone_No	C7	Com		Circuit Number
38	DP_Location	C30	CRMS		DP Location
39	DP_No	C5	FRS		DP Number
40	DP_PR_SRT	N2	CRMS	CRMS	DP Pair 1 (Starting Pair)
41	DP_PR_END	N2	CRMS		DP Pair 2 (Ending Pair)
42	DP_Size	N3	CRMS		DP Size
43	DP_Tag	C6	FRS		DP Tag
44	DP_Type	C5	CRMS		DP Type
45	DP_Lay_D	D8	CRMS		DP Laying Date
46	DP_AT_D	D8	CRMS		DP A/T Date
47	DP_COMM_DT	D8	CRMS		DP Commissioned Date
48	Dt_Regn	D8	Com		Date of Registration
49	Est_No	C20	CRMS		Estimate Number
50	Exg_Code	C3	Com		Exchange Code
51	Name	C60	Com		Full Name of Subscriber
52	IP_Cable_Nos	N2	CRMS		Input Cables connected
53	Input Cables Identity	IP_Cable_Id	C10	CRMS	(Cables Code/Serial Number)
54	IP_Cable_TPS	N2	CRMS		Input Cable Through Pairs
55	IP_Cable_SPS	N2	CRMS		Input Cable Stumped Pairs
56	Pairs	IP_Cable_FPS	N2	CRMS	Input Cable Faulty
57	IP_CT_Box_Id	C5	CRMS		Input CT Box Identity
58	IP_CT_B_Pr_S	N3	CRMS	CRMS	Input CT Box Pair 1 (Starting Pair)
59	OP_CT_B_Pr_E	N3	CRMS		Input CT Box Pair 2
60	INST_Apt_Bldg	C20	Com		Inst Apartment/Bldg Name
61	INST_Cty_Dst	C20	Com		Inst City/Distt Name
62	INST_Door_no	C10	Com		Inst Door Number
63	INST_Flat_no	C4	Com		Inst Flat Number
64	INST_Pin_Code	N6	Com		Inst Pincode
65	INST_Rd_Str	C30	Com		Inst Road/Street Name
66	INST_Sub_Vil	C20	Com		Inst Sub-Locality/Village
67	INST_Area_Teh	C20	Com		Inst Tehsil/Area
68	Joint_Detail	C30	CRMS		Joint details
69	Joint_Id	C10	CRMS		Joint Identity (Code/Serial Number)
70	Joint_Type	C2	CRMS		Joint Type
71	Joint_Loc	C15	CRMS		Joint Location
72	Jumpered_To	C10	CRMS	CT	Jumpered To (Output Box Identity)
73	Laid_By	C20	CRMS		Laid By
74	Location	C30	CRMS		Location
75	Location_Fr	C30	CRMS		Location From
76	Location_To	C30	CRMS		Location To
77	Location_Jt	C30	CRMS		Location of Joints
78	MDF_No	C12	FRS		MDF Number (Vertical/ ag Block/Pair)
79	MDF_Pr_S	N3	CRMS		MDF Pair 1 (Starting Pair)
80	MDF_Pr_E	N3	CRMS		MDF Pair 2

81	Open_Jt_Of	C20	CRMS		Open Joint of (Identities of Cables)
82	OP_CT_B_Pr_S	N3	CRMS		Output CT Box Pair 1 (Starting Pair)
83	OP_CT_B_Pr_E	N3	CRMS		Output CT Box Pair 2 (Ending Pair)
84	OP_Cable_Nos	N2	CRMS		Output Cables connected
85	OP_Cable_ID	C10	CRMS		Output Cables Identity Cable Code/Serial Number)
86	OP_Cable_TPS	N2	CRMS		Output Cable (Through Pairs)
87	OP_Cable_SPS	N2	CRMS		Output Cable (Stumped Pairs)
88	OP_Cable_FPS	N2	CRMS		Output Cable (Faulty Pairs)
89	PCM_RR_Nos	N1	CRMS		PCM R/Rs (Numbers) in the Cable
90	PCM_RR_Id	C10	CRMS		PCM R/R Identity (Type and No.)
91	PCM_RR_CAP	N2	CRMS		PCM R/R Housing Capacity
92	PCM_RR_B_O	L1	CRMS		PCM R/R (Burried/Overhead)
93	PCM_Pr_Ut_Det	C15	CRMS		PCM Cable Pair utilisation Details:
94	Pick_Cabl_Pr	N4	CRMS		Pick up Cable pairs
95	Pil_In	C5	FRS		Pillar In Tags (Input CT Box/Pair)
96	Pil_No	C4	FRS		Pillar Number
97	Pil_Out	C5	FRS		Pillar Out Tags (Output CT Box/Pair)
98	Pil_Size	N4	CRMS		Pillar Size
99	Pil_Wkg_tags	N4	CRMS		Pillar Working tags
100	Pil_Spr_tags	N4	CRMS		Pillar Spare tags
101	Pil_Flt_tags	N4	CRMS		Pillar Faulty tags
102	PIL_WL_TAGS	C10	Com		Pillar Waitlist
103	Pil_Type	C5	CRMS		Pillar Type
104	Push_To_Jt	C20	CRMS		Push into nearby Joint/ Cable(by Tie-cabl
105	Term_Id	C10	CRMS		Termination Identity (Cabinet/Pillar/DP)
106	Title_Sub	C15	CRMS		Title of Subscriber
107	Uniq_Id_No	C12	Com		Unique Consumer Number
108	VIP_Code	L1	FRS		VIP Number or not
109	WL_EXT	N2	Com		Waitlist extension
110	WL_NO	N6	Com		Waitlisted Number
111	WL_SCH_NO	C20	CRMS		Work Schedule Number
112	DUCT_CD	C_	20		
113	DUCT_SIZE	C_	20		
114	PIPE_SIZE	N			
115	PIPE_CNT	N			
116	PIPE_USED	N			
117	PIPE_SPARE	N			
118	PIPE_DAMAGED	N			
119	TOTAL_OF_CABLE	N			
120	MAN_HOLE				
121	HAND_HOLE				
122	OFC_CD	C	20		
123	CABLE_SIZE	C	3		
124	CABLE_TYPE	C	20		
125	CABLE_MAKE	C	10		
126	INSTAL_TYPE	C	20		
127	INSTAL_DT	D			
128	WORKING_CNT	N			
129	SPARE_CNT	N			
130	FAULTY_CNT	N			
131	DARK_FIB_ALLOC	C	200		
132	FIB_ID_MAP	C	200		

133	CABLE_MODE	C	20
134	PROTECTION	C	20

Explanation for Field Circuit Number (SI 37 Phone_No):

This field is being generated in the DQ system to (Telephone/FAX/PairGains Transmission System 1+1, 1+7 /Telex / P-Wire / Extl Extn / Leased Line / Data Line/ Non-Exch Line)

4.0 ANNEXURE 1

List Of Tariff and Master Related Table To Be Maintained In the System

These are the tables that are to commonly required for any of the application system. Thus they are given as a separate annexure. Some of them may not directly find a reference in the Data structure of the applications. However, they are required from the Design and Programming point of view.

4.1 Table Name : SSA name

Purpose: To keep track of the SSA and Circle Name of the Main Computer Centre.

Sl No	Field Name	Field Type	Field Width	Field Description
1.	SSA_Code	C	3	SSA Code
2.	SSA_Name	C	50	SSA Name
3.	Cir_Code	C	2	Circle Code
4.	Cir_name	C	20	Circle Name
5.	SSA_Name	C	10	SSA Name
6.	SSA_ID	C	6	SSA ID
7.	Circle_Code	C	3	Circle ID
8.	Circle_Name	C	50	C_Circle Name
9.	COUNTRY_ID	C	3	Country code
10.	CIRCLE_ID	C	3	Circle code
11.	CIR_NAME	C	50	Name of circle
12.	STATE_ID	C	2	State code
13.	STATE_NAME	C	10	State name
14.	SSA_ID	C	6	SSA code
15.	SSA_NAME	C	100	SSA Name
16.	SDCA_ID	C	10	SDCA Code
17.	SDCA_NAME	C	30	SDCA Name
18.	ORG_ID	C	2	Organization code
19.	ZONE_ID	C	50	Name of Zones
20.	CITY_ID	C	5	City code
21.	CITY_NAME	C	30	Name of city
22.	STD_CODE	C	10	STD code

23.	ADDRESS1	50	Address details
24.	ADDRESS2	50	Address details
25.	PINCODE	6	Pincode
26.	LONGITUDE	9,6	
27.	LATITUDE	9,6	
28.	VENDOR_ID	10	vendor code
29.	LOC_ID	10	Location code
30.	LOC_NAME	30	Location code

4.2 Table_Name : Exch_Lcl1

Purpose: To keep track of the exchanges working in the SSA,
exchange capacity, etc.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	EXCH_DES	C	50	Exchange name
2.	EXCH_CODE	C	3	Exchange Code
3.	CAP_EXCH	N	1	Capacity <500,>500 etc.

4.3 Table_Name : Exch_Lcl2

Purpose: To keep track of the exchanges working in the SSA,
working connections, billing cycles.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	EXCH_CODE	C	3	Exchange Code
2.	PH_No_Frm	N	8	Starting Number
3.	PH_No_To	N	8	Ending Number
4.	Bill_Cycle	C	2	Billing period

4.4 Table Name : Exch_Trk

Purpose: To keep track of the Originating Trunk
Exchanges of the SSA.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	EXCH_DES	C	50	Exchange name
2.	EXCH_CODE	C	3	Exchange Code
3.	X_Cord	N	3	X coordinate of Exg
4.	Y_Cord	N	3	Y Coordinate of Exg
5.	LDCC_Cd	C	5	LDCC Code
6.	LX_Cord	N	3	LDCC,s X Co-ordinate
7.	LY_Cord	N	3	LDCC,s Y Co-Ordinate
8.	SDCC_Cd	C	5	Short Dist Charging Cente Code
9.	SDCC_X_CORD	N	3	SDCC's X Co-ordinate
10.	SDCC_Y_CORD	N	3	SDCC's Y Co-Ordinate

4.5 Table Name : Adj_SDCC

Purpose: To keep track of the adjucent SDCC.

Sl No	Field Name	Field Type	Field Width	Field Description
1.	Adj_SDCC_Cd	C	5	SDCC Code
2.	Adj_SDCC_Nm	C	50	SDCC Name

4.6 Table Name: Dest_Code (Trunk Exchange)

Purpose: To Store Destination Trunk Exchange Information for Calculation of Trunk Charges.

Sl No	Field Name	Field Type	Field Width	Field Description
1.	EXCH_CODE	C	3	Exchange Code
2.	EXCH_DES	C	20	Name of the Exchange
3.	EXCH_X_CORD	N	3	X Co-ordinate of Exchnng
4.	EXCH_Y_CORD	N	3	Y Co-ordinate of Exchnng
5.	Cir_Code	C	2	Circle Code
6.	LDCC_Cd	C	5	Long Dist Charging Centre Code
7.	LDCC_X_CORD	N	3	LDCC,s X Co-ordinate
8.	LDCC_Y_CORD	N	3	LDCC,s Y Co-Ordinate
9.	SDCC_Cd	C	5	Short Dist Charging Cente Code
10.	SDCC_X_CORD	N	3	SDCC's X Co-ordinate
11.	SDCC_Y_CORD	N	3	SDCC's Y Co-Ordinate

4.7 Table Name : Slabs

Purpose: Maintains the Rate of Trunk Charges based on Distance with Date of Effect from:

Sl No	Field Name	Field Type	Field Width	Field Description
1.	Dist_From	N	5	Range of Distance From
2.	Dist_To	N	5	Range of Distance Upto
3.	Slab_Rate	N	6 2	Rate of Charging
4.	Date_Frm	D	8	Date of Effect From
5.	Date_To	D	8	Date of Effect Upto

4.8 Table Name : Surcharge

Purpose : Calculation Surcharge based on Date of Effect

Sl No	Field Name	Field Type	Field Width	Field Description
1.	Amt_Frm	N	8	Range of Amount From
2.	Amt_To	N	8	Range of Amount Upto
3.	SC_Rate	N	6	Surcharge Rate

4.9 Table Name: Interest

Purpose: Calculation of Interest based on RBI rate and
Date of Effect

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Date_Frm	N	8	Date of effect From
2.	Date_To	N	8	Date of effect Upto
3.	Int_rate	N	2	Interest rate in %

4.10 Table Name: TAX

Purpose: Calculation of Service TAX based on Date of Effect

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Date_Frm	N	8	Date of effect From
2.	Date_To	N	8	Date of effect Upto
3.	TAX_rate	N	2	TAX rate in %

4.11 Table Name: Rebate_Cls

Purpose: Giving rebate on Tariff for different class
of subscriber

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Class_Code	C	5	Class Code
2.	Usage_Cd	C	1	Usage Code
3.	Rent_apl	N	2 2	Rebate % on rent
4.	Trnk_apl	N	2 2	Rebate % on Trunk call
5.	Lcl_apl	N	2 2	Rebate % on Meter calls
6.	No_Free	N	5	Number of free calls
7.	No_Min	N	5	Minimum no of calls charged
8.	Date_Eff	D	8	Date of effect

4.12 Table Name: Mtr_Calls

Purpose: Charging pattern for the meter calls based upon
the range and date of effect.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Date_from	D	8	Date of effect from
2.	Date_to	D	8	Date of effect to
3.	Slab1_calls	N	5	No of calls in 1st slab
4.	Slab1_rate	N	4 2	Slab rate in 1st slab
5.	Slab2_calls	N	5	No of calls in 2nd slab
6.	Slab2_rate	N	4 2	Slab rate in 2nd slab

7.	Slab3_calls	N	5		No of calls in 3rd slab
8.	Slab3_rate	N	4	2	Slab rate in 3rd slab
9.	Slab4_calls	N	5		No of calls in 4th slab
10.	Slab4_rate	N	4	2	Slab rate in 4th slab
11.	Slab5_calls	N	5		No of calls in 5th slab
12.	Slab5_rate	N	4	2	Slab rate in 5th slab
13.	Slab6_calls	N	5		No of calls in 6th slab
14.	Slab6_rate	N	4	2	Slab rate in 6th slab
15.	Slab7_calls	N	5		No of calls in 7th slab
16.	Slab7_rate	N	4	2	Slab rate in 7th slab
17.	Rate_beyond	N	4	2	Rate beyond the last slab

4.13 Table Name: PCO_Rel

Purpose: Calculation of PCO related entries

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Date_from	D	8	Date of effect from
2.	Date_to	D	8	Date of effect to
3.	MS_Chrg	N	4 2	Messenger Service charges
4.	LF_Chrg	N	4 2	Late Fee charges

4.14 Table Name: Bill_Master

Purpose : To have the flexibility in Billing Duration for different types of Bill.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Bill_Type	N	2	Type of the Bill
2.	Bill_Des	C	15	Description of Bill type
3.	Bill_Per	N	3	Billing period in days
4.	S_Bill_Date	D	8	Starting Bill date

List of Bill_type and Bill_Description

Bill_Type	Bill_description
01	Normal bill
02	STD PCO bill
03	PCO Bill
04	Service telephones bill
05	STD /ISD PCO bill
06	TELEX bills. etc.

4.15 Table Name: Depo_mast

Purpose: Deposit amount for various categories.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Date_from	D	8	Date of effect from
2.	Date_to	D	8	Date of effect to
3.	Dep_Code	C	5	Deposit Code
4.	Dep_amt	N	5 2	Deposit amount

5. Exg_Cap N 6 Capacity of Exchange

List of Deposit Codes:

Codes	Descriptions
ARD	Advance Rental Deposit
OY25	OYT Deposit - Category Rs. 2500
OY30	OYT Deposit - Category Rs. 3000
OY40	OYT Deposit - Category Rs. 4000
OY50	OYT Deposit - Category Rs. 5000
OY60	OYT Deposit - Category Rs. 6000
OY80	OYT Deposit - Category Rs. 8000
OY100	OYT Deposit - Category Rs. 10000
OY150	OYT Deposit - Category Rs. 15000
SD	Security Deposit
VLD	Voluntary Deposit
TKL	Tatkal Deposit
CCD	Credit Call Deposits
TXLR	Telex connection deposit
GD	Guaranteed deposit

4.16 Table Name: Activity Code

Purpose: To keep track of the activities of telephone.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Act_Code	C	5	Activity Code (Activity + On Acc Off + Open / Close)
2.	Act_Desc	C	40	Activity Description

List of Activity Codes

S1 No	Activity	On Act Of	O / C	Description
	Width : (3)	(1)	(1)	
1	CA	D		Address Change Departmental
2	CA	S		Address Change Subscriber
3	CCP	D		Con Of Csl Dpt Con To Permanent
4	CCP	S		Conversion. Chrg For Csl To Pmt
5	CCP	S		Converion Chrg For Csl To Temp
6	CC	S	O	Instrument Charges Casual Conn.
7	CCT	D	O	Conversion Of Dept Casual Conn. to Temporary Conn.
8	CCT	S	O	Con Charges for Csl To Temp
9	CDJ	D		Con Of Del To Jn Line (Dept) Service Connection
10	CDJ	S		Con Charges Del > Jn (Same Room)
11	CDJ	S		Con Chrg-Del->Jn(Outside)Exg>500 Line External
12	CDJ	S		Same Room For Small Exchange
13	CEC	S	C	Closure-Exp Of Casual Conn Subs
14	CET	S	C	Closure-Exp Of Tmp Conn Deptl
15	CET	S	C	Closure-Exp Of Tmp Conn Subs
16	CIC	S		Change In Contitution Subscriber
17	CJD	D		Con Of Dept Jn Line To Serv Con.
18	CJD	S		Con Chrg Jn >Del(Same Room) For > 500 Lines
19	CJD	S		Con Chrg Jn >Del(Outside) Exg > 500 Lines (External)

20	CJD	S		Con Chrg Jn>Del-Dame Room Jn Line To Del (Same Room)
21	CJD	S		Con Charg. Jn>Del(Outside) For < 500 Lines
22	CPS	D		Change From Pvt To Service Dept
23	CRA	S		Change in RD OR ADBLA
24	CSP	S		Change of Ser Con on Pvt Account
25	CTN	D	C	Change of Number Dept -Close
26	CTN	D	O	Change Of Number Dept - open
27	CTN	S	C	Change of Number Sub - Close
28	CTN	S	O	Change of Number Sub - Open
29	CTP	S		Con Chrg (Temp to Pmt) Exg >=500lines
30	CTP	S		Con Chrg (Temp to Pmt)Exg<500 lines
31	DA	D		Discon of Abr Dialling - DEPT
32	DA	D		Discon - All Facility of E10B -Dept
33	DA	D		Discon - Call Waiting - Dept
34	DA	D		Discon - CCB - Dept
35	DA	D		Discon - Cordless Telephone - Dept
36	DA	D		Discon - Conf facility - Dept
37	DA	D		Discon - Call transfer Fcty -Dept
38	DA	D		Discon - complete tele set - Dept
39	DA	D		Discon - Extl Extn - Dept
40	DA	D		Discon - EPABX - Dept
41	DA	D		Discon - FAX for Public Use - Dept
42	DA	D		Discon - FAX for Private Use -Dept
43	DA	D		Discon - Hot Line fclty - Dept
44	DA	D		Discon of Int Extn - Dept
45	DA	D		Discon of Int Extn Parallel - Dept
46	DA	D		Discon of Modem - Dept
47	DA	D		Discon of PABX - Dept
48	DA	D		Discon - PBX Extension - Dept
49	DA	D		Discon - PBX Intl Connection -Dept
50	DA	D		Discon - PMBX - Dept
51	DA	D		Discon - P and S - Dept
52	DA	D		Discon - RSTD Dummy - Dept
53	DA	D		STD Barring - Dept
54	DA	S		Discon of Abr Dialling - Sub
55	DA	S		Discon - All Facility of E10B -Sub
56	DA	S		Discon - Call Waiting - Sub
57	DA	S		Discon - CCB - Sub
58	DA	S		Discon - Cordless Telephone - Sub
59	DA	S		Discon - Conf facility - Sub
60	DA	S		Discon - Call transfer Fcty -Sub
61	DA	S		Discon - complete tele set - Sub
62	DA	S		Discon - Extl Extn - Sub
63	DA	S		Discon - EPABX - Sub
64	DA	S		Discon - FAX for Public Use - Sub
65	DA	S		Discon - FAX for Private Use -Sub
66	DA	S		Discon - Hot Line fclty - Sub
67	DA	S		Discon of Int Extn - Sub
68	DA	S		Discon of Int Extn Parallel - Sub
69	DA	S		Discon of Modem - Sub
70	DA	S		Discon of PABX - Sub
71	DA	S		Discon - PBX Extension - Sub
72	DA	S		Discon - PBX Intl Connection -Sub
73	DA	S		Discon - PMBX - Sub
74	DA	S		Discon - P and S - Sub
75	DA	S		Discon - RSTD Dummy - Sub
76	DA	S		STD Barring - Sub

77	DCM	D	C	Closure for Misude - Dept
78	DNP	S	C	Closure due to non payment of dues
79	ESC	S		Extension of Safe custody - short duration
80	ESL	S		Extension of Safe custody - long duration
81	ETC	S		Ext of Temp Conn
82	NPC	S	O	Service Connection
83	NPC	S	O	NPC - Inst charge > 500 lines
84	NPC	S	O	NPC (Dept Wiring) >500 lines
85	NPC	S	O	NPC (wiring by Sub) > 500 lines
86	NPC	S	O	NPC Inst Charge (<500 LInes)
87	PA	D		PROV of Abr Dialling - DEPT
88	PA	D		PROV - All Facility of E10B -Dept
89	PA	D		PROV - Addl Socket
90	PA	D		PROV - Call Waiting - Dept
91	PA	D		PROV - CCB - Dept
92	PA	D		PROV - Cordless Telephone - Dept
93	PA	D		PROV - Conf facility - Dept
94	PA	D		PROV - Call transfer Fcty -Dept
95	PA	D		PROV - complete tele set - Dept
96	PA	D		Prov - Extra Bell and Socket -Dept
97	PA	D		PROV - Extl Extn - Dept
98	PA	D		PROV - EPABX - Dept
99	PA	D		Prov - Extra Bell - Dept
100	PA	D		PROV - FAX for Public Use - Dept
101	PA	D		PROV - FAX for Private Use -Dept
102	PA	D		PROV - Hot Line fclty - Dept
103	PA	D		PROV of Int Extn - Dept
104	PA	D		PROV of Int Extn Parallel - Dept
105	PA	D		Prov of Loud Speaking Phone -Dept
106	PA	D		PROV of Modem - Dept
107	PA	D		PROV of PABX - Dept
108	PA	D		PROV - PBX Extension - Dept
109	PA	D		PROV - PBX Intl Connection -Dept
110	PA	D		PROV - PMBX - Dept
111	PA	D		PROV - P and S - Dept
112	PA	D		PROV - RSTD Dummy - Dept
113	PA	D		Prov - Secraphone
114	PA	D		STD Provision - Dept
115	PA	S		PROV of Abr Dialling - Sub
116	PA	S		PROV - All Facility of E10B -Sub
117	PA	S		Prov of addl socket - Sub
118	PA	S		PROV - Call Waiting - Sub
119	PA	S		PROV - CCB - Sub
120	PA	S		PROV - Cordless Telephone - Sub
121	PA	S		PROV - Conf facility - Sub
122	PA	S		PROV - Call transfer Fcty -Sub
123	PA	S		PROV - complete tele set - Sub
124	PA	S		Prov - Extra Bell and Socket -Sub
125	PA	S		PROV - Extl Extn - Sub >500 lines
126	PA	S		Prov - Extl Extn - Sub < 500Lines
127	PA	S		PROV - EPABX - Sub
128	PA	S		Prov for Extra Bell - Sub
129	PA	S		PROV - FAX for Public Use - Sub
130	PA	S		PROV - FAX for Private Use -Sub
131	PA	S		PROV - Hot Line fclty - Sub
132	PA	S		PROV of Int Extn - Sub
133	PA	S		PROV of Int Extn Parallel - Sub
134	PA	S		Prov - Long Cord - Sub
135	PA	S		PROV of Modem - Sub
136	PA	S		PROV of PABX - Sub
137	PA	S		PROV - PBX Extension - Sub
138	PA	S		PROV - PBX Intl Connection -Sub
139	PA	S		PROV - PMBX - Sub
140	PA	S		PROV - P and S - Sub

141	PA	S		PROV - RSTD Dummy - Sub
142	PA	S		Prov - Secraphone - Sub
143	PA	S		STD provision - Sub
144	PC	D	C	Permanent Closure Department
145	PCN	S	C	Permanent Closure-Npd Department
146	PC	S	C	Permanent Closure Subscriber
147	PFT	S	C	Withdrawal of Permission to Tenant
148	PFT	S	O	Permit to Tenant To Use Phone
149	PL	S		Charging for Particular Ph. No.
150	RC	D	O	Reconnection Department
151	RC	S	O	Reconnection After pymt- Dept
152	SC	D	C	Safecustody-Closure Department
153	SC	D	O	Safecustody-Opening Department
154	SCL	S	C	S/C Long Duration-W/O cable Subs
155	SCL	S	O	S/C Long Dur Opening (W/O cable - Subs)
156	SCP	D	C	S/C Pendig Shift Deptl Reason
157	SCP	D	O	Reconnection From S/C Subscriber
158	SCR	S	C	S/C Long Dur C/Pair Ret Subs
159	SCR	S	O	Recon from S/C Cable Pair Ret - Subs
160	SC	S	C	S/C Closing Short Duration - Subscriber
161	SC	S	O	Reconn From S/C Short Dur - Subs
162	SE	D		Shift Extl Department Subs <500L
163	SE	D		Extl Shift Of Extl Extn
164	SE	D		Extl Shift Of Plan 101 Deptartment
165	SE	D		Extl Shift Int Extn Department
166	SE	D		Extl Shift Intl Extn Parellel - Dept
167	SE	D		Extl Shift Of Intl Extn- Dept
168	SE	D		Extl Shift Of Intl Extn - Dept
169	SE	D		Extl Shift Of P & S Department
170	SE	S		External Shift Of Telephone Subs (=> 500 Lines)
171	SE	S		External Shift Of Telephone Subs (=< 500 Lines)
172	SE	S		Extl Shift Of Extl Extn Exg>500L
173	SE	S		Extl Shift Of Extl Extn Exg<500L
174	SE	S		Extl Shift of Int Extn Plan 101 Exg > 500 Lines
175	SE	S		Extl Shift Of Int Extn Exg<500L
176	SE	S		Extl Shift Of Int Extn Exg>500L
177	SE	S		Extl Shift Of Int Extn Exg<500L
178	SE	S		Extl Shift Of Int Parellel Exg>500L
179	SE	S		Extl Shift Of Int Parellel Exg<500L
180	SE	S		Extl Shift Of Extl Extn Exg>500L
181	SE	S		Extl Shift Of Intl Extn Exg<500L
182	SE	S		Extl Shift Of P & S
183	SI	D		Shift Intl On Dept Accountn
184	SI	D		Intl Shift Of Extl Extn -Dept
185	SI	D		Intl Shift Of Intl Extn -Dept
186	SI	D		Intl Shift Of Intl Extn -Dept
187	SI	D		Intl Shift Of Parellel Extn Dept
188	SI	D		Intl Shift Of Intl Extn Dept
189	SI	D		Intl Shift Of Intl Extn Dept
190	SI	S		Shift Intl On Request Of Subs
191	SI	S		Intl Shift Of Extl Extn
192	SI	S		Shift Intl Intl Extn
193	SI	S		Intl Shift Intl Extn
194	SI	S		Intl Shift Of Parellell Extn
195	SI	S		Intl Shift Intl Extn Department
196	SI	S		Intl Shift Intl Extn Department
197	SOE	D	C	Shift to Another Exg
198	SOE	D	O	Opening after SOE - Dept

199	SOE	S	C	Shift to other Exg - Local Area - Subscriber request
200	SOE	S	O	Shift from Other Exg - Sub
201	SOE	S	O	Shift from Other Small Exg - Sub
202	TC	S	O	Inst of Tmp Connection charge collected in Advance
203	TDN	S		Temp Discon for DNP - Sub

4.17 Table Name: Connection Code Table

Purpose: To keep track of the type of Connection

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Conn_Desc	C	50	Connection Description
2.	Typ_of_Con	C	1	Connection Code

List of Type of Connection Codes

Code	Description
1	Permanent Connection
2	Temporary
3	Casual Connection
4	Spare
5	Telex
6	STD PCOs
7	Service
8	PCOs.

4.18 Table Name: Class_Code Table

Purpose To keep track of the class codes and descriptions

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Class_des	C	50	Description
2.	Class_Code	C	5	Class Code

List of Class Code:

Code	Description
BS	Business
BSCH	Business - Cinema Halls
BSCOS	Business - Cooperative Sectors
BSCPU	Business - Cental Public Undertaking
BSHTL	Business - Hotels
BSLPG	Business - LPG Distributors
BSOTH	Business - Others
BSPVT	Business - Private
BSPVU	Business - Private Undertakings
BSSPU	Business - State Public Undertaking
DP	Department - Posts
DPOTH	Department - Others

DPPO	Department - Post Offices
DPRMS	Department - RMS
DT	Department - Telecom
DTCTO	Department - CTO
DTEXG	Department - Telephone Exchange
DTOTH	Department - Others
DTSDP	Department - SDO Phones
DTSDT	Department - SDO Telegraphs
DTTAC	Department - Telecom Advisory Committee
FM	Foreign - Missions
FMEMB	Foreign - Embassies
FMUNO	Foreign - Organisations
GC	Government - Cental (C)
GCAB	Government - (C)Autonomus Bodies
GCD	Government - (C)Defence
GCLO	Government - (C)Law and Order Organisation
GCMIN	Government - (C)Ministers
GCMP	Government - (C)MPs
GCOTH	Government - (C)Others
GCR	Government - (C)Railways
GCSO	Government - (C)Statutory Organisation
GS	Government - State (S)
GSAB	Government (S) - Autonomus Bodies
GSDC	Government (S) - District Council Members
GSLO	Government (S) - Law and Order
GSMIN	Government (S) - Ministers
GSMLA	Government (S) - MLAs
GSOTH	Government (S) - Others
GSSO	Government (S) - Statutory Org
ID	Individuals
IDADV	Individuals - Advocate
IDCA	Individuals - Chartered Accountants
IDCE	Individuals - Consultants
IDDP	Individuals - Distinguished Persons
IDDR	Individuals - Doctors
IDENG	Individuals - Engineers
IDFF	Individuals - Freedom Fighters
IDNUR	Individuals - Nurses
IDOTH	Individuals - Others
IDPR	Individuals - Press
IDPVT	Individuals - Private
IDRCO	Individuals - Retd Govt Govt Officers
IDRPO	Individuals - Retd Post Officers
IDRSO	Individuals - Retd State Govt Officers
IDRTO	Individuals - Retd Telecom Officers
IN	Industry
INCP	Central Public Sector
INCS	Co-operative Sector
INJS	Joint Sector Undertakings
INLI	Large Industries - Private
INMI	Medium Industries
INOTH	Other Industries
INSP	State Public sector
INSSI	Industry - Small Scale Industries
PC	Public Call Offices
PCCP	CCB PCOs - Postal
PCCPV	CCB PCOs - Private
PCCSL	CCB PCOs - Slum
PCCT	CCB PCOs - Telecom
PCLPG	Local PTs - Grocer
PCLPH	Local PTs - Handicapped
PCLPP	Local PTs - Postal
PCLPT	Local PTs - Telecom
PCOTH	STD PTs - Others
PCSG	STD PTs - Grocer

PCSH	STD PTs - Handicapped
PCSP	STD PTs - Private
PCST	STD PTs - Telecom
PCSUP	STD PTs - Postal Unmanned
PCSUT	STD PTs - Telecom Unmanned
PI	Public Institutions
PICEI	Central Schools / Colleges / Universities
PICH	Cental Hospitals
PICI	Charitable Institutions
PICO	Cultural Organisations
PINA	Press and News Agencies
PIOTH	Others
PIPEI	Private Schools / Colleges / Universities
PIPH	Private Hospitals
PIPP	Political parties
PIPR	Press and News Papers
PIRI	Religious Institutions
PISEI	State Schools / Colleges / Universities
PISH	State Hospitals

4.19 Table Name: Category

Purpose: To keep track of the subscriber's category

Sl No	Field Name	Field Type	Field Width	Field Description
1.	Catg_Des	C	50	Code Description
2.	Catg_Code	N	2	Category Code

List of Category Code:

Code	Description
11	Tatkal
21	OYT Special
22	OYT General
31	Non OYT SS
32	Non OYT Special
33	Non OYT General
41	Departmental
51	Swatantrata Senani (SWS)

4.20 Table name: Staff_Code table

Purpose: To keep the staff codes and names wherever required in the application packages.

Sl No	Field Name	Field Type	Field Width	Field Description
1.	Staff_Name	C	50	Staff Name
2.	Staff_Cd	N	3	Staff Code

4.21 Table Name: Usage Code Table

Purpose: To keep track of the Usage Code of subscriber

Sl No	Field Name	Field Type	Field Width	Field Description
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1.	Usage_Des	C	50	Usage Description
2.	Usage_Code	C	1	Usage Code

List Of Usage Codes:

Code	Descriptions
1	Office
2	Residence
3	Business
4	Business Cum Residence
5	Others

4.22 Table Name: Payment Mode Table structure

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Paymt_Des	C	50	Payment Description
2.	Paymt_Mode	C	1	C-Cash, D-Draft

Paymt_Mode	Payment Description
C	Cash
D	Draft
Q	Cheque etc.,

4.23 Table Name: Status Code Table

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Status_Des	C	50	Status Description
2.	Status_Code	C	1	Status Code

Code	Description
W	Working
N	Non-Payment (Temp Disconnection)
S	Short term safe custody
L	Long term safe custody
H	Shift
C	Closure
D	Permanent disconnection
A	Spare

4.24 Table name: Transfer Code Table

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Tranfer_Des	C	50	Transfer type Description
2.	Tranfer_Code	C	3	Transfer Code

Code	Description
T01	Legal hirer on death of original
T02	Blood Relation
T03	Due to marriage / Change of Name
T04	Statutory change in Govt Dept, Public Undertaking

T05	Due to Sale / Dissolution of a firm
T06	Employer to Employee
T07	Employee to employer
T08	Propreitary concern to proprietor
T09	Third Party transfer

4.25 Table name : Accesory_Mast Table

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Acc_Desc	C	50	Accesory Description
2.	Acc_Code	C	5	Accesory Code
3.	Acc_rent	N	10 2	Accesory rent
4.	Acc_Dt_Eff	D	8	Accesory rent date of effect
5.	Acc_Inst_Chg	N	10 2	Accesory installation charge

The Items Nos. 3 and 4 may be maintained in TRA system only because they are tariff related.

List of Accesory Codes

Accesory / Equipment Code	Accesory / Equipment Description
AACD	Automatic Advice of Chargeable Duration
AB	Additional Battery
ABD	Abbreviated Dialling
ABRD1	Abbreviated Dialling - Single Unit Dialling
ABRD2	Abbreviated Dialling - Double Digit Code
AFE	All Facilities of E10B Exchange Taken together
AP	Ampliphone
APB	Asoka Push Button Telephone
AS	Additional Socket
AWU	Automatic Wake Up
CAW	Call Waiting
CCB	Coin Collection Box
CLT	Cordless Telephone
CNG	Collective Number Group of Telex
CONF	Conference Faciltiy
CTR	Call Transfer
CTS	Complete Telephone Set
DCS	Directory Charges
DP	Dictaphone
EBS	One Extra Bell with Switch
EE	Plan 104 External Extension Exeeding 5 Km
EPBX	Electronic PABX
EPXHS	Extendable Hotel Type & Epabxs Sub Owned
EPXOS	Extendable Ordinary Type & Epabxs Sub Owned
EXB	Extra Bell
EXPH	Extendable Hotel Type Epbxs and Epabxs
EXPO	Extendable Ord Type Epbxs and Epabxs
FAS	Fire Alarm Service
FAXPB	FAX - Public Use
FAXPV	FAX - Private Use
FBT	Forehead and Breast Telephone Set
FMR	Fortnightly Meter Reading
HL	Hotline Line Facilty
HS	Hand SET
IE01	Plan 101-Internal Extn. W/O Int. Commn
IE03	Plan 103-Internal Extension with Icf
IE05	Internal Extension Without Interconn
ISD	Internal Subscriber Dialling
LC10	Long Cord Upto 10 Meters.
LC15	Long Cord Upto 15 Meters.
LC20	Long Cord Upto 20 Meters.

LC25	Long Cord Upto 25 Meters.
LC30	Long Cord Upto 30 Meters.
LC35	Long Cord Upto 35 Meters.
LC40	Long Cord Upto 40 Meters.
LC45	Long Cord Upto 45 Meters.
LC50	Long Cord Upto 50 Meters.
LST	Loud Speaking Telephone
MODD	Data Transmission Set with Department Modem
MODS	Date Transmission Set with Customers Modem
PABX	Electro Mech. Pvt Auto Branch Exchange
PABXS	Electro Mech. Pvt Auto Brach Exg. Sub Owned
PBXH	Extendable Hotel Type Pbxs
PBXHS	Extendable Hotel Type Pbxs and Pabxs Sub Owned
PBXO	Extendable Ordinary Type Pbxs & Pabxs
PBXOS	Extendable Ordinary Type Pbxs & Pabxs Sub Owned
PECN	PBX External Connection
PFR	Perforator to Telex Connection
PICN	PBX Internal Connection
PMBX	Private Manual Branch Exchange
PMBXS	Pvt. Manual Brach Exng. Subscriber Owned
PP	Power Pack To Telex
PS2	One Plug and 2 Sockets
RRS	Register Reminder Service
RSTD	Restoration of E10B STD Barring Facility
SCP	Secraphone
STD	Subsrciber Trunk Dialling
SW	Switching Unit To Telex
TXR	Transmitter To Telex

4.26 Table name : Prof_Code table

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Prof_Desc	C	50	Profession Description
2.	Prof_Code	C	3	profession Code

List of Profession Codes and Descriptions:

Code	Descriptions
DOC	Doctor
BAN	Bank
ENG	Engineering
VEG	Vegetables and Fruits
HOT	Hotels
AUT	Automobiles
AUD	Auditors etc.

4.27 Table name : Con_Master table

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Ind_Fl_Des	C	50	Indicator Flag Description
2.	Ind_Flag	C	1	Indicator Flag Code

List of Indicator Flag Code and Description:

Code	Description
0	Spare
1	Unlisted - STD Barred

2	Unlisted - with STD
3	DOT - Service STD barred
4	DOT - Service with STD
5	Normal - STD barred
6	Normal - with STD
7	PCO - STD barred
8	PCO - with STD
9	DOT - Engineering Connection etc.

4.28 Table name : Govt_Master table

S1 No	Field Name	Field Type	Field Width	Field Description
1.	GovtCd_Des	C	50	Government Code Description
2.	Govt_Code	N	1	Government Code

Code	Description
0	Non Government or Private
1	Central Government
2	State Government

4.29 Table name : Synonym_Master table

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Synonym_Des	C	50	Synonym Code Description
2.	Synonym_Cd	N	3	Synonym Code

Code	Description
001	Abubakar
002	Ahmed
003	Anand
004	Baskar
005	Sharma
006	Srinivasa Srivastava etc.

4.30 Table name : Pay_Place table

Purpose: To have description of Payment Places.

S1 No	Field Name	Field Type	Field Width	Field Description
1.	Place_Des	C	50	Payment Place Name
2.	Paymt_Pla	C	3	Payment Place Code

Example of the Payment place coding:

Code	Description
C01	Cash Counter -1
C02	Cash Counter -2
CT1	Central Telegraph office -1
HP1	Head Post office -1
P01	Post Office -1
P02	Post Office -2 etc.

5.0 New technologies - master database related tables

5.1 Table name : GSM Master

S1 No	Field Name	Field Type	Field Width	Field Description
1.	COUNTRY_ID	C	3	Country code
2.	CIRCLE_ID		3	Circle code
3.	CIR_NAME	C	50	Name of circle
4.	STATE_ID	C	2	State code
5.	STATE_NAME		10	State name
6.	SSA_ID		6	SSA code
7.	SSA_NAME		100	SSA Name
8.	SDCA_ID		10	SDCA Code
9.	ORG_ID	C		Organization code
10.	ZONE_ID	C	50	Name of Zones
11.	CITY_ID		5	City code
12.	CITY_NAME		30	Name of city
13.	STD_CODE		10	STD code
14.	ADDRESS 1		50	Address details
15.	ADDRESS 2		50	Address details
16.	PINCODE		6	Pincode
17.	LONGITUDE		9,6	
18.	LATITUDE		9,6	
19.	VENDOR_ID		10	vendor code
20.	LOC_ID		10	Location code
21.	LOC_NAME		30	Location code
22.	BSC_ID		10	Primary key for BSC
23.	BSC_NAME		100	BSC name
24.	BSC_TYPE		5	Type of BSC
25.	BSC_RNCS_IP		50	IP addresses of RNCs
26.	NO_OF_BTS		11	No of BTS in SSA
27.	OMCR_ID		3	Primary key for OMCR
28.	OMCR_NAME		30	OMCR name
29.	OMCR_IP		15	
30.	OMCR_PORT		6	
31.	OMCR_USER_NAME		20	
32.	ADDED_BY		10	Record added by
33.	ADDED_DT			date of record created
34.	UPDATED_BY		10	record updated by
35.	UPDATED_DT			Date of record updated
36.	STATUS	C	1	
37.	LAST_PROCESS_ID		20	File process detail
38.	LAST_PROCESS_DT			
39.	LAST_PROC_STATUS		2	
40.	LAST_FILE_NAME		50	Last file name
41.	FILE_NAME		500	
42.	LAST_PROC_REMARKS		500	

5.2 Table name : User master

S1 No	Field Name	Field Type	Field Width	Field Description
1.	USER_ID		10	
2.	BSC_USERNAME		50	
3.	PASSWORD		30	

4.	PWD_CHG_DT		
5.	Employee_NO		9
6.	FIRST_NAME		50
7.	MIDDLE_NAME		50
8.	LAST_NAME		50
9.	EMAIL_ID		100

5.3 Table name : BSC master

S1 No	Field Name	Field Type	Field Width	Field Description
1.	BSC_ID		10	Primary key for BSC
2.	BSC_NAME		100	BSC name
3.	BSC_TYPE		5	Type of BSC
4.	BSC_RNCS_IP		50	IP addresses of RNCs
5.	NO_OF_BTS		11	No of BTS in SSA
6.	OMCR_ID		3	Primary key for OMCR
7.	OMCR_NAME		30	OMCR name
8.	OMCR_IP		15	
9.	OMCR_PORT		6	
10.	OMCR_USER_NAME		20	
11.	ADDED_BY		10	Record added by
12.	ADDED_DT			date of record created
13.	UPDATED_BY		10	record updated by
14.	UPDATED_DT			Date of record updated
15.	C_STATUS		1	
16.	LAST_PROCESS_ID		20	File process detail
17.	LAST_PROCESS_DT			
18.	LAST_PROC_STATUS		2	
19.	LAST_FILE_NAME		50	Last file name
20.	FILE_NAME		500	
21.	LAST_PROC_REMARKS		500	
22.	USER_ID		10	
23.	BSC_USERNAME		50	
24.	PASSWORD		30	
25.	PWD_CHG_DT			
26.	HRMS_NO		9	
27.	FIRST_NAME		50	
28.	MIDDLE_NAME		50	
29.	LAST_NAME		50	
30.	EMAIL_ID		100	
31.	BTS_ID		10	Primary code for BTS
32.	BTS_NAME		100	
33.	C_TECHNOLOGY		15	
34.	BTS_LOCATION		100	Landmark
35.	BTS_SITE_ID		100	BTS Unique Id as per OMCR
36.	BTS_AREA		1	
37.	SITE_TYPE		2	
38.	BTS_STATUS		1	
39.	BTS_LATITUDE		100	
40.	BTS_LONGITUDE		100	
41.	BTS_STATUS_DT			BTS status date
42.	C_OPERATOR			
43.	N_SECTOR_CNT			
44.	C_RF_CABLE_TYPE		20	
45.	C_MEDIA		20	
46.	N_A1_HEIGHT			
47.	N_A2_HEIGHT			
48.	N_A3_HEIGHT			
49.	N_A4_HEIGHT			
50.	LOG_DT			Date of log
51.	LOG_ID		10	Primary code for log
52.	PRIVILEGE_ID		11	
53.	PRIVILEGE_DESC		50	
54.	PRIVILEGE_TYPE		3	
55.	ROLE_ID		10	

56. ROLE_NAME 30

5.4 Table name : OFC

S1 No	Field Name	Field Type	Field Width	Field Description
1.	OFC_CD	C	20	PRIMARY KEY
2.	CABLE_SIZE	C	3	
3.	Cable_YPE	C	20	
4.	CABLE_MAKE	C	10	
5.	INSTAL_TYPE	C	20	
6.	INSTAL_DT	D		
7.	WORKING_CNT	N		no.of fibers working
8.	SPARE_CNT	N		number of spare fibers
9.	FAULTY_CNT	N		number of faulty fibers
10.	DARK_FIB_ALLOC	C	200	
11.	FIB_ID_MAP	C	200	
12.	CABLE_MODE	C	20	
13.	PROTECTION	C	20	

5.5 Table name : DUCT

S1 No	Field Name	Field Type	Field Width	Field Description
1.	DUCT_CD	C	20	duct code
2.	DUCT_SIZE	C	20	width*length*height
3.	PIPE_SIZE	N		Inch
4.	PIPE_CNT	N		
5.	PIPE_USED	N		
6.	PIPE_SPARE	N		
7.	TOTAL_OF_CABLE	N		
8.	MAN_HOLE			
9.	HAND_HOLE			

5.6 Table name : OFC Splicing

S1 No	Field Name	Field Type	Field Width	Field Description
1.	OFC_DET_CD	C	20	OFC detail primary key
2.	TYPE	C	20	Overhead/Underground
3.	SUPPORT_TYPE	C	20	
4.	JOINT_CD	C	20	
5.	JOINT_TYPE	C	20	
6.	JOINT_MAKE	C	20	
7.	SPLICING_REMARKS	C	100	
8.	SPLICING_BY	C	20	HRMS Number
9.	LAST_ATTENDED	D		DDMMYYYY:HR:MM
10.	FDF_CD	C	20	Fiber distribution code
11.	FDF_NO	C	2	
12.	FDF_CAPACITY	N		
13.	N_FDF_WORKING	N		
14.	FDF_SPARE	N		
15.	OFC_SYS_CD	C	20	OFC system code
16.	SYS_TYPE	C	20	
17.	SYS_CONFIG	C	10	
18.	SYS_MAKE	C	20	
19.	SYS_INSTAL_DT	D		
20.	DWDM_CAPACITY	C	20	Lamda
21.	SYS_LOC	C	20	
22.	OFC_EQUIP_CD	C	20	OFC equipment code
23.	ROUTE_NAME	C	100	
24.	RACK_ID	C	20	
25.	SLOT_ID	C	20	

26.	CARD_ID	C	20
27.	PORT_ID	C	20

5.7 Table name : Battery

S1 No	Field Name	Field Type	Field Width	Field Description
1.	BATT_TYPE	C	20	
2.	BATT_CAPACITY	C	20	
3.	BATT_MAKE	C	20	
4.	BATT_SET_CNT	N		
5.	BATT_INSTAL_DT	D		
6.	DG_CAPACITY	C	20	
7.	DG_MAKE	C	20	
8.	DG_SET_CNT	N		
9.	DG_INSTAL_DT	D		
10.	ELECT_CONN_TYPE	C	2	
11.	ELECT_CAP	C	2	
12.	AC_TYPE	C	10	
13.	AC_MAKE	C	10	
14.	AC_CAP	C		
15.	AC_CNT	C		

5.8 Table name : Tower

S1 No	Field Name	Field Type	Field Width	Field Description
1.	TOWER_SITE_CD	C	20	tower site code
2.	SITE_NAME	C	100	Name of site
3.	OWNERSHIP	C	10	
4.	STIE_TYPE	C	10	
5.	HUT_TYPE	C	10	
6.	HUT_SIZE	C		Length x Width x Height
7.	TOWER_CD	C	20	tower code
8.	TOWER_LOC	C	100	
9.	TOWER_TYPE	C	20	
10.	TOWER_HEIGHT	C		
11.	EXCH_ID		6	Exchange id
12.	EXCH_NAME		100	
13.	EXCHANGE_TYPE	C	10	
14.	EXCHANGE_CAT	C	2	
15.	LOCATION	C	100	
16.	LANDMARK	C	200	
17.	MDF_ID	C	10	MDF code
18.	PILLAR_CD	C	20	Pillar code
19.	PILLAR_LOC	C	20	
20.	PILLAR_CAPACITY	N		
21.	CTBOXPILL_NO	N	10	No of CT Box in pillar
22.	Wkqpair_pillar	C		
23.	Faultypair_pillar	C		Faulty pairs in Pillar

5.9 Table name : Primary cable

S1 No	Field Name	Field Type	Field Width	Field Description
1.	CABLE_CD	C	10	Primary or Distribution cable id
2.	CABLE_SIZE	C	10	

3.	CABLE_CAT	C	10	
4.	CABLE_TYPE	C	10	
5.	DIST_CABLE_CD	C	20	
6.	CABLE_TERM	C	20	Number of cables terminated at ECGH
7.	JOINT_NO	C	10	In case Primary cable ends in a joint
8.	Wkg_PAIR	C	10	working pair in distribution cable
9.	FLTY_PAIRS	C	10	FAULTY PAIRS IN PRIMARY CABLE
10.	CBLRT MDF PILLAR_JOINT		200	
11.	VERTICAL_NO	C	40	
12.	DP_CD	C	20	
13.	DP_LOC	C	100	DP Location
14.	DP_NO	C	30	DP Number (alphanumeric)
15.	DP_CAPACITY	N	10	Distribution point DP capacity
16.	CTBOXPILL_NO	N		No of CT box in DP
17.	wkqpair_DP	C		working pair in DP
18.	faultypair_DP	C		Faulty pair in DP
19.	DP_LANDMARK	C	200	
20.	LENGTH_MTR	N		
21.	JOINT_CD	C	20	Distribution joint no
22.	JOINT_CAPACITY	C		UG joint capacity

5.10 Table name : FTTH

S1 No	Field Name	Field Type	Field Width	Field Description
1.	FTTH_CD	C	20	
2.	FTTH_LOC	C	20	BASE LOCATION
3.	FTTHTECH_TYPE	C	10	Type of technology
4.	OLT_Loc	C		OLT location
5.	OLT_Acqus.	C		OLT acquisition type
6.	OLT_VEN	C		OLT Vendor name
7.	OLT_CAPACITY	C		
8.	OLT_TYPE	C		
9.	SPLT_LOC	C		Splitter location
10.	SPLT_TYPE	C		Splitter type
11.	ONT_LOC	C		
12.	ONT_TYP	C		
13.	ONT_ACQUS	C		ONT Acquisition type
14.	ONT_VENDOR	C		ONT Vendor

5.11 Table name : BROADBAND

S1 No	Field Name	Field Type	Field Width	Field Description
1.	BB_HOSTNAME	B	50	Hostname
2.	BB_CAPACITY	B	4	Total Ports Capacity
3.	BB_LINK_TYPMED	B	50	
4.	BB_INSTALL	B		Year of Installation
5.	BB_MAKE	B	50	Make and Model Type
6.	BB_PORT_UTILIZATION	B	6	No of Ports Utilized
7.	BB_HEALTH_STATUS	B	1	Real Time Health Status
8.	BB_LINK_STATUS	B	1	Uplink & downlink Health Status
9.	BB_LINK_CAPACITY	B	4	Uplink Capacity
10.	BB_VALIDATION	B		Validation

5.12 Table name: CIRCLE NAME

CIRCLE_ID	CIRCLE_NAME	ORG_ID	STATE_ID	COUNTRY_ID	ZONE
AN	ANDAMAN NICOBAR	ORG001	AN	IND	E

AP	ANDHRA PRADESH	ORG001	AP	IND	S
AS	ASSAM	ORG001	AS	IND	E
BR	BIHAR	ORG001	BR	IND	E
CG	CHHATTISGARH	ORG001	CG	IND	W
CN	CHENNAI TD	ORG001	TN	IND	S
GJ	GUJARAT	ORG001	GJ	IND	W
HP	HIMACHAL PRADESH	ORG001	HP	IND	N
HR	HARYANA	ORG001	HR	IND	N
JH	JHARKHAND	ORG001	JH	IND	E
JK	JAMMU AND KASHMIR	ORG001	JK	IND	N
KA	KARNATAKA	ORG001	KA	IND	S
KL	KERALA	ORG001	KL	IND	S
KO	KOLKATA TD	ORG001	WB	IND	E
MH	MAHARASHTRA	ORG001	MH	IND	W
MP	MADHYA PRADESH	ORG001	MP	IND	W
N1	NORTH EAST-I	ORG001	SK	IND	E
N2	NORTH EAST-II	ORG001	ML	IND	E
OR	ORISSA	ORG001	OR	IND	E
PB	PUNJAB	ORG001	PB	IND	N
RJ	RAJASTHAN	ORG001	RJ	IND	N
TN	TAMILNADU	ORG001	TN	IND	S
TS	TELANGANA	ORG001	TS	IND	S
UE	UTTAR PRADESH EAST	ORG001	UP	IND	N
UK	UTTARAKHAND	ORG001	UK	IND	N
UW	UTTAR PRADESH WEST	ORG001	UP	IND	N
WB	WEST BENGAL	ORG001	WB	IND	E

5.13 Table name: SSA NAME

SSA_ID	SSA_NAME	CIRCLE_ID	ORG_ID	STATE_ID	COUNTRY_ID
ANAND	PORT BLAIR	AN	ORG001	AN	IND
APSRI	SRIKAKULAM	AP	ORG001	AP	IND
APVIJ	KRISHNA (VIJAYAWADA)	AP	ORG001	AP	IND
APVIS	VISHAKHAPATNAM	AP	ORG001	AP	IND
APVIZ	VIZAYANAGARAM	AP	ORG001	AP	IND
APWAR	WARANGAL	AP	ORG001	TS	IND
TSNIZ	NIZAMABAD	AP	ORG001	TS	IND
TSWAR	WARANGAL	AP	ORG001	TS	IND
TSSAN	MEDAK (SANGAREDDY)	AP	ORG001	TS	IND
TSRAN	RANGAREDDY	AP	ORG001	TS	IND
TSNAL	NALGONDA	AP	ORG001	TS	IND
TSMAH	MAHABUBNAGAR	AP	ORG001	TS	IND
TSKHA	KHAMMAM	AP	ORG001	TS	IND
TSKAR	KARIMNAGAR	AP	ORG001	TS	IND

TSHYD	HYDERABAD	AP	ORG001	TS	IND
TSADI	ADILABAD	AP	ORG001	TS	IND
APSAN	MEDAK (SANGAREDDY)	AP	ORG001	TS	IND
APRAN	RANGAREDDY	AP	ORG001	TS	IND
APRAJ	EAST GODAVARI (Rajam	AP	ORG001	AP	IND
APADI	ADILABAD	AP	ORG001	TS	IND
APANA	ANANTPUR	AP	ORG001	AP	IND
APCHI	CHITTOOR(TIRUPATI)	AP	ORG001	AP	IND
APCUD	CUDDAPAH	AP	ORG001	AP	IND
APGTR	GUNTUR	AP	ORG001	AP	IND
APHYD	HYDERABAD	AP	ORG001	TS	IND
APKAR	KARIMNAGAR	AP	ORG001	TS	IND
APELU	WEST GODAVARI (ELURU	AP	ORG001	AP	IND
APKUR	KURNOOL	AP	ORG001	AP	IND
APKHA	KHAMMAM	AP	ORG001	TS	IND
APONG	PRAKASAM (ONGOLE)	AP	ORG001	AP	IND
APNIZ	NIZAMABAD	AP	ORG001	TS	IND
APNEL	NELLORE	AP	ORG001	AP	IND
APNAL	NALGONDA	AP	ORG001	TS	IND
APMAH	MAHABUBNAGAR	AP	ORG001	TS	IND
ASBON	BONGAIGAON	AS	ORG001	AS	IND
ASTEZ	TEZPUR	AS	ORG001	AS	IND
ASNAG	NAGAON	AS	ORG001	AS	IND
ASTIN	DIBRUGARH	AS	ORG001	AS	IND
ASKAM	KAMRUP	AS	ORG001	AS	IND
ASJOR	JORHAT	AS	ORG001	AS	IND
ASSIL	SILCHAR	AS	ORG001	AS	IND
BRMUZ	MUZAFFARPUR	BR	ORG001	BR	IND
BRSAS	SASARAM	BR	ORG001	BR	IND
BRSAM	SAMASTIPUR	BR	ORG001	BR	IND
BRSAH	SAHARSA	BR	ORG001	BR	IND
BRPAT	PATNA	BR	ORG001	BR	IND
BRMOT	MOTIHARI	BR	ORG001	BR	IND
BRBEG	BEGUSARAI	BR	ORG001	BR	IND
BRBET	BETTIAH	BR	ORG001	BR	IND
BRBHA	BHAGALPUR	BR	ORG001	BR	IND
BRCHA	CHAPRA	BR	ORG001	BR	IND
BRDAR	DARBHANGA	BR	ORG001	BR	IND
BRGAY	GAYA	BR	ORG001	BR	IND
BRHAJ	HAJIPUR	BR	ORG001	BR	IND
BRKAT	KATI HAR	BR	ORG001	BR	IND
BRKHA	KHAGARIA	BR	ORG001	BR	IND
BRKIS	KISHANGANJ	BR	ORG001	BR	IND
BRMAD	MADHUBANI	BR	ORG001	BR	IND
BRMON	MUNGER	BR	ORG001	BR	IND

BRARR	ARRAH	BR	ORG001	BR	IND
CGRYP	RAIPUR	CG	ORG001	CG	IND
CGAKR	Sarguja	CG	ORG001	CG	IND
CGBLP	BILASPUR	CG	ORG001	CG	IND
CGDUG	DURG	CG	ORG001	CG	IND
CGRIH	RAIGARH	CG	ORG001	CG	IND
CGJGP	BASTAR	CG	ORG001	CG	IND
CNKEL	DE_KEL	CN	ORG001	TN	IND
CNKOY	DE_KOY	CN	ORG001	TN	IND
CNCHI	CHENNAI (TD)	CN	ORG001	TN	IND
CNFBR	DE_FBR	CN	ORG001	TN	IND
CNKCM	DE_KCM	CN	ORG001	TN	IND
CNtvr	DE_TVLR	CN	ORG001	TN	IND
CNTBM	DE_TBM	CN	ORG001	TN	IND
CNSTM	DE_STM	CN	ORG001	TN	IND
CNRKN	DE_RKN	CN	ORG001	TN	IND
GJVDA	VADODARA	GJ	ORG001	GJ	IND
GJSRT	SURAT	GJ	ORG001	GJ	IND
GJSEN	SURENDRANAGAR	GJ	ORG001	GJ	IND
GJRJT	RAJKOT	GJ	ORG001	GJ	IND
GJAHD	AHMEDABAD	GJ	ORG001	GJ	IND
GJAMR	Amreli	GJ	ORG001	GJ	IND
GJBCH	BHARUCH	GJ	ORG001	GJ	IND
GJBHV	BHAVNAGAR	GJ	ORG001	GJ	IND
GJBUJ	BHUJ	GJ	ORG001	GJ	IND
GJGDR	GODHRA	GJ	ORG001	GJ	IND
GJHMR	HIMATNAGAR	GJ	ORG001	GJ	IND
GJJMN	JAMNAGAR	GJ	ORG001	GJ	IND
GJJND	JUNAGADH	GJ	ORG001	GJ	IND
GJMSN	MEHSANA	GJ	ORG001	GJ	IND
GJNDD	NADIAD	GJ	ORG001	GJ	IND
GJPLR	PALANPUR	GJ	ORG001	GJ	IND
GJVAL	VALSAD	GJ	ORG001	GJ	IND
HPSOL	SOLAN	HP	ORG001	HP	IND
HPHAM	HAMIRPUR (HP)	HP	ORG001	HP	IND
HPKAN	KANGRA (DHARAMSALA)	HP	ORG001	HP	IND
HPKUL	KULLU	HP	ORG001	HP	IND
HPMAN	MANDI	HP	ORG001	HP	IND
HPSHI	SHIMLA	HP	ORG001	HP	IND
HRSON	SONIPAT	HR	ORG001	HR	IND
HRJIN	JIND	HR	ORG001	HR	IND
HRAMB	AMBALA	HR	ORG001	HR	IND
HRFAR	FARIDABAD	HR	ORG001	HR	IND
HRGUR	GURGAON	HR	ORG001	HR	IND
HRROH	ROHTAK	HR	ORG001	HR	IND

HRREW	REWARI(NARNAUL)	HR	ORG001	HR	IND
HRHIS	HISSAR	HR	ORG001	HR	IND
HRKAR	KARNAL	HR	ORG001	HR	IND
JHDEO	DUMKA	JH	ORG001	JH	IND
JHDHA	DHANBAD	JH	ORG001	JH	IND
JHHAZ	HAZARIBAGH	JH	ORG001	JH	IND
JHRAN	RANCHI	JH	ORG001	JH	IND
JHDAL	DALTONGANJ	JH	ORG001	JH	IND
JHJAM	JAMSHEDPUR	JH	ORG001	JH	IND
JKUDH	UDHAMPUR	JK	ORG001	JK	IND
JKRAJ	RAJOURI	JK	ORG001	JK	IND
JKLEH	LEH	JK	ORG001	JK	IND
JKJAM	JAMMU	JK	ORG001	JK	IND
JKSRI	SRINAGAR	JK	ORG001	JK	IND
KABID	BIDAR	KA	ORG001	KA	IND
KATUM	TUMKUR	KA	ORG001	KA	IND
KASHI	SHIMOGA	KA	ORG001	KA	IND
KARAI	RAICHUR	KA	ORG001	KA	IND
KAMYS	MYSORE	KA	ORG001	KA	IND
KAMAN	MANDYA	KA	ORG001	KA	IND
KAHAS	HASSAN	KA	ORG001	KA	IND
KAGUL	GULBARGA	KA	ORG001	KA	IND
KADEV	DAVANGERE	KA	ORG001	KA	IND
KACHI	CHIKMAGALUR	KA	ORG001	KA	IND
KABGM	BELGAUM	KA	ORG001	KA	IND
KABEL	BELLARY	KA	ORG001	KA	IND
KABAN	BANGALORE	KA	ORG001	KA	IND
KAKOD	KODAGU	KA	ORG001	KA	IND
KABAJ	BIJAPUR	KA	ORG001	KA	IND
KAKOL	KOLAR	KA	ORG001	KA	IND
KAKWR	KARWAR	KA	ORG001	KA	IND
KAMAG	MANGALORE	KA	ORG001	KA	IND
KAHUB	HUBLI	KA	ORG001	KA	IND
KLEKM	ERNAKULAM	KL	ORG001	KL	IND
KLTVM	THIRUVANANTHAPURAM	KL	ORG001	KL	IND
KLALP	ALAPPUZHA	KL	ORG001	KL	IND
KLKGD	KOZHICKODE	KL	ORG001	KL	IND
KLKLM	KOLLAM	KL	ORG001	KL	IND
KLKNR	KANNUR	KL	ORG001	KL	IND
KLKTM	KOTTAYAM	KL	ORG001	KL	IND
KLMLP	MALAPPURAM	KL	ORG001	KL	IND
KLPKD	PALAKKAD	KL	ORG001	KL	IND
KLPTA	PATHANAMTHITTA	KL	ORG001	KL	IND
KLTCR	TRISSUR	KL	ORG001	KL	IND
KOUTP	UTTARPARA	KO	ORG001	WB	IND

KOSTH	SOUTH	KO	ORG001	WB	IND
KOSRM	SREERAMPORE	KO	ORG001	WB	IND
KONRT	NORTH	KO	ORG001	WB	IND
KOALP1	ALIPORE1	KO	ORG001	WB	IND
KOALP2	ALIPORE2	KO	ORG001	WB	IND
KOBDN1	BIDHANNAGAR1	KO	ORG001	WB	IND
KOBDN2	BIDHANNAGAR2	KO	ORG001	WB	IND
KOBKP1	BARRACKPORE1	KO	ORG001	WB	IND
KOBKP2	BARRACKPORE2	KO	ORG001	WB	IND
KOCAL	Kolkata TD	KO	ORG001	WB	IND
KOJDP	JADHAVPUR	KO	ORG001	WB	IND
KOHRH	HOWRAH	KO	ORG001	WB	IND
KOCTY	CITY	KO	ORG001	WB	IND
KOCNT	CENTRAL	KO	ORG001	WB	IND
MHPUN	PUNE	MH	ORG001	MH	IND
MHRGD	RAIGAD	MH	ORG001	MH	IND
MHRTG	RATNAGIRI	MH	ORG001	MH	IND
MHSDD	SINDHUDURG	MH	ORG001	MH	IND
MHSNG	SANGLI	MH	ORG001	MH	IND
MHSPR	SOLAPUR	MH	ORG001	MH	IND
MHWDA	WARDHA	MH	ORG001	MH	IND
MHYML	YAVATMAL	MH	ORG001	MH	IND
MHSTR	SATARA	MH	ORG001	MH	IND
MHPRB	PARBHANI	MH	ORG001	MH	IND
MHPJM	PANJIM	MH	ORG001	GA	IND
MHDIA	DHULIA	MH	ORG001	MH	IND
MHCHA	CHANDRAPUR	MH	ORG001	MH	IND
MHBNR	BHANDARA	MH	ORG001	MH	IND
MHBHR	BEED	MH	ORG001	MH	IND
MHATI	AMRAVATI	MH	ORG001	MH	IND
MHANR	AHMEDNAGAR	MH	ORG001	MH	IND
MHAKL	AKOLA	MH	ORG001	MH	IND
MHAGD	AURANGABAD	MH	ORG001	MH	IND
MHGDC	GADCHIROLI	MH	ORG001	MH	IND
MHJAL	JALGAON	MH	ORG001	MH	IND
MHJLN	JALNA	MH	ORG001	MH	IND
MHOSD	OSMANABAD	MH	ORG001	MH	IND
MHNSK	NASHIK	MH	ORG001	MH	IND
MHNND	NANDED	MH	ORG001	MH	IND
MHNGP	NAGPUR	MH	ORG001	MH	IND
MHLTR	LATUR	MH	ORG001	MH	IND
MHKYN	KALYAN	MH	ORG001	MH	IND
MHKLP	KOLHAPUR	MH	ORG001	MH	IND
MHKGN	BULDHANA	MH	ORG001	MH	IND
MPRSN	Raisen	MP	ORG001	MP	IND

MPRWA	REWA	MP	ORG001	MP	IND
MPSAU	SAGAR	MP	ORG001	MP	IND
MPSDI	SIDHI	MP	ORG001	MP	IND
MPSHL	SHAHDOL	MP	ORG001	MP	IND
MPSJR	SHAJAPUR	MP	ORG001	MP	IND
MPSOI	SEONI	MP	ORG001	MP	IND
MPSTA	SATNA	MP	ORG001	MP	IND
MPSVI	SHIVPURI	MP	ORG001	MP	IND
MPUJN	UJJAIN	MP	ORG001	MP	IND
MPVSA	VIDISHA	MP	ORG001	MP	IND
MPRLM	RATLAM	MP	ORG001	MP	IND
MPBLG	Balaghat	MP	ORG001	MP	IND
MPDHR	DHAR	MP	ORG001	MP	IND
MPCHW	Chhindwara	MP	ORG001	MP	IND
MPGWL	GWALIOR	MP	ORG001	MP	IND
MPGNA	GUNA	MP	ORG001	MP	IND
MPDWS	DEWAS	MP	ORG001	MP	IND
MPDMO	Damoh	MP	ORG001	MP	IND
MPCPU	CHHATARPUR	MP	ORG001	MP	IND
MPBTL	BETUL	MP	ORG001	MP	IND
MPBPL	BHOPAL	MP	ORG001	MP	IND
MPIND	INDORE	MP	ORG001	MP	IND
MPITR	HOSHANGABAD	MP	ORG001	MP	IND
MPKDW	KHANDWA	MP	ORG001	MP	IND
MPKGO	KHARGONE	MP	ORG001	MP	IND
MPMDS	MANDSAUR	MP	ORG001	MP	IND
MPMLA	Mandla	MP	ORG001	MP	IND
MPMRN	MORENA	MP	ORG001	MP	IND
MPNSR	NARSINGHPUR	MP	ORG001	MP	IND
MPJBA	JHABUA	MP	ORG001	MP	IND
MPPNA	PANNA	MP	ORG001	MP	IND
MPRGA	RAJGARH	MP	ORG001	MP	IND
MPJBP	Jabalpur	MP	ORG001	MP	IND
N1TRI	TRIPURA	N1	ORG001	NE	IND
N1SHI	MEGHALAYA	N1	ORG001	NE	IND
N1AIZ	MIZORAM	N1	ORG001	NE	IND
N2NAG	NAGALAND	N2	ORG001	NE	IND
N2MAN	MANIPUR	N2	ORG001	NE	IND
N2ARU	ARUNACHAL PRADESH	N2	ORG001	NE	IND
ORBER	BERHAMPUR	OR	ORG001	OR	IND
ORSAM	SAMBALPUR	OR	ORG001	OR	IND
ORPHU	PHULBANI	OR	ORG001	OR	IND
ORBAL	BALANGIR	OR	ORG001	OR	IND
ORBAR	BARIPADA	OR	ORG001	OR	IND
ORBHA	BHAWANIPATNA	OR	ORG001	OR	IND

ORBHU	BHUBNESHWAR	OR	ORG001	OR	IND
ORBLS	BALASORE	OR	ORG001	OR	IND
ORCUT	CUTTACK	OR	ORG001	OR	IND
ORDHE	DHENKANAL	OR	ORG001	OR	IND
ORKNJ	KEONJHAR	OR	ORG001	OR	IND
ORKOR	KORAPUT	OR	ORG001	OR	IND
ORSUN	ROURKELA	OR	ORG001	OR	IND
PBSAN	SANGRUR	PB	ORG001	PB	IND
PBROP	ROPAR	PB	ORG001	PB	IND
PBPHK	PATHANKOT	PB	ORG001	PB	IND
PBPAT	PATIALA	PB	ORG001	PB	IND
PBLUD	LUDHIANA	PB	ORG001	PB	IND
PBJAL	JALANDHAR	PB	ORG001	PB	IND
PBHOS	HOSHIARPUR	PB	ORG001	PB	IND
PBFER	FEROZEPUR	PB	ORG001	PB	IND
PBCHA	CHANDIGARH	PB	ORG001	PB	IND
PBBHA	BHATINDA	PB	ORG001	PB	IND
PBAMR	AMRITSAR	PB	ORG001	PB	IND
RJSIK	SIKAR	RJ	ORG001	RJ	IND
RJSIR	SIROHI	RJ	ORG001	RJ	IND
RJSRI	SRIGANGANAGAR	RJ	ORG001	RJ	IND
RJTON	TONK	RJ	ORG001	RJ	IND
RJUDA	UDAIPUR	RJ	ORG001	RJ	IND
RJSAW	SAWAIMADHOPUR	RJ	ORG001	RJ	IND
RJAJM	AJMER	RJ	ORG001	RJ	IND
RJPAL	PALI (MARWAR)	RJ	ORG001	RJ	IND
RJNAG	NAGAU	RJ	ORG001	RJ	IND
RJALW	ALWAR	RJ	ORG001	RJ	IND
RJBAN	BANSWARA	RJ	ORG001	RJ	IND
RJBAR	BARMER	RJ	ORG001	RJ	IND
RJBHA	BHARATPUR	RJ	ORG001	RJ	IND
RJBHI	BHILWARA	RJ	ORG001	RJ	IND
RJBIK	BIKANER	RJ	ORG001	RJ	IND
RJBUN	BUNDI	RJ	ORG001	RJ	IND
RJCHI	CHITTORGARH	RJ	ORG001	RJ	IND
RJCHU	CHURU	RJ	ORG001	RJ	IND
RJKOT	KOTA	RJ	ORG001	RJ	IND
RJSM	JAISALMER	RJ	ORG001	RJ	IND
RJJOD	JODHPUR	RJ	ORG001	RJ	IND
RJJHU	JHUNJHUNU	RJ	ORG001	RJ	IND
RJJHA	JHALAWAR	RJ	ORG001	RJ	IND
RJJAI	JAIPUR	RJ	ORG001	RJ	IND
TNVIR	VIRUDHUNAGAR	TN	ORG001	TN	IND
TNVEL	VELLORE	TN	ORG001	TN	IND
TNTUT	TUTICORIN	TN	ORG001	TN	IND

TNTRI	TRICHY	TN	ORG001	TN	IND
TNTIR	TIRUNELVELI	TN	ORG001	TN	IND
TNCOI	COIMBATORE	TN	ORG001	TN	IND
TNCOO	NILGIRIS (OOTY)	TN	ORG001	TN	IND
TNCUD	CUDDALORE	TN	ORG001	TN	IND
TNDHA	DHARMAPURI	TN	ORG001	TN	IND
TNERO	ERODE	TN	ORG001	TN	IND
TNKAR	KARAIKUDI	TN	ORG001	TN	IND
TNKUM	KUMBAKONAM	TN	ORG001	TN	IND
TNMAD	MADURAI	TN	ORG001	TN	IND
TNNAG	NAGARCOIL	TN	ORG001	TN	IND
TNPON	PONDICHERY	TN	ORG001	TN	IND
TNSAL	SALEM	TN	ORG001	TN	IND
TNTHA	THANJAVUR	TN	ORG001	TN	IND
UEMIR	MIRZAPUR	UE	ORG001	UE	IND
UEMAU	MAU	UE	ORG001	UE	IND
UELUC	LUCKNOW	UE	ORG001	UE	IND
UELAK	LAKHIMPUR KHERI	UE	ORG001	UE	IND
UEKAN	KANPUR	UE	ORG001	UE	IND
UEJHA	JHANSI	UE	ORG001	UE	IND
UEORA	ORAI	UE	ORG001	UE	IND
UEPRA	PRATAPGARH	UE	ORG001	UE	IND
UERAI	RAIBAREILLY	UE	ORG001	UE	IND
UESAH	SAHJAHANPUR	UE	ORG001	UE	IND
UESIT	SITAPUR	UE	ORG001	UE	IND
UESUL	SULTANPUR	UE	ORG001	UE	IND
UEUNN	UNNAO	UE	ORG001	UE	IND
UEVAR	VARANASI	UE	ORG001	UE	IND
UEJAU	JAUNPUR	UE	ORG001	UE	IND
UEHAR	HARDOI	UE	ORG001	UE	IND
UEHAM	HAMIRPUR (UP)	UE	ORG001	UE	IND
UEALL	ALLAHABAD	UE	ORG001	UE	IND
UEAZA	AZAMGARH	UE	ORG001	UE	IND
UEBAH	BAHRAICH	UE	ORG001	UE	IND
UEBAL	BALLIA	UE	ORG001	UE	IND
UEBAN	BANDA	UE	ORG001	UE	IND
UEBAR	BARABANKI	UE	ORG001	UE	IND
UEBAS	BASTI	UE	ORG001	UE	IND
UEDEO	DEORIA	UE	ORG001	UE	IND
UEGOR	GORAKHPUR	UE	ORG001	UE	IND
UEGON	GONDA	UE	ORG001	UE	IND
UEGHA	GHAZIPUR	UE	ORG001	UE	IND
UEFAT	FATEHPUR	UE	ORG001	UE	IND
UEFAR	FARRUKHABAD	UE	ORG001	UE	IND
UEFAI	FAIZABAD	UE	ORG001	UE	IND

UKSRI	SRINAGAR (UAL)	UK	ORG001	UK	IND
UKNEW	NEW TEHRI	UK	ORG001	UK	IND
UKNAI	NAINITAL	UK	ORG001	UK	IND
UKHAR	HARDWAR	UK	ORG001	UK	IND
UKDEH	DEHRADUN	UK	ORG001	UK	IND
UKALM	ALMORA	UK	ORG001	UK	IND
UWMAT	MATHURA	UW	ORG001	UW	IND
UWMEE	MEERUT	UW	ORG001	UW	IND
UWMOR	MORADABAD	UW	ORG001	UW	IND
UWMUZ	MUZAFFARNAGAR	UW	ORG001	UW	IND
UWNOI	NOIDA	UW	ORG001	UW	IND
UWPIL	PILBHIT	UW	ORG001	UW	IND
UWRAM	RAMPUR	UW	ORG001	UW	IND
UWSAH	SAHARANPUR	UW	ORG001	UW	IND
UWMAI	MAINPURI	UW	ORG001	UW	IND
UWGHA	GHAZIABAD	UW	ORG001	UW	IND
UWAGR	AGRA	UW	ORG001	UW	IND
UWALI	ALIGARH	UW	ORG001	UW	IND
UWBAD	BADAUN	UW	ORG001	UW	IND
UWBAR	BAREILY	UW	ORG001	UW	IND
UWBIJ	BIJNORE	UW	ORG001	UW	IND
UWBUL	BULANDSHAHR	UW	ORG001	UW	IND
UWETA	ETAH	UW	ORG001	UW	IND
UWETW	ETAWAH	UW	ORG001	UW	IND
WBKRI	KRISHNANAGAR	WB	ORG001	WB	IND
WBMAL	MALDA	WB	ORG001	WB	IND
WBPUR	PURULIA	WB	ORG001	WB	IND
WBRAI	RAIGANJ	WB	ORG001	WB	IND
WBSIL	SILIGURI	WB	ORG001	WB	IND
WBKHG	KHARAGHPUR	WB	ORG001	WB	IND
WBJAL	JALPAIGURI	WB	ORG001	WB	IND
WBGAN	GANGTOK	WB	ORG001	WB	IND
WBCOO	COOCHBEHAR	WB	ORG001	WB	IND
WBCAL	CALCUTTA	WB	ORG001	WB	IND
WBBER	BERHAMPUR-WB	WB	ORG001	WB	IND
WBBAN	BANKURA	WB	ORG001	WB	IND
WBASA	ASANSOL	WB	ORG001	WB	IND
WBSUR	SURI	WB	ORG001	WB	IND

6.0 Annexure - 2

DATA DICTIONARY

FIELD NAME	TYPE	WIDTH	DESCRIPTION	Reference Section	
ADBLA	N	2	2	Arial dist. beyond lcl area	3.1.10
Acc_Code	C	5		Accessory Code	3.1.29, 4.25
Acc_Date	D	8		Date of accessory provisin	3.1.29
Acc_Det	L	1		Accessory provided or not	3.1
Acc_Desc	C	50		Accessory Description	4.25
Acc_Dt_eff	D	8		Date of effect-accessory rent	4.25
Acc_Inst_Chg	N	10	2	Accessory Installation charge	4.25
Acc_Rent	N	10	2	Accessory Rental	4.25
Act_Code	C	5		Activity Code	3.1.7, 4.16
Act_Desc	C	40		Activity Description	4.16
AC_TYPE	C	10			5.7.12
AC_MAKE	C	10			5.7.13
AC_CAP	C				5.7.14
AC_CNT	C				5.7.15
ADDED_BY		10		Record added by	5.1.32, 5.3.11
ADDED_DT				date of record created	5.1.33, 5.3.12
ADDRESS 1		50		Address details	5.1.14
ADDRESS 2		50		Address details	5.1.15
Adj_SDCC_Cd	C	5		Adjacent SDCC Code	4.5
Adj_SDCC_Nm	C	50		Adjacent SDCC Name	4.5
Adj_Amt	N	10	2	Amt Adjusted in the Bill	3.3b
Adv_Date	D	8		Advice Note Date	3.1.7
Adv_No	C	10		Advice Note Number	3.1.7
Adv_Nt_Iss	L	1		Advice Note Issued Yes/No	3.1
Amt_Canclcd	N	10	2	Total Amount Canceled	3.3b
Amt_Frm	N	8		Range of Amount From	4.8
Amt_Paid	N	10	2	Total Amount Paid	3.3b
Amt_To	N	8		Range of Amount Upto	4.8
Amt_Wr_Off	N	10	2	Total Amount Written Off	3.3b
App_Series	C	1		Application series of form	3.1
Appln_No	N	6		Application Number of form	3.1
Bill_No	C	10		Bill Number	3.3b
B_Adr1	C	30		Line 1 of billing address.	3.1.5
B_Adr2	C	30		Line 2 of billing address.	3.1.5
B_Adr3	C	30		Line 3 of billing address.	3.1.5
B_Adr4	C	30		Line 4 of billing address.	3.1.5
B_Pin_Code	N	6		Billing Adres Pincode	3.1.5
Bank_Branch	C	10		Branch of bank.	3.1.6
Bank_City	C	10		City where bank is located	3.1.6
Bank_Code	C	5		Bank Code.	3.1.6
Bill_Cycle	C	2		Billing period	4.3
BATT_TYPE	C	20			5.7.1
BATT_CAPACITY	C	20			5.7.2
BATT_MAKE	C	20			5.7.3
BATT_SET_CNT	N				5.7.4
BATT_INSTAL_DT					5.7.5
Bill_Date	D	8		Telephone Bill Dated	3.3b
Bill_Des	C	15		Description of Bill type	4.14
Bill_No	C	10		Unique Bill Number	3.3b, 3.3d
Bill_Per	N	3		Billing period in days	4.14
Bill_Type	N	2		Billing type	3.3b, 4.14
BlFlag_Des	C	50		Bill Flag Description	3.3b
Blflag_Cde	C	1		Bill flag Code	3.3b.4
BB_HOSTNAME	B	50		Hostname	5.11.1
BB_CAPACITY	B	4		Total Ports Capacity	5.11.2
BB_LINK_TYPMED	B	50			5.11.3
BB_INSTALL	B			Year of Installation	5.11.4

BB_MAKE	B	50	Make and Model Type	5.11.5
BB_PORT_UTILIZATION	B	6	No of Ports Utilized	5.11.6
BB_HEALTH_STATUS	B	1	Real Time Health Status	5.11.7
BB_LINK_STATUS	B	1	Uplink & downlink Health Status	5.11.8
BB_LINK_CAPACITY	B	4	Uplink Capacity	5.11.9
BB_VALIDATION	B		Validation	5.11.10
BSC_ID	10		Primary key for BSC	5.1.22, 5.3.1
BSC_NAME	100		BSC name	5.1.23, 5.3.2
BSC_TYPE	5		Type of BSC	5.1.24, 5.3.3
BSC_RNCS_IP	50		IP addresses of RNCs	5.1.25, 5.3.4
BSC_USERNAME	50			5.2.2, 5.3.23
BTS_ID	10		Primary code for BTS	5.3.31
BTS_NAME	100			5.3.32
BTS_LOCATION	100		Landmark	5.3.34
BTS_SITE_ID	100		BTS Unique Id as per OMCR	5.3.35
BTS_AREA	1			5.3.36
BTS_STATUS	1			5.3.38
BTS_LATITUDE	100			5.3.39
BTS_LONGITUDE	100			5.3.40
BTS_STATUS_DT			BTS status date	5.3.41
C_Adr1	C	30	Line 1 of Corr address.	3.1.5
C_Adr2	C	30	Line 2 of Corr address.	3.1.5
C_Adr3	C	30	Line 3 of Corr address.	3.1.5
C_Adr4	C	30	Line 4 of Corr address.	3.1.5
C_Pin_Code	N	6	Corr Address Pincode	3.1.5
Cab_Flt_tags	N	4	Cabinet Faulty tags	3.5
Cab_In	C	5	Cabinet IN tags (Input CT Box/Pair)	3.2,3.5
Cab_No	C	4	Cabinet Number	3.5
Cab_Pil_Area	C	10	Cabinet/Pillar Area	3.5
Cab_Size	N	4	Cabinet Size	3.5
Cab_Spr_Tags	N	4	Cabinet Spare tags	3.5
Cab_Type	C	5	Cabinet Type	3.5
Cab_Out	C	5	Cabinet Out Tags (Output CT Box/Pair)	3.2,3.5
Cab_Waitlist	C	10	Cabinet Waitlist	3.5
Cab_Wkg_Tags	N	4	Cabinet Working tags	3.5
Cable_AT_D	D	8	Cable A/T Date	3.5
Cable_Class	C	5	Cable Class (e.g. PRY)	3.5
Cable_Com_D	D	8	Cable Commissioned Date	3.5
Cable_Duct	L	1	Cable Ducted (Y/N)	3.5
Cable_Gauge	N	2,1	Cable Gauge	3.5
Cable_Id	C	10	Cable Identity (Code/SI No.)	3.5
Cable_Lay_D	D	8	Cable Laying Date	3.5
Cable_length	N	4,2	Cable Length	3.5
Cable_Pr_E	N	4	Cable Pair 2 (Ending Pair)	3.5
Cable_Pr_F	N	3	Cable Faulty Pairs	3.5
Cable_Pr_Id	C	15	Cable Pair Identity	3.5
Cable_Pr_S	N	4	Cable Pair 1 (Starting Pair)	3.5
Cable_Pr_Sp	N	3	Cable Spare Pairs	3.5
Cable_Pr_Wk	N	3	Cable Working Pairs	3.5
Cable_Size	N	4	Cable Size	3.5
Cable_Sl_No	N	5	Cable Serial Number	3.5
Cable_Type	C	6	Cable Type (e.g. PIJF)	3.5
Cable_Press	L	1	Cable Pressurised (Y/N)	3.5
Cable_Detail	M	36	Cable details	3.5
CABLE_SIZE	C	3		5.4.2
CABLE_TYPE	C	20		5.4.3
CABLE_MAKE	C	10		5.4.4
CABLE_MODE	C	20		5.4.12
CABLE_CD	C	10	Primary or Distribution cable id	5.9.1
CABLE_SIZE	C	10		5.9.2
CABLE_CAT	C	10		5.9.3
CABLE_TYPE	C	10		5.9.4
CABLE_TERM	C	20	Number of cabels terminated at ECGH	5.9.6
CBLRT_MDF_PILLAR_JOINT	200			5.9.10
Cap_Exg	N	1	Capacity <500,>500 etc.	4.2
Cashier	C	10	Name of the cashier	3.1.6, 3,3b, 3.3d

Catg_Code	N	2	Category Code	3.1.13, 4.19		
Catg_Des	C	50	Category Description	4.19		
CARD_ID	C	20		5.6.26		
CIRCLE_ID			Circle code	5.1.2		
CIR_NAME	C	50	Name of circle	5.1.3		
CITY_ID		5	City code	5.1.11		
CITY_NAME		30	Name of city	5.1.12		
CTBOXPILL_NO	N	10	No of CT Box in pillar	5.8.21	Cl_Date	D
8			Clearing Date	3.2		
Cl_Time_H	N	2	Clearing Time Hours	3.2		
Cl_Time_M	N	2	Clearing Time Minutes	3.2		
Class_Code	C	5	Class Code	3.1.12, 4.18		
Class_des	C	50	Description	4.18		
CMR	N	8	Closing Meter Reading	3.1.7, 3.3b		
CMR_Date	D	8	Closing Meter Reading Date	3.3b, 3.3d		
Com_Date	D	8	Complaint Date	3.2		
Com_Time_H	N	2	Complaint Time Hours	3.2		
Com_Time_M	N	2	Complaint Time Minutes	3.2		
Comp_Date	D	8	Completed Adv Note Dt	3.1.7		
Conn_Desc	C	50	Connection Description	4.17		
Country_ID	C	3	Country code	5.1.1		
C_STATUS		1		5.3.15		
C_TECHNOLOGY		15		5.3.33		
C_OPERATOR				5.3.42		
C_RF_CABLE_TYPE		20		5.3.44		
C_MEDIA		20		5.3.45		
CR_Calls	N	6	Total Credit Calls	3.3b, 3.3d		
CT_B_Id	C	1	CT Box Identity	3.5		
CT_B_Pr_E	N	3	CT Box Pair 2(Ending Pair)	3.5		
CT_B_Pr_S	N	3	CT Box Pair 1(Starting Pair)	3.5		
CTBOXPILL_NO	N		No of CT box in DP	5.9.16		
DARK_FIB_ALLOC	C	200		5.4.10	DB_Calls	N
4			Total Debit Calls	3.3b, 3.3d		
Date_Frm	D	8	Date of Effect From	4.7,8,9,10,13		
Date_To	D	8	Date of Effect Upto	4.7,8,9,10,13		
Date_Eff	D	8	Date of effect	3.1.40, 3.1.41, 4.11		
Dem_Amt	N	5	Demand Note Amount	3.1.6		
Dem_Date	D	8	Demand Note Date	3.1.6		
Dem_No	N	6	Demand Note Number	3.1.6		
Dem_Pur	C	30	Demand Note Purpose	3.1.6		
Dep_Amt	N	8	Deposit Amount	3.1.30		
Dep_Code	C	5	Deposit Code	3.1.30		
Dep_Date	D	8	Date of Provision	3.1.30		
Dep_Det	L	1	Deposit paid or not	3.1		
DIST_CABLE_CD	C	20		5.9.10		
Dist_From	N	5	Range of Distance From	4.7		
Dist_To	N	5	Range of Distance Upto	4.7		
Dmd_Nt_Iss	L	1	Demand Note Issued Yes/No	3.1		
Doc_Name	C	30	Document Name	3.1.12		
Doc_No	N	2	Document Number	3.1.12		
Docket_No	C	4	Docket Number	3.2		
DP_CD	C	20		5.9.12		
DG_CAPACITY	C	20		5.7.6		
DG_MAKE	C	20		5.7.7		
DG_SET_CNT	N			5.7.8		
DG_INSTAL_DT	D			5.7.9		
DP_AT_D	D	8	DP A/T Date	3.5		
DP_Com_D	D	8	DP Commissioned Date		3.5	
DP_Lay_D	D	8	DP Laying Date		3.5	
DP_CAPACITY	N	10	Distribution point DP capacity	5.9.15		
DP_Location	C	30	DP Location	3.5		
DP_LANDMARK	C	200		5.9.19		
DP_LOC	C	100	DP Location	5.9.13		
Dp_No	C	5	DP Number	3.2,3.5		
DP_NO	C	30	DP Number (alphanumeric)	5.9.14		
DP_Pr_E	N	2	DP Pair 2 (Ending Pair)	3.5		
DP_Pr_S	N	2	DP Pair 1 (Starting Pair)	3.5		

DP_Size	N	3	DP Size	3.5
Dp_Tag	C	6	DP Tag	3.2,3.5
DP_Type	C	5	DP Type	3.5
Draft_dt	D	8	Draft dt.	3.1.6
Draft_No	C	10	Draft No.	3.1.6
Dsc Dt_DNP	D	8	Last DNP Disconn.date	3.1.22
Dt_Regn	D	8	Date of Registration	3.1
Due_Date	D	8	Bill Due Date(w/o surcharge)	3.3b, 3.3d
DUCT_CD	C	20	duct code	5.5.1
DUCT_SIZE	C	20	width*length*height	5.5.2
DWDM_CAPACITY	C	20	Lamda	5.6.20
ELECT_CONN_TYPE	C	2		5.7.10
ELECT_CAP	C	2		5.7.11
EMAIL_ID		100		5.2.9, 5.3.30
Employee_NO		9		5.2.5
Ent_type	C	1	Entry type	3.4.5
Eqpt_No	C	12	Equipment Number	3.2
Exg_Code	C	3	Exchange Code	3.1.2, 4.2
Exg_Des	C	50	Exchange name	4.2
EXCH_ID		6	Exchange id	5.8.11
EXCH_NAME		100		5.8.12
EXCHANGE_TYPE	C	10		5.8.13
EXCHANGE_CAT	C	2		5.8.14
Extn_Bill	L	1	Extn wise billing Y/N	3.1.42
Extn_No	N	3	Extension Number	3.1.42
Est_No	C	20	Estimate Number	3.5
FRS_Exchng	C	3	FRS exchange code	3.2
F_H_Name	C	60	Father / Husband Name	3.1
FDF_CD	C	20	Fiber distribution code	5.6.10
FDF_NO	C	2		5.6.11
FDF_CAPACITY	N			5.6.12
FDF_SPARE	N			5.6.14
FIB_ID_MAP	C	200		5.4.11
Facty_Chgs	N	10	2 Facility Charges	3.3b, 3.3d
FAULTY_CNT	N		number of faulty fibers	5.4.9
FLTY PAIRS	C	10	FAULTY PAIRS IN PRIMARY CABLE	5.9.9
faultypair_DP	C		Faulty pair in DP	5.9.18
Faultypair_pillar	C		Faulty pairs in Pillar	5.8.23
FILE_NAME		500		5.1.41, 5.3.20
FIRST_NAME		50		5.2.6, 5.3.27
Flt_Desc	C	30	Fault type description	3.2.15
Flt_Rem	C	20	Fault remarks	3.2
Flt_Status	C	1	Fault Status of telephone	3.2
Flt_Type	N	1	Fault type	3.2
Free_Calls	N	4	Total Free Calls	3.3b, 3.3d
FTTH_CD	C	20		5.10.1
FTTH_LOC	C	20	BASE LOCATION	5.10.2
FTTHTECH_TYPE	C	10	Type of technology	5.10.3
Gatex_B_Upto	D	8	Date of Gatex calls billed	3.3d.2
Gatex_Chgs	N	10	2 Gatex Charges	3.3b, 3.3d
GovtCd_Des	C	50	Government Code Description	4.28
Govt_Code	N	1	Government Code	3.1.32, 4.28
Gross_Call	N	8	Total Number Of Calls	3.3b, 3.3d
Grp_head	C	1	Group Heading, if any	3.4
Grs_Calls_1	N	6	Gross Call Billed	3.3b.6, 3.3d.2
Grs_Calls_2	N	6	Gross Call Billed	3.3b.6, 3.3d.2
Grs_Calls_3	N	6	Gross Call Billed	3.3b.6, 3.3d.2
Grs_Calls_4	N	6	Gross Call Billed	3.3b.6, 3.3d.2
Grs_Calls_5	N	6	Gross Call Billed	3.3b.6, 3.3d.2
Grs_Calls_6	N	6	Gross Call Billed	3.3b.6, 3.3d.2
Guar_Expdt	D	8	Guarenty rent Expiry Date	3.1.26
Guar_rent	N	5	Guaranteed rent	3.3a.3
HRMS_NO		9		5.3.26
HAND_HOLE				5.5.5
HUT_TYPE	C	10		5.8.5
HUT_SIZE	C			5.8.6
IB_AdrSame	L	1	Inst Billing Adr.Same	3.1.5

IC_AdrSame	L	1	Inst Corr. Address Same	3.1.5
Intx_B_Upto	D	8	Dt. of Intlelex calls billed	3.3d.2
Intelex_Chgs	N	10 2	Intelex call Charges	3.3d
ISD_Provd	L	1	ISD provided or not	3.1.19
ISD_Reqd	L	1	ISD required or not	3.1.20
ITX_B_Upto	D	8	ITX calls billed upto	3.3b.6
I_Apt_Bldg	C	20	Inst Aprtment/Bldg Name	3.1.5
I_Area_Teh	C	20	Inst Tehsil/Area	3.1.5
I_Cty_Dst	C	20	Inst City/Distt name	3.1.5
I_Door_no	C	10	Inst Door Number	3.1.5
I_Flat_no	C	4	Inst Flat Number	3.1.5
I_Pin_code	N	6	Inst Pincode	3.1.5
I_Rd_Str	C	30	Inst Road/Street Name	3.1.5
I_Sub_Vil	C	20	Inst Sub-Loacality/Village	3.1.5
Ind_Flag	C	1	Indicator flag	3.4.7, 4.27
Ind_Fl_Des	C	50	Indicator flag description	4.27
Inst_Date	D	8	Date of Installation	3.1.8
Inst_Type	C	5	Instrument type	3.1
INSTAL_TYPE	C	20		5.4.5
INSTAL_DT	D			5.4.5
Int_rate	N	2	Interest rate in %	4.9
IP_Cable_Nos	N	2	Input Cables connected	3.5
IP_Cable_Id	C	10	Input Cables Identity (Cables Code/Serial Number)	3.5
IP_Cable_FPS	N	2	Input Cable Faulty Pairs	3.5
IP_Cable_SPS	N	2	Input Cable Stumped Pairs	3.5
IP_Cable_TPS	N	2	Input Cable Through Pairs	3.5
IP_CT_Box_Id	C	5	Input CT Box Identity	3.5
IP_CT_B_Pr_S	N	3	Input CT Box Pair 1 (Starting Pair)	3.5
JE_Sec	C	2	JE Section	3.2.3
JOINT_CD	C	20		5.6.4, 5.9.21
JOINT_TYPE	C	20		5.6.5
JOINT_MAKE	C	20		5.5.6
JOINT_NO	C	10	In case Primary cable ends in a joint	5.9.7
JOINT_CAPACITY	C		UG joint capacity	5.9.22
Joint_Detail	C	30	Joint details	3.5
Joint_Id	C	10	Joint Identity (Code/Serial Number)	3.5
Joint_Type	C	2	Joint Type	3.5
Joint_Loc	C	15	Joint Location	3.5
Jumpered_To	C	10	Jumpered To (Output CT Box Identity)	3.5
Laid_By	C	20	Laid By	3.5
LANDMARK	C	200		5.8.16
LENGTH_MTR	N			5.9.20
LAST_ATTENDED	D		DDMMYYYY:HR:MM	5.6.9
LAST_NAME		50		5.2.8, 5.3.29
LAST_PROCESS_ID		20	File process detail	5.1.37, 5.3.16
LAST_PROCESS_DT				5.1.38, 5.3.17
LAST_PROC_STATUS		2		5.1.39, 5.3.18
LAST_FILE_NAME		50	Last file name	5.1.40, 5.3.19
LAST_PROC_REMARKS		500		5.1.42, 5.3.21
LATITUDE		9,6		5.1.18
Lcl_ap1	N	2 2	Rebate % on Meter calls	4.11
LDCC_cd	C	5	LDCC Code	4.4, 4.6
LF_Chrg	N	4 2	Late Fee charges	4.13
Liability	Img		Liability form	3.1.38
Lmn_Sec	C	4	Lineman section	3.2.4
Loc_B_Upto	D	8	Local Call Billed Upto	3.3b.6, 3.3d.2
Loc_Chgs	N	10 2	Total Local Call Charges	3.3b, 3.3d
Loop_res	N	4	Loop resistance	3.2
Location	C	30	Location	3.5
LOCATION	C	100		5.8.15
LOC_ID		10	Location code	5.1.20
LOC_NAME		30	Location code	5.1.21
LOG_DT			Date of log	5.3.50
LOG_ID		10	Primary code for log	5.3.51

Location_Fr	C	30	Location From	3.5
Location_Jt	C	30	Location of Joints	3.5
Location_To	C	30	Location To	3.5
LONGITUDE		9,6		5.1.17
Lst_B_Rent	N	5	Last Bill Rental value	3.3d.6, 3.3d.2
LX_Cord	N	3	LDCCs X Co-ordinate	4.4, 4.6
LY_Cord	N	3	LDCCs Y Co-Ordinate	4.4, 4.6
M_S_Exn	C	1	Main, Sub Jn. or Extension	3.1.42
M_Uniq_Id	C	12	Consumer Number of Main	3.1.42
MDF_NO	C	12	MDF number	3.2, 3.5
			(Vertical/ Tag Block/Pair)	
MDF_Pr_E	N	3	MDF Pair 2 (Ending Pair)	3.5
MDF_Pr_S	N	3	MDF Pair 1 (Starting Pair)	3.5
MDF_ID	C	10	MDF code	5.8.17
MS_Chrg	N	4	2 Messenger Service charges	4.13
MAN_HOLE				5.5.8
MIDDLE_NAME		50		5.2.7, 5.3.28
Misc_Chgs	N	10	2 Misc charges	3.3b
Name	C	60	Full Name of Subs	3.1,3.5
Name_Chg	L	1	Name Change Yes / No	3.1.41
Name_Mem	C	60	Name of other Member	3.1.36
Net_Amt	N	10	2 Net amount billed for	3.3b
New_Name	N	60	New Name	3.1.41
New_Tel_No	N	7	New Telephone Number	3.1.40
NO_OF_BTS		11	No of BTS in SSA	5,1,26, 5.3.5
No_Extns	N	4	Number of Extensions	3.1.42
No_Flt_Day	N	2	Number of faulty days	3.3b.5
No_Free	N	5	Number of free calls	4.11
No_Gatex	N	10	2 Number of Gatex Calls	3.3d
No_Intelelex	N	10	2 Number of Intelelex Calls	3.3d
No_Junction	N	3	Number of Junctions	3.1.41
No_Tx_gram	N	10	2 Number of Telexogram Calls	3.3d
No_Min	N	5	Minimum no of calls charged	4.11
No_Os	N	5	Number of Overseas Calls	3.3b
No_Ph	N	5	Number of Phonograms	3.3b
No_Revlns	N	2	Number of Revolutions	3.3b
No_Tc	N	5	Number of Trunk Calls	3.3b
Nomination	Img		Nomination by Individ.	3.1.39
N_SECTOR_CNT				5.3.43
N_A1_HEIGHT				5.3.46
N_A2_HEIGHT				5.3.47
N_A3_HEIGHT				5.3.48
N_A4_HEIGHT				5.3.49
N_FDF_WORKING	N			5.6.13
OFC_CD	C	20	PRIMARY KEY	5.4.1
OFC_DET_CD	C	20	OFC detail primary key	5.6.1
OFC_SYS_CD	C	20	OFC system code	5.6.14
OFC_EQUIP_CD	C	20	OFC equipment code	5.6.22
OLT_Loc	C		OLT location	5.10.4
OLT_Acqus.	C		OLT acquisition type	5.10.5
OLT_VEN	C		OLT Vendor name	5.10.6
OLT_CAPACITY	C			5.10.7
OLT_TYPE	C			5.10.8
OMCR_ID		3	Primary key for OMCR	5.1.27, 5.3.6
OMCR_NAME		30	OMCR name	5.1.28, 5.3.7
OMCR_IP		15		5.1.29, 5.3.8
OMCR_PORT		6		5.1.30, 5.3.9
OMCR_USER_NAME		20		5.1.31, 5.3.10
OMR	N	8	Opening Meter Reading	3.1.7, 3.3b, 3.3d
OMR_Date	D	8	Opening Meter Reading Date	3.3b, 3.3d
OWNERSHIP	C	10		5.8.3
OYT_Rent_Exp	D	8	OYT Rent Expiry Date	3.3b, 3.3d
Old_Name	N	60	Old Name	3.1.41
Old_Tel_No	N	7	Old Telephone Number	3.1.40
OP_CT_B_Pr_E	N	3	Input CT Box Pair 2	3.5
ONT_LOC	C			5.10.11
ONT_TYP	C			5.10.12
ONT_ACQUS	C		ONT Acquisition type	5.10.13

ONT_VENDOR	C		ONT Vendor	5.10.14
Open_Jt_Of	C	20	Open Joint of (Identities of Cables)	3.5
OP_Cable_FPS	N	2	Output Cable(Faulty Pairs)	3.5
OP_Cable_ID	C	10	Output Cables Identity	3.5
OP_Cable_Nos	N	2	Output Cables connected (Cable Code/Serial Number)	3.5
OP_Cable_SPS	N	2	Output Cable(Stumped Pairs)	3.5
OP_Cable_TPS	N	2	Output Cable(Through Pairs)	3.5
OP_CT_B_Pr_S	N	3	Output CT Box Pair 1 (Starting Pair)	3.5
OP_CT_B_Pr_E	N	3	Output CT Box Pair 2 (Ending Pair)	3.5
Org_abbr	C	10	Abbrvn of Organisation	3.1.21
ORG_ID	C		Organization code	5.1.9
Os_Chgs	N	10	2 Total Overseas Call Charge	3.3b
Ph_Grams_Chgs	N	10	2 Total Phonogram charges	3.3b
PH_No_Frm	N	8	Starting Number	4.3
PH_No_To	N	8	Ending Number	4.3
Partfm_Huf	C	1	H-HUF P-Partnership O-Othe	3.1.36
PASSWORD		30		5.2.3, 5.3.24
PWD_CHG_DT				5.2.4, 5.3.25
Pay_By_Dt	D	8	Pay By Date of Bill	3.3b, 3.3d
Pay_Rem	C	20	Payment remarks.	3.1.6
Paymt_Des	C	50	Payment Description	4.22
Paymt_Dt	D	8	Date of Bill Payment	3.1.6
Paymt_Mode	C	1	Payement Mode	4.22
Paymt_Pla	C	3	Payment Place Code	4.30
Paymt_Amt	N	5	Payment amount	3.1.6
PCM_RR_NOs	N	1	PCM R/Rs (Nos)in the Cable	3.5
PCM_RR_Id	C	10	PCM R/R Identity (Type & No)	3.5
PCM_RR_CAP	N	2	PCM R/R Housing Capacity	3.5
PCM_RR_B_O	L	1	PCM R/R (Burried/Overhead)	3.5
PCM_Pr_Ut_Det	C	15	PCM Cable Pair (utilisation Details)	3.5
Phone_No	N	7	Telephone Number	3.1
Pick_Cabl_Pr	N	4	Pick up Cable pairs	3.5
Pil_Flt_tags	N	4	Pillar Faulty tags	3.5
Pil_In	C	5	Pillar in tags	3.2,3.5
Pil_No	C	4	Pillar Number	3.2,3.5
Pil_Out	C	5	Pillar out tags	3.2,3.5
Pil_Size	N	4	Pillar Size	3.5
Pil_Spr_tags	N	4	Pillar Spare tags	3.5
Pil_Type	C	5	Pillar Type	3.5
Pil_Waitlist	C	10	Pillar Waitlist	3.5
Pil_Wkg_tags	N	4	Pillar Working tags	3.5
PILLAR_CD	C	20	Pillar code	5.8.18
PILLAR_LOC	C	20		5.8.19
PILLAR_CAPACITY	N			5.8.20
Pilot_No	N	7	Telephone number of Main	3.1.42
PINCODE		6	Pincode	5.1.16
PIPE_SIZE	N		Inch	5.5.3
PIPE_CNT	N			5.5.4
PIPE_USED	N			5.5.5
PIPE_SPARE	N			5.5.6
Place_Des	C	50	Place Description	4.30
PORT_ID	C	20		5.6.27
Prn_type	C	1	Print type	3.4.4
Prof_Code	C	3	Profession Code	3.1.31
Prof_Desc	C	50	Profession Description	4.26
PRIVILEGE_ID		11		5.3.52
PRIVILEGE_DESC		50		5.3.53
PRIVILEGE_TYPE		3		5.3.54
PROTECTION	C	20		5.4.13
Push_To_Jt	C	20	Push into nearby Joint/ Cable(by Tie-cable)	3.5
R_Uniq_Id	C	12	Customer Number of Rel No.	3.1.35
RACK_ID	C	20		5.6.24

Rad_Dist	N	2	2	Radial Distance	3.1.9
Rate_beyond	N	4	2	Rate beyond the last slab	4.12
Rec_Dt_DNP	D	8		Last DNP Recon. date	3.1.23
Receipt_Dt	D	8		Date of issue of receipt	3.1.6, 3.3b, 3.3d
Receipt_No	N	6		Receipt Number	3.1.6, 3.3b, 3.3d
Rel_Desgn	C	20		Relationship with Karta	3.1.36
Rem_Exg	C	3		Reminding Exch.Code	3.1.16
Rem_No	C	7		Reminding Telephone Number	3.1.16
Rent	N	10	2	Tele Rental Amount	3.3b, 3.3d
Rent_B_Upto	D	8		Rent Billed Upto Date	3.3b.6, 3.3d.2
Rent_Frm	D	8		Rent From Date	3.3b, 3.3d
Rent_To	D	8		Rent Upto Date	3.3b, 3.3d
Rent_apl	N	2	2	Rebate % on Rent	4.11
Rur_Urb	C	1		Rural/urban selection	3.1.4
ROLE_ID		10			5.3.55
ROLE_NAME		30			5.3.56
ROUTE_NAME	C	100			5.6.23
Phone_No	C	7		Circuit Number	3.5
S_Bill_Date	D	8		Starting bill date	4.14
SC_rate	N	6		Surcharge Rate	4.8
SDCC_Cd	C	5		SDCC code	4.4
SITE_NAME	C	100		Name of site	5.8.2
SITE_TYPE		2			5.3.37
STIE_TYPE	C	10			5.8.4
SDCA_ID		10		SDCA Code	5.1.8
SPLT_LOC	C			Splitter location	5.10.9
SPLT_TYPE	C			Splitter type	5.10.10
SSA_ID		6		SSA code	5.1.6
SSA_NAME		100		SSA Name	5.1.7
STD_CODE		10		STD code	5.1.13
1				STD provided or not	3.1.19
STD_Reqd	L	1		STD required or not	3.1.17
SX_Cord	N	3		SDCC's X coordinate	4.4
SY_Cord	N	3		SDCC's Y coordinate	4.4
Safe_Disdt	D	8		Last Safe custody Discon dt	3.1.24
Safe_Rcdt	D	8		Last Safe custody recon dt.	3.1.25
Ser_Tax	N	5	2	Tax charges	3.3b
Slab_Rate	N	6	2	Rate of Charging	4.7
Slab1_calls	N	5		No of calls in 1st slab	4.12
Slab1_rate	N	4	2	Slab rate in 1st slab	4.12
Slab2_calls	N	5		No of calls in 2nd slab	4.12
Slab2_rate	N	4	2	Slab rate in 2nd slab	4.12
Slab3_calls	N	5		No of calls in 3rd slab	4.12
Slab3_rate	N	4	2	Slab rate in 3rd slab	4.12
Slab4_calls	N	5		No of calls in 4th slab	4.12
Slab4_rate	N	4	2	Slab rate in 4th slab	4.12
Slab5_calls	N	5		No of calls in 5th slab	4.12
Slab5_rate	N	4	2	Slab rate in 5th slab	4.12
Slab6_calls	N	5		No of calls in 6th slab	4.12
Slab6_rate	N	4	2	Slab rate in 6th slab	4.12
Slab7_calls	N	5		No of calls in 7th slab	4.12
Slab7_rate	N	4	2	Slab rate in 7th slab	4.12
SLOT_ID	C	20			5.6.25
Sort_Name	C	60		Sorting Name for query	3.4.2
Spec_Sign	Img			Specimen Signature	3.1.37
SPLICING_REMARKS	C	100			5.6.7
SPLICING_BY	C	20		HRMS Number	5.6.8
SPARE_CNT	N			number of spare fibers	5.4.8
SUPPORT_TYPE	C	20			5.6.3
Staff_Cd	N	3		Staff Code	4.20
Staff_Name	C	50		Staff Name	4.20
STATE_ID	C	2		State code	5.1.4
STATE_NAME		10		State name	5.1.5
Status	C	1		Current Status	5.1.36
Status_Des	C	50		Status Description	4.23
Sug_Name	C	60		Suggested entry for DQ	3.1.3
Sur_Chrg	N	5	2	Surcharge charges	3.3b, 3.3d

Synonym_Cd	N	3	Synonym Code	3.4.6
Synonym_Des	C	50	Synonym Code Description	4.27
SYS_TYPE	C	20		5.6.16
SYS_CONFIG	C	10		5.6.17
SYS_MAKE	C	20		5.6.18
SYS_INSTAL_DT				5.6.19
SYS_LOC	C	20		5.6.21
TAX_rate	N	2	TAX rate in %	4.10
TEL_D_S	C	1	Tel.Instt.: S-Subs,D-Deptt	3.1.33
Tel_No_Chg	L	1	Telephone Number Change Y/N	3.1.40
Tele_Oth	C	1	Other Telephones of Subs	3.1.35
Telex_No	C	7	Telex Number	3.3c
Term_Id	C	10	Termination Identity (Cabinet/Pillar/DP)	3.5
Title_Sub	C	15	Title of Subscriber	3.5
Town_Desc	C	20	Town Description	3.1.5
TOTAL_OF_CABLE	N			5.5.7
TOWER_SITE_CD	C	20	tower site code	5.8.1
TOWER_CD	C	20	tower code	5.8.7
TOWER_LOC	C	100		5.8.8
TOWER_TYPE	C	20		5.8.9
TOWER_HEIGHT	C			5.8.10
Transfr_Cd	C	3	Transfer type code	3.1.28
Transfr_Des	C	50	Transfer type Description	4.24
Trk_B_Upto	D	8	Trunk calls billed upto	3.3b.6
Trk_Chgs	N	10	2 Total Trunk Call Charges	3.3b
Trk_apl	N	2	2 Rebate % on Trunk calls	4.11
Txgram_B_Upto	D	8	Date of Telexogram billed	3.3d.2
Tx_gram_Chgs	N	10	2 Telexogram Charges	3.3d
Typ_Of_Con	C	1	Connection Type	3.1.11
TYPE	C	20	Overhead/Underground	5.6.2
Uniq_Id_No	C	12	Customer Number	3.1.1
UPDATED_BY		10	record updated by	5.1.34, 5.3.13
UPDATED_DT			Date of record updated	5.1.35, 5.3.14
Usage_Code	C	1	Usage Code	3.1.15
Usage_Des	C	50	Usage Description	4.21
USER_ID		10		5.2.1, 5.3.22
VENDOR_ID		10	vendor code	5.1.19
VERTICAL_NO	C	40		5.9.11
VIP_Code	L	1	VIP Code	3.1.14
W_Sch_No	C	20	Work Schedule Number	3.5
Wire_D_S	C	1	Wiring by : S-Subs,D-Deptt	3.1.34
Wt_lst_Ext	N	3	Waitlist extension	3.1
Wt_lst_No	N	6	Waitlisted Number	3.1
WORKING_CNT	N		no.of fibers working	5.4.7
Wkgpair_pillar	C			5.8.22, 5.9.17
Wkg_PAIR	C	10	working pair in distribution cable	5.9.8
X_Cord	N	3	X coordinate of Exg	4.4
Y_Cord	N	3	Y Coordinate of Exg	4.4
ZONE_ID	C	50	Name of Zones	5.1.10
