

This document provides the instructions for FCC Report 43-07, the ARMIS Infrastructure Report, which was adopted by the Commission in CC Docket No. 87-313. The instructions consist of the following five sections.

1. Reporting Procedures - details on the specific procedures to be followed when submitting this report to the Commission.
2. Report Definition - illustration of the rows and columns to be reported and their definitions.
  - a. Summary - description of the form and its reporting burden.
  - b. Form - illustration of the rows and columns to be reported.
  - c. Row Instructions - instructions for completing the rows to be reported.
  - d. Column Descriptions - description of the columns to be reported.
  - e. Certification - illustration of the certification page.
3. Automated Report Specifications - detailed automated data processing (ADP) specifications for the automated report to be filed.
4. Paper Report Specifications - specifications for the paper report to be filed.
5. COSA Code Table - list of four letter COSA codes (CO = Company, SA = Study Area).

**A. Introduction**

This document contains details on the specific procedures to be followed when submitting FCC Report 43-07, the ARMIS Infrastructure Report, to the Commission.

**B. General Information**

1. FCC Report 43-07 was adopted by the Commission in the LEC Price Cap Order, Policy and Rules Concerning Rates for Dominant Carriers, Second Report and Order, CC Docket No. 87-313, 5 FCC Rcd 6786, 6827-30 (1990). See also Quality of Service Standards Order, Policy and Rules Concerning Rates of Dominant Carriers and Amendment of Part 61 of the Commission's Rules to Require Quality of Service Standards in Local Exchange Carrier Tariffs, Memorandum Opinion and Order, CC Docket No. 97-28, 12 FCC Rcd 8115 (1997). This report is prescribed for every mandatory price cap incumbent local exchange carrier.
2. Affected carriers shall file by April 1 for the previous calendar year.
3. The report shall be filed at the study area (jurisdiction) and the holding company levels.
4. Each report and diskette must be clearly labeled to include the report number, company, study area, period, COSA code, version and submission number. The report number is 43-07, which identifies the filing as the ARMIS Infrastructure Report. The period identifies the year covered by the data. See the attached COSA Code Table (CO = Company, SA = Study Area) for a list of companies and their respective COSAs. The version refers to whether the filing is confidential, public or unrestricted. The submission number is defined as follows: submission 0 is for test data purposes only; submission 1 is for the first submission of a year's data. If there is a change in the data in either the automated or paper report, the carrier must resubmit both. A higher number (2, 3, etc.) and a new data entry date must be used each time a change occurs to denote a new submission. The automated and paper reports submission numbers must be the same. When correcting format errors, a new submission number is not required; however, the data entry date must be changed to reflect the date of the format change.
5. All correspondence and pleading shall identify the proceeding as CC Docket No. 87-313.
6. Each reporting carrier must validate its data by using the most recent edit check program(s), provided by the Commission, for the reporting year. When an error is detected, the carrier must correct the error prior to submitting the report to the Commission. Once the carrier corrects its data so that the edit check program identifies no errors, the carrier should submit the ARMIS report along with a copy of the edit check printout to the Commission verifying that the program did not identify any errors.

**C. Data Items That Are “Not Available” or “Irretrievable”**

1. The term “Not Available” is used below to refer only to those items which the Commission has ruled are not applicable to a particular row/column or are not required for a particular filing entity. If this report includes a field such as a sum, a ratio, or a percentage that cannot be computed completely and accurately because it relies on another item which the Commission has ruled is a “Not Available” item, then that field is also considered to be “Not Available.”
2. Items that are not being reported because the filing carrier has a waiver or has applied for a waiver are designated as “Irretrievable.”
3. See the Automated Report Specifications and the Paper Report Specifications for data entry conventions for these items.

**D. Where to File**

1. Carriers submitting FCC Report 43-07 should consult the schedule below which details the number of copies required and the location to which those copies should be delivered.
2. Carriers are reminded that they must serve a copy of both the paper report and the automated report (diskette) on the FCC’s contractor for public records duplication.

<b>NUMBER OF COPIES</b>				
Address	Transmittal Letter	Edit Check Report	Paper Report	Automated Report (Diskette)
Federal Communications Commission Office of the Secretary 445 Twelfth Street, S.W.; TW-A325 Washington, D.C. 20554	1	—	—	—
Federal Communications Commission Reference Information Center (RIC) 445 Twelfth Street, S.W.; CY-A257 Washington, D.C. 20554	1	—	1	1
FCC Common Carrier Bureau Accounting Safeguards Division Reporting Management and Analysis Branch Attention: ARMIS 445 Twelfth Street, S.W.; 6-B201 Washington, D.C. 20554	1	1	1	1
International Transcription Service, Inc. (ITS) 1231 20th Street, N.W. Washington, D.C. 20036	1	—	1	1

**E. Footnotes**

1. If any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances, the carrier must include detailed footnote text to explain the specific circumstances. Certain items require accompanying footnotes and those items are specified in the appropriate sections of the instructions for filing the 43-07. Such footnotes are mandatory and must be entered in the Footnote Text Records and Footnote Table.

**EXAMPLE:**

Table II, Row 410 requires the reporting carrier to explain the data entered in a footnote.

2. If the reporting carrier does not follow the procedures described in the row and column instructions of the attached Report Definition, it must explain any deviations from those procedures in an explanatory footnote. Such footnotes must provide detailed explanations of the procedures actually used by the carrier and its specific reasons for deviating from procedures prescribed by the Commission’s Rules. This provision should not be interpreted to mean that deviations from the prescribed rules

will automatically be approved by the Commission.

**EXAMPLES:**

Do not say, "Data are compiled using a more inclusive process than in previous filing."

Do say, "Data are compiled using a process that includes xxx, which was not included in previous filings. The impact of including xxx in this row inflates this number by x% over the previous reporting period."

Do not say, "This value was not calculated pursuant to the instructions."

Do, say "This value was calculated using the xxx method rather than the method described in the instructions because..."

Do not say, "Corrected Data."

Do say, "\$xxxx is changed to \$xxxx because ...".

Do not say, "Waiver" or "Waiver Granted."

Do say, "Waiver of Part xx.xxx was granted in CC Docket No. xx-xxx, X FCC, xxxx (1992) to allow Any Company to ....because...."

3. Footnote entries must provide detailed explanations for only those items reported in the current submission. Footnotes from prior submissions should be included only if they remain applicable. In other words, when a resubmission nullifies an existing footnote, remove the footnote.
4. The footnote text must be included in the Footnote Text Records and the Footnote Table as specified in the Automated Report Specifications and the Paper Report Specifications.

**F. Errata**

1. Carriers are under a legal obligation to correct any erroneous data discovered in FCC Report 43-07. See Section B of the Reporting Procedures for use of submission numbers when an erratum occurs.
2. Submissions containing corrected data must include references to indicate which data items were corrected since the previous submission. If the data items being corrected impact other data items in the report, then those items must also be corrected and referenced. Erratum references should reflect only those items corrected in the new submission. References from prior submissions must not be included in the new submission.
3. These references must be included in the Erratum Record(s). In addition, carriers must include in the transmittal letter, a brief statement indicating the reason for the errata.

**G. Certification**

1. Carriers must certify the accuracy of the data submitted in FCC Report 43-07 by including a certification statement, signed by a corporate officer, as the last page of the paper report.
2. The text of the certification statement is included in the attached Report Definition.

**H. Waivers**

1. If a carrier determines that it will be unable to provide data required by FCC Report 43-07, it must file an application for waiver with the Commission following established Commission procedures. All such requests from a carrier should be included in a single application. The application must demonstrate good cause for reporting a different or lower level of detail, must establish the duration of the waiver requested, and must indicate how these deficiencies will be corrected.
2. Carriers should not act upon requests for waiver until waivers are granted. It is important that carriers be aware that waivers are not in effect until they are granted, in writing, by the Commission or under delegated authority.
3. Omission of individual data items or entries, without request for waiver, is unacceptable. One reason that compliance with the full requirements is so important is that omission of any single data entry by any carrier will jeopardize the accuracy of aggregate industry information.

**I. Extension of Filing Time**

1. Requests for extensions of filing time must be made in a timely manner. Requests received less than 72 hours prior to a filing date are prima facie unreasonable.

**J. Public Information**

1. The Public or Unrestricted Versions of the paper reports filed as Report 43-07 may be examined by the public at the FCC Reference Information Center (RIC), 445 Twelfth Street, S.W., Washington, D.C. Parties should contact the RIC at (202) 418-0270.
2. Copies of the Public or Unrestricted Versions of the paper or automated reports filed as FCC Report 43-07 may be obtained from the FCC's contractor for public records duplication, ITS. Parties should contact ITS at (202) 857-3800.
3. Copies of the detailed reporting procedures for this report may be obtained over the Internet, from the Commission's web site, at <http://www.fcc.gov/ccb/armis/>.

For further information regarding these procedures, contact:

Barbara Van Hagen  
FCC Common Carrier Bureau  
Accounting Safeguards Division  
(202) 418-0840

Approved by OMB

3060-0395

Edition Date: 12/2000

Estimated Burden Hours Per Response: 555 hours

SUMMARY

This document provides the Report Definition for FCC Report 43-07, the ARMIS Annual Infrastructure Report, which must be provided annually by study area. It contains the following:

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Table I - Switching Equipment Table .....	3
Table II - Transmission Facilities Table.....	5
Table III - LEC Call Set-Up Time Table.....	7
Table IV - Additions and Book Costs Table.....	8
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All percentage amounts must be entered in percent and rounded to 2 decimal places. All kilometers must be rounded to 1 decimal place. All monetary figures must be rounded to the nearest thousand dollars. All access lines must be entered in whole numbers. All switches, tandems, host remotes, interfaces, circuit lines, carrier links, terminations, channels, copper pairs, and fiber strands must be entered in whole numbers.

All fields must be populated. If a data field equals the quantity zero, enter the numeral zero in that field. This is the only proper use of zero in this report. If a filing carrier has a waiver applicable to a certain field, it must treat the data for that field as "Irretrievable" and footnote the reason for that entry (including a cite to the waiver, and a note as to its duration). Items which need not be reported because they do not apply are designated by N/A. DO NOT override N/As. If a reporting carrier should wish to apply data to a field containing an N/A, the carrier should enter the amount(s) and an explanation as a footnote to the field. The amount(s) must not be entered in an N/A'd field.

REMEMBER: Footnotes are mandatory in Table II for rows 410, 460 and 484; Table III, column (e). Footnotes are mandatory for all "Irretrievable" entries.



When errata occur, carriers must include in the transmittal letter a brief statement indicating the reason for the errata. Other explanatory notes must be included in the footnote section of the filing.

**NOTICE:** The ARMIS Infrastructure Report collects data designed to capture trends in telephone industry infrastructure development under price cap regulation and improves and standardizes existing reporting requirements for this purpose. The ARMIS Infrastructure Report specifies information requirements in a consistent format and is essential to the FCC to monitor service quality under price cap regulation. Your response is mandatory.

Public reporting burden for this collection of information is estimated to average 555 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554.

An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid control number.

FCC Report 43-07  
 ARMIS INFRASTRUCTURE REPORT

COMPANY: XXXXXXXXXXXXXXXX  
 STUDY AREA: XXXXXXXXXXXXXXXX  
 PERIOD: From mmm yyyy To mmm yyyy  
 COSA: XXXX

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 Submission XXX  
 TABLE I  
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**TABLE I – SWITCHING EQUIPMENT**

ROW	CLASSIFICATION	Total Study Area (a)	Within MSA (b)	Non-MSA (c)
<u>SWITCHES/LINES IN SERVICE:</u>				
0110	Total Switches		N/A	N/A
0111	Local Switches			
0112	Tandems		N/A	N/A
0113	Hosts			
0114	Remotes (Stand Alone Only)			
0120	Total Number Access Lines in Service			
<u>TYPE OF SWITCH:</u>				
0130	Total E/M Switches		N/A	N/A
0131	Percent Total Switches		N/A	N/A
0132	E/M Local Switches			
0133	Percent Local Switches			
0134	E/M Tandems		N/A	N/A
0135	Percent Total Tandems		N/A	N/A
0140	E/M Lines Served			
0141	Percent Total Lines			
0150	Total ASPC Switches		N/A	N/A
0151	Percent Total Switches		N/A	N/A
0152	ASPC Local Switches			
0153	Percent Local Switches			
0154	ASPC Tandems		N/A	N/A
0155	Percent Total Tandems		N/A	N/A
0160	ASPC Lines Served			
0161	Percent Total Lines			
0170	Total DSPC Switches		N/A	N/A
0171	Percent Total Switches		N/A	N/A
0172	DSPC Local Switches			
0173	Percent Local Switches			
0174	DSPC Tandems		N/A	N/A
0175	Percent Total Tandems		N/A	N/A
0180	DSPC Lines Served			
0181	Percent Total Lines			
<u>SWITCHING CAPABILITY:</u>				
0190	Switches Equipped for Equal Access		N/A	N/A
0191	Percent Total Switches		N/A	N/A

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**TABLE I - SWITCHING EQUIPMENT**

ROW	CLASSIFICATION	Total Study Area (a)	Within MSA (b)	Non-MSA (c)
0200	Access Lines with Equal Access			
0201	Percent Total Lines			
0210	Touch-Tone Capable Switches			
0211	Percent Local Switches			
0220	Access Lines with Touch-Tone Capability			
0221	Percent Total Lines			
0230	Total Switches Equipped w/ SS7-394 (InterLATA) Svc		N/A	N/A
0231	Percent Total Switches		N/A	N/A
0232	Lines with SS7-394 (InterLATA) Service			
0233	Percent Total Access Lines			
0234	Total Switches Equipped w/ SS7-317 (IntraLATA) Svc		N/A	N/A
0235	Percent Total Switches		N/A	N/A
0236	Lines with SS7-317 (IntraLATA) Service			
0237	Percent Total Access Lines			
0240	Local Switches Equipped w/ SS7-394 (InterLATA) Svc			
0241	Percent Total Local Switches			
0246	Local Switches Equipped w/ SS7-317 (IntraLATA) Svc			
0247	Percent Total Local Switches			
0250	Tandems Equipped w/ SS7-394 (InterLATA) Svc		N/A	N/A
0251	Percent Total Tandems		N/A	N/A
0256	Tandems Equipped w/ SS7-317 (IntraLATA) Svc		N/A	N/A
0257	Percent Total Tandems		N/A	N/A
0270	Total Switches Equipped with ISDN		N/A	N/A
0271	Percent Total Switches		N/A	N/A
0280	Local Switches Equipped with ISDN			
0281	Percent Total Local Switches			
0290	Tandems Equipped with ISDN		N/A	N/A
0291	Percent Total Tandems		N/A	N/A
0300	Lines with Access to ISDN			
0301	Percent Total Lines			
0311	Basic Rate ISDN (BRI) Interfaces Equipped			
0312	Primary Rate ISDN (PRI) Interfaces Equipped			

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 TABLE I I  
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**TABLE II – TRANSMISSION FACILITIES**

ROW	CLASSIFICATION	Total Study Area (d)
<u>SHEATH KILOMETERS:</u>		
0320	Total Sheath Kilometers	
0321	Copper	
0322	Fiber	
0323	Other	
<u>INTEROFFICE WORKING FACILITIES:</u>		
0330	Total Circuit Links	
0331	Baseband	
0332	Analog Carrier	
0333	Digital Carrier	
0350	Analog Carrier Links	
0351	Copper	
0352	Radio	
0360	Digital Carrier Links	
0361	Copper	
0362	Radio	
0363	Fiber	
<u>LOOP PLANT – CENTRAL OFFICE TERMINATIONS:</u>		
0370	Total Working Channels	
0380	Copper	
0381	Baseband	
0382	Analog Carrier	
0383	Digital Carrier	
0390	Fiber Digital Carrier	
0410	Other	

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**TABLE II – TRANSMISSION FACILITIES**

ROW	CLASSIFICATION	Total Study Area (d)
0420	Total Equipped Channels	
0430	Copper	
0431	Baseband	
0432	Analog Carrier	
0433	Digital Carrier	
0440	Fiber Digital Carrier	
0460	Other	
<u>OTHER TRANSMISSION FACILITY DATA:</u>		
0470	Copper Prs. Term. Main Frame (Loop Plant Only)	
0480	Fiber Strands Term. in the CO (Loop Plant Only)	
0481	Fiber Term at Customer Premises DS0 Rate	
0482	Fiber Term at Customer Premises DS1 Rate	
0483	Fiber Term at Customer Premises DS2 Rate	
0484	Fiber Term at Customer Premises DS3 Rate and Higher	
0490	Subscriber Lines Capable of ISDN	

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 TABLE III  
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**TABLE III - ILEC CALL SET-UP TIME  
 (IN SECONDS)**

ROW	CLASSIFICATION	Average Call Set-Up Time					
		End Offices (e)	Direct		Via Access Tandem		
			SS7-394 (InterLATA) (f)	MF (g)	SS7-394 (InterLATA) (h)	MF (i)	Mixed (j)

TIME:

0510	Total						
0511	End Offices/EMs						
0512	End Offices/SPC						
0513	End Offices/Digitals						

PERCENT:

0520	Total Access Lines						
0521	Access Lines/EMs						
0522	Access Lines						
0523	Access Lines/Digitals						

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 PERIOD: From mmm yyyy To mmm yyyy  
 COSA: XXXX

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 TABLE IV  
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**TABLE IV – ADDITIONS AND BOOK COSTS**

ROW	CLASSIFICATION	Total Study Area (k)
0530	Total Access Lines in Service	
0531	Access Line Gain	
0540	Total TPIS Gross Additions (000)	

## Infrastructure Report

## General Instructions

For the purposes of this report, the terms access lines, lines and lines in service are used interchangeably.

## Table I

## General Instructions

Data for InterLATA and IntraLATA Signaling System 7 switches are shown separately. InterLATA switches are designated SS7-394, and IntraLATA switches are designated SS7-317. Since a switch may provide both InterLATA and IntraLATA services, a switch could be counted in both categories.

Switches - Switches are assemblies of equipment and software designed to establish connections among lines and between lines and trunks. Switches include tandems, local, class 5 switching machines and any associated remote switching machines; e.g., a host end office and its three associated remotes will be reported as four switches. There may be more than one switch per central office or wire center.

Lines in Service - Access lines include all classifications of local exchange telephone service including, but not limited to, individual lines, party line access, PBX access, Centrex access, Coin access, Foreign Exchange access and WATS access. Access lines, as defined herein, is a more inclusive term than billable access lines, as defined in the ARMIS 43-01 and 43-04 reports. See row instructions for rows 2090 through 2140 of the ARMIS 43-01 report and for 9010 of the ARMIS 43-04 report for the definition of billable access lines. Report all access lines in whole numbers.

## Row Instructions

Row 0110 - Total Switches - Enter in whole numbers, the total quantity of local and tandem switches on this row. This amount is equal to the sum of rows 0130, 0150, and 0170. Remotes to be included in the total switches count are those described in the general definition of remote.<sup>1</sup> A remote can generally be described as a switch that has no connection to the facilities network except through its host switch. The host provides the processing capabilities and certain control functions for the remote under the direction of the host central processor, and controls the remote over a pair of dedicated data links.

Note: Since some switches are used for both local and tandem switching, the sum of rows 0111

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<sup>1</sup> See 7 FCC Rcd 3590 (Com. Car. Bur. 1992). Technically concise definitions of "host" and "remote" are found in the *Local Exchange Routing Guide*.



and 0112 may be greater than the amount entered on this row. For example, if there are 6 local switches, 4 tandem switches and 5 switches that are used for both local and tandem switching, row 0111 would equal 11 local switches, row 0112 would equal 9 switches, and row 0110 would equal 15 switches. In this case, the sum of rows 0111 and 0112 (20) would be greater than the amount of total switches (15). Since we are asking only for the number of remotes with stand-alone capability, the total of rows 0113 and 0114 will be less than the total of the amounts entered on this row. For example, if there are 16 total switches, and there are 3 hosts and 7 remotes that have stand-alone capability, the sum of rows 0113 and 0114 (10) would be less than the amount of total switches (16).

Row 0111 - Local Switches - Enter in whole numbers, the total quantity of switches used as local switches on this row. This amount is equal to the sum of rows 0132, 0152 and 0172.

Row 0112 - Tandems - Enter in whole numbers, the total quantity of switches with tandem capability on this row. This amount is equal to the sum of rows 0134, 0154 and 0174.

Row 0113 - Hosts - Enter in whole numbers, the total quantity of hosts. A host is a switch serving one or more remotes.

Row 0114 - Remotes (Stand-Alone Only) - Enter in whole numbers, the total quantity of remotes. Include on this row, only those remote switches that are equipped to operate in a stand-alone fashion (i.e., able to operate if the host fails, or if the data links to the host fail) to be able to provide more limited service. Remote switches that are not within this description should not be included on this row.

Note: A remote can generally be described as a switch that has no connection to the facilities network except through its host switch. The host provides the processing capabilities and certain control functions for the remote under the direction of the host central processor, and controls the remote over a pair of dedicated data links. All types of remote switches are included with the switch counts in row 0110. However, row 0114 excludes remotes that are incapable of providing stand-alone operation when the host switch fails.

Row 0120 - Total Number Access Lines In Service - Enter in whole numbers, the total quantity of access lines in service on this row. This amount is equal to the sum of rows 0140, 0160 and 0180.

Type of Switch - Types of switches include Electromechanical (E/M), e.g., Step-by-Step and Crossbar; Analog Stored Program Controlled (ASPC); and Digital Stored Program Controlled (DSPC).

Row 0130 - Total E/M Switches - Enter in whole numbers, the total quantity of local and tandem Electromechanical switches on this row. Since some switches are used for both local and tandem switching, the sum of rows 0132 and 0134 may be greater than the amounts entered on this row (see example, row 0110).

Row 0131 - Percent Total Switches - Enter the ratio of Electromechanical switches to total switches (row 0130 divided by row 0110, times 100). Round to 2 decimal places.

Row 0132 - E/M Local Switches - Enter in whole numbers, the total quantity of Electromechanical local switches used as local switches on this row.

Row 0133 - Percent Local Switches - Enter the ratio of Electromechanical local switches to total local switches (row 0132 divided by row 0111, times 100). Round to 2 decimal places.

Row 0134 - E/M Tandems - Enter in whole numbers, the total quantity of Electromechanical switches with tandem capability on this row.

Row 0135 - Percent Total Tandems - Enter the ratio of Electromechanical tandems to total tandems (row 0134 divided by 0112, times 100). Round to 2 decimal places.

Row 0140 - E/M Lines Served - Enter in whole numbers, the total quantity of lines served by Electromechanical switches.

Row 0141 - Percent Total Lines - Enter the ratio of lines served by Electromechanical switches to total lines in service, (row 0140 divided by row 0120, times 100). Round to 2 decimal places.

Row 0150 - Total ASPC Switches - Enter in whole numbers, the total quantity of local and tandem Analog Stored Program Controlled switches. Since some switches are used for both local and tandem switching, the sum of rows 0152 and 0154 may be greater than the amounts entered on this row (see example, row 0110).

Row 0151 - Percent Total Switches - Enter the ratio of Analog Stored Program Controlled switches to total switches (row 0150 divided by row 0110, times 100). Round to 2 decimal places.

Row 0152 - ASPC Local Switches - Enter in whole numbers, the total quantity of Analog Stored Program Controlled switches used as local switches on this row.

Row 0153 - Percent Local Switches - Enter the ratio of Analog Stored Program Controlled switches to total local switches (row 0152 divided by row 0111, times 100). Round to 2 decimal places.

Row 0154 - ASPC Tandems - Enter in whole numbers, the total quantity of Analog Stored Program Controlled switches with tandem capability on this row.

Row 0155 - Percent Total Tandems - Enter the ratio of Analog Stored Program Controlled tandems to total tandems (row 0154 divided by row 0112, times 100). Round to 2 decimal places.

Row 0160 - ASPC Lines Served - Enter in whole numbers, the total quantity of lines served by Analog Stored Program Controlled switches.

Row 0161 - Percent Total Lines - Enter the ratio of lines served by Analog Stored Program Controlled switches to total lines in service, (row 160 divided by row 0120, times 100). Round to 2 decimal places.

Row 0170 - Total DSPC Switches - Enter in whole numbers, the total quantity of local and tandem Digital Stored Program Controlled switches on this row. Since some switches are used for both local and tandem switching, the sum of rows 0172 and 0174 may be greater than the amounts entered on this row (see example, row 0110).

Row 0171 - Percent Total Switches - Enter the ratio of Digital Stored Program Controlled switches to total switches (row 0170 divided by row 0110, times 100). Round to 2 decimal places.

Row 0172 - DSPC Local Switches - Enter in whole numbers, the total quantity of Digital Stored Program Controlled switches used as local switches on this row.

Row 0173 - Percent Local Switches - Enter the ratio of Digital Stored Program Controlled local switches to total local switches (row 0172 divided by row 0111, times 100). Round to 2 decimal places.

Row 0174 - DSPC Tandems - Enter in whole numbers, the total quantity of Digital Stored Program Controlled switches with tandem capability on this row.

Row 0175 - Percent Total Tandems - Enter the ratio of Digital Stored Program Controlled tandems total tandems (row 0174 divided by row 0112, times 100). Round to 2 decimal places.

Row 0180 - DSPC Lines Served - Enter in whole numbers, the total quantity of lines served by Digital Stored Program Controlled switches.

Row 0181 - Percent Total Lines - Enter the ratio of lines served by Digital Stored Program Controlled switches to total lines in service, (row 0180 divided by row 0120, times 100). Round to 2 decimal places.

Row 0190 - Switches Equipped for Equal Access - Enter in whole numbers, the total quantity of switches equipped for equal access, Feature Group D service.

Row 0191 - Percent Total Switches - Enter the ratio of switches equipped for equal access to total switches (row 0190 divided by row 0110, times 100). Round to 2 decimal places.

Row 0200 - Access Lines with Equal Access - Enter in whole numbers, the total quantity of access lines served by switches equipped for equal access.

Row 0201 - Percent Total Lines - Enter the ratio of lines served by switches equipped for equal access to total lines in service, (row 0200 divided by row 0120, times 100). Round to 2 decimal places.

Row 0210 - Touch-Tone Capable Switches - Enter in whole numbers, the total quantity of switches equipped for Touch-Tone.

Row 0211 - Percent Local Switches - Enter the ratio of switches equipped for Touch-Tone to local switches (row 0210 divided by row 0111, times 100). Round to 2 decimal places.

Row 0220 - Access Lines with Touch-Tone Capability - Enter in whole numbers, the total quantity of access lines served by switches equipped for Touch-Tone.

Row 0221 - Percent Total Lines - Enter the ratio of access lines served by switches equipped for Touch-Tone to total access lines, (row 0220 divided by row 0120, times 100). Round to 2 decimal places.

Row 0230 - Total Switches Equipped with SS7-394 (InterLATA) Service - Enter in whole numbers, the total quantity of local and tandem switches equipped with SS7-394 (InterLATA) Service.

Row 0231 - Percent Total Switches - Enter the ratio of switches equipped with SS7-394 (InterLATA) Service to total switches (row 0230 divided by row 0110, times 100). Round to 2 decimal places.

Row 0232 - Lines with Access to SS7-304 - Enter in whole numbers, the total quantity of lines in service that are served by switches equipped with SS7-394.

Row 0233 - Percent Total Access Lines - Enter the ratio of lines served by switches equipped with SS7-394 to total access lines, (row 0232 divided by row 0120, times 100). Round to 2 decimal places.

Row 0234 - Total Switches Equipped with SS7-317 (IntraLATA) Service - Enter in whole numbers, the total quantity of switches equipped with SS7-317 (IntraLATA) Service on this row.

Row 0235 - Percent Total Switches - Enter the ratio of switches equipped with SS7-317 (IntraLATA) Service to total switches (row 0234 divided by row 0110, times 100). Round to 2 decimal places.

Row 0236 - Lines with Access to SS7-317 - Enter in whole numbers, the total quantity of lines served by switches equipped with SS7-317.

Row 0237 - Percent Total Access Lines - Enter the ratio of access lines served by switches equipped with SS7-317 to total access lines, (row 0236 divided by row 0120, times 100). Round to 2 decimal places.

Row 0240 - Local Switches Equipped with SS7-394 (InterLATA) Service - Enter in whole numbers, the total quantity of switches used as local switches that are equipped with SS7-394 (InterLATA) Service.

Row 0241 - Percent Total Local Switches - Enter the ratio of local switches equipped with SS7-394 (InterLATA) Service to total local switches (row 0240 divided by row 0111, times 100). Round to 2 decimal places.

Row 0246 - Local Switches with SS7-317 (IntraLATA) Service - Enter in whole numbers, the total quantity of switches used as local switches that are equipped with SS7-317 (IntraLATA) Service.

Row 0247 - Percent Total Local Switches - Enter the ratio of local switches equipped with SS7-317 (IntraLATA) Service to total local switches (row 0246 divided by row 0111, times 100). Round to 2 decimal places.

Row 0250 - Tandems Equipped with SS7-394 (InterLATA) Service - Enter in whole numbers, the total quantity of switches with tandem capability that are equipped with SS7-394 (InterLATA) Service.

Row 0251 - Percent Total Tandems - Enter the ratio of tandem switches equipped with SS7-394 (InterLATA) Service to total tandems (row 0250 divided by row 0112, times 100). Round to 2 decimal places.

Row 0256 - Tandems Equipped with SS7-317 (IntraLATA) Service - Enter in whole numbers, the total quantity of switches with tandem capability that are equipped with SS7-317 (IntraLATA) Service.

Row 0257 - Percent Total Tandems - Enter the ratio of tandem switches equipped with SS7-317 (IntraLATA) Service to total tandems (row 0256 divided by row 0112, times 100). Round to 2 decimal places.

Row 0270 - Total Switches Equipped with ISDN - Enter in whole numbers, the total quantity of local and tandem switches that are equipped with ISDN. Since some switches are used for both local and tandem switching, the sum of rows 0280 and 0290 may be greater than the amounts entered on this row (see example, row 0110).

Row 0271 - Percent Total Switches - Enter the ratio of switches equipped with ISDN to total switches, (row 0270 divided by row 0110, times 100). Round to 2 decimal places.

Row 0280 - Local Switches Equipped with ISDN - Enter in whole numbers, the total quantity of local switches that are equipped with ISDN.

Row 0281 - Percent Total Local Switches - Enter the ratio of local switches equipped with ISDN to total local switches (row 0280 divided by row 0111, times 100). Round to 2 decimal places.

Row 0290 - Tandems Equipped with ISDN - Enter in whole numbers, the total quantity of switches with tandem capability that are equipped with ISDN.

Row 0291 - Percent Total Tandems - Enter the ratio of tandems equipped with ISDN to total tandems (row 0290 divided by row 0112, times 100). Round to 2 decimal places.

Row 0300 - Lines with Access to ISDN - Enter in whole numbers, the total quantity of lines served by switches equipped with ISDN. Do not include in this count lines that could be connected to switches equipped with ISDN.

Row 0301 - Percent Total Lines - Enter the ratio of lines served by switches equipped with ISDN to total lines in service, (row 0300 divided by row 0120, times 100). Round to 2 decimal places. Do not include in this count lines that could be connected to switches equipped with ISDN.

Row 0311 - Basic Rate ISDN (BRI) Interfaces Equipped - Basic rate ISDN consists of two Bearer Channels at 64 Kilobits/second and one Delta Channel at 16 kilobits/second. Quantities reflected are the number of (2B + D) BRI interfaces equipped. This amount represents actual interfaces equipped with ISDN. Enter in whole numbers.

Row 0312 - Primary Rate ISDN (PRI) Interfaces Equipped - Equivalent primary rate ISDN interfaces are generally configured as 23 Bearer Channels and one Delta Channel all at 64 kilobits/second. Quantities reflected are the number of equivalent PRI (23B + D) ISDN interfaces equipped, excluding interoffice PRI ISDN interfaces. This amount represents actual interfaces equipped with ISDN. Enter in whole numbers.

#### Table II

Row 0320 - Total Sheath Kilometers - The Total length in kilometers of all loop and interoffice cables (Plant in Service - Account 2410) without regard to the number of pairs. Round to 1 decimal place. Row 0320 shall equal the sum of rows 0321, 0322, and 0323.

Row 0321 - Copper - Enter the number of sheath kilometers of twisted pair copper cable on this row. Round to 1 decimal place.

Row 0322 - Fiber - Enter the number of sheath kilometers of fiber on this row. Round to 1 decimal place.

Row 0323 - Other - Enter the number of sheath kilometers of aluminum, coaxial, and all other sheath kilometers not included in rows 0321 or 0322, on this row. Round to 1 decimal place.

Row 0330 - Total Circuit Links - A circuit link is that link that exists between points A and B where voice frequency/DS0 cross-connects and/or analog/digital conversion (collectively referenced here as conversion) occurs. Circuit links are counted as follows: If there is a circuit between A and B with no intermediate conversions, count one circuit link for each voice frequency equivalent channel. If there is a circuit between A and B with one intermediate conversion, count two circuit links for each voice frequency equivalent channel. Similarly, two intermediate conversions between A and B would result in three circuit links per voice equivalent channel. Enter in whole numbers.

Row 0331 - Baseband - Enter the number of baseband circuit links on this row. Enter in whole numbers.

Row 0332 - Analog Carrier - Enter the number of analog carrier circuit links, converted to voice frequency equivalents, on this row. Enter in whole numbers.

Row 0333 - Digital Carrier - Enter the number of digital carrier circuit links, converted to voice grade equivalents, on this row. Enter in whole numbers.

Carrier Links - A carrier link is defined as a segment of a carrier-derived interoffice transmission facility between points at which either a change in carrier technology (i.e., analog, digital) or transmission medium (i.e., copper, fiber, or radio) occurs. For a facility with no intermediate changes, count one carrier link. For a facility with one intermediate change, count two carrier links. For a facility with two intermediate changes, count three carrier links, and so on. Counts are on an analog group or DS-1 equivalent basis.

Row 0350 - Analog Carrier Links - Enter the number of analog carrier links on this row. This amount equals the sum of rows 0351 and 0352. Enter in whole numbers.

Row 0351 - Copper - Enter the number of copper analog carrier links on this row. Enter in whole numbers.

Row 0352 - Radio - Enter the number of radio analog carrier links on this row. Enter in whole numbers.

Row 0360 - Digital Carrier Links - Enter the number of digital carrier links on this row. This amount equals the sum of rows 0361, 0362 and 0363. Enter in whole numbers.

Row 0361 - Copper - Enter the number of copper digital carrier links on this row. Enter in whole numbers.

Row 0362 - Radio - Enter the number of radio digital carrier links on this row. Enter in whole numbers.

Row 0363 - Fiber - Enter the number of fiber digital carrier links on this row. Enter in whole numbers.

LOOP PLANT - CENTRAL OFFICE TERMINATIONS - These facilities are from the central office to the end users. Local loop includes analog type services only. It excludes ISDN.

Row 0370 - Total Working Channels - Working Channels are on a 4 kHz bandwidth (single voice channel) basis. Working channels originating from a remote switch are treated the same as if the channels originated in the host central office. All reports of working channels are counted on this 4 kHz basis for purposes of this report. This amount equals the sum of rows 0380, 0390 and 0410. Enter in whole numbers.

Row 0380 - Total Copper - Enter the number of copper working channels on this row. This amount equals the sum of rows 0381, 0382 and 0383. Enter in whole numbers.

Row 0381 - Baseband - Enter the number of baseband copper working channels, converted to voice frequency equivalents, on this row. Enter in whole numbers.

Row 0382 - Analog Carrier - Enter the number of analog carrier copper working channels, converted to voice frequency equivalents, on this row. Enter in whole numbers.

Row 0383 - Digital Carrier - Enter the number of digital carrier copper working channels, converted to voice frequency equivalents, on this row. Enter in whole numbers.

Row 0390 - Fiber Digital Carrier - Enter the number of fiber digital carrier working channels, converted to voice frequency equivalents, on this row. Enter in whole numbers.

Row 0410 - Other - Enter the number of other working channels on this row. **Explain the data entered here in a footnote.** Enter in whole numbers.

Row 0420 - Total Equipped Channels - Equipped channels are on a 4 kHz bandwidth (single voice channel) basis. Equipped channels originating from a remote switch are treated the same as if the channels originated in the host central office. This amount equals the sum of rows 0430, 0440 and 0460. Enter in whole numbers.

Row 0430 - Copper - Enter the number of copper equipped channels on this row. This amount equals the sum of rows 0431, 0432 and 0433. Enter in whole numbers.

Row 0431 - Baseband - Enter the number of baseband copper equipped channels in whole numbers on this row.



Row 0432 - Analog Carrier - Enter the number of analog carrier copper equipped channels in whole numbers on this row.

Row 0433 - Digital Carrier - Enter the number of digital carrier copper equipped channels in whole numbers on this row.

Row 0440 - Fiber Digital Carrier - Enter the number of fiber digital carrier equipped channels in whole numbers on this row.

Row 0460 - Other - Enter the number of other equipped channels in whole numbers on this row.  
**Explain the data entered here in a footnote.**

Row 0470 - Copper Pairs Terminated at the Main Frame (Loop Plant Only) - Enter the number of copper pairs terminated at the main frame in whole numbers.

Row 0480 - Fiber Strands Terminated in the Central Office (Loop Plant Only) - Enter the number of individual fiber strands terminated in central offices in whole numbers on this row.

Row 0481 - Fiber Terminated at Customer's Premises at the DS0 Rate - Enter the number of individual customer services provided over fiber strands terminated at the customer's premises, other than trials, at the DS0 rate on this row. Enter in whole numbers.

Row 0482 - Fiber Terminated at Customer's Premises at the DS1 Rate - Enter the number of individual customer services provided over fiber strands terminated at the customer's premises, other than trials, at the DS1 rate on this row. Enter in whole numbers.

Row 0483 - Fiber Terminated at Customer's Premises at the DS2 Rate - Enter the number of individual customer services provided over fiber strands terminated at the customer's premises, other than trials, at the DS2 rate on this row. Enter in whole numbers.

Row 0484 - Fiber Terminated at the Customer's Premises at the DS3 Rate or Higher - Enter the number of individual customer services provided over fiber strands terminated at the customer's premises, other than trials, at the DS3 rate or higher on this row. **Footnote the number of individual services provided over fiber strands terminated at the customer's premises at a higher than DS3 rate, if any.** Enter in whole numbers.

Row 0490 - Subscriber Lines Capable of ISDN - Enter in whole numbers, the quantity of working subscriber lines (loop plant between customer locations and their serving central offices) that meet all current transmission parameters for basic rate (2B+D) ISDN without additional engineering. (Transmission parameters include resistance, attenuation, absence of loading coils, bridged taps, etc.) This quantity shall include all lines currently providing ISDN, and shall also include lines served by all wire centers in the study area, including those from switches not capable of providing ISDN. The number must reflect the operations as of the end of the reporting year (Dec. 31, XXXX).

## Table III

Row 0510 - Total - Enter the data for the total number of end offices in the appropriate columns on this row. Enter in whole numbers in column (e), End Offices. Round columns (f) through (j) to 2 decimal places.

Row 0511 - End Office Electromechanical Switches - Enter the data for the total number of end offices equipped with electromechanical switches in the appropriate columns on this row. Enter in whole numbers in column (e), End Offices. Round columns (f) through (j) to 2 decimal places.

Row 0512 - End Office SPC Analog Switches - Enter the data for the total number of end offices equipped with SPC analog switches in the appropriate columns in this row. Enter in whole numbers in column (e), End Offices. Round columns (f) through (j) to 2 decimal places.

Row 0513 - End Office Digital Switches - Enter the data for the total number of end offices equipped with Digital Switches in the appropriate columns on this row. Enter in whole numbers in column (e), End Offices. (Round columns (f) through (j) to 2 decimal places.

Row 0520 - Total Access Lines - Enter the percent of the network represented by the total number of access lines in the appropriate columns in this row. Round to 2 decimal places.

Row 0521 - Access Lines Electromechanical Switches - Enter the percent of the network represented by the total number of access lines equipped with electromechanical switches in the appropriate columns on this row. Round to 2 decimal places.

Row 0522 - Access Lines SPC Analog Switches - Enter the percent of the network represented by the total number of access lines equipped with SPC analog switches in the appropriate columns on this row. Round to 2 decimal places.

Row 0523 - Access Lines Digital Switches - Enter the percent of the network represented by the total number of access lines equipped with Digital Switches in the appropriate columns on this row. Round to 2 decimal places.

## Table IV

Row 0530 - Total Access Lines in Service - Enter in whole numbers, the quantity of all access lines in service on this row.

Row 0531 - Access Line Gain - Enter in whole numbers, the amount calculated by subtracting the amount reported in row 0530 for the previous reporting period from the amount reported in row 0530 for the current reporting period.

Row 0540 - Total TPIS Gross Additions (000) - Enter the dollar amount of gross additions to accounts 2110, 2210, 2220, 2230, 2310, 2410, 2680 and 2690 during the current reporting period. This amount should be consistent with ARMIS Report 43-02, Table B-1, row 0260, column (ac). Round to the nearest thousand.

## Infrastructure Report

## Column Descriptions

## Table I

Column (a) - Total Study Area - This column represents the total study area. A study area usually consists of a telephone company's service territory in a given state, although telephone companies occasionally have more than one study area in a particular state. Enter the facilities in the total study area in this column. This amount should equal column (b) plus column (c).

Column (b) - Within MSA - This column represents all MSAs served within the study area. MSAs, or Metropolitan Statistical Areas, are designated by the Office of Management and Budget in a list following each decennial census. An MSA includes at least one city with a minimum population of 50,000 and its surrounding area, or a Census Bureau defined urbanized area of at least 50,000 population located in one or more counties that qualify and whose population is at least 100,000. See 55 Fed. Reg. 12154 (March 30, 1990). Enter the facilities within any MSA in the Study Area in this column.

Column (c) - Non-MSA - This column represents all areas which lie outside of any MSA. Enter the facilities in the Study Area which are located outside of any MSA.

## Table II

Column (d) - Total Study Area - See description for Table I, column (a).

## Table III

Call Set-Up Time - For the purposes of infrastructure reporting, call set-up time is defined as "the time between dialing the last digit and the response or acknowledgement 'winkback,' or the acknowledgement of signal receipt from the interexchange carrier." Report call set-up time in seconds.

Column (e) - End Offices - In rows 0510 through 0513, enter the total number of end offices appropriate for each row. In rows 0520 through 0523, enter the percent of the network represented, consistent with the line data provided in Table I of the Infrastructure Report. **Footnote the number of end offices used in the Bellcore studies that developed the underlying data.**

Average Call Set-Up Time - Average call set-up time is the average amount of call set-up time for all end office types.

Direct - Direct access from the end office to the interexchange carrier POP.

Column (f) - SS7-394 (InterLATA) - Enter the average call set-up time (rows 0510 through 0513), and the percent of network represented (rows 0520 through 0523), for direct access from end offices using SS7-394.

Column (g) - MF - Enter the average call set-up time (rows 0510 through 0513), and the percent of the network represented (rows 0520 through 0523), for direct access from end offices using multifrequency signaling.

Via Access Tandem - End Offices routing calls through a switch having tandem capability.

Column (h) - SS7-394 (InterLATA) - Enter the average call set-up time (rows 0510 through 0513), and the percent of the network represented (rows 0520 through 0523), for end offices routing calls through tandem switches using SS7-394.

Column (i) - MF - Enter the average call set-up time (rows 0510 through 0513), and the percent of the network represented (rows 0520 through 0523), for end offices routing calls through tandem switches using multifrequency signaling.

Column (j) - Mixed - Enter the average call set-up time (rows 0510 through 0513), and the percent of the network represented (rows 0520 through 0523), for end offices using multifrequency signaling, routing calls through a tandem switch using SS7-394 signaling.

#### Table IV

Column (k) - Total Study Area - See description for Table I, column (a).

CERTIFICATION

I certify that I am an officer of \_\_\_\_\_ ;  
that I have examined the foregoing report \_\_\_\_\_ and that to the best of my knowledge, information,  
and belief, all statements of fact contained in this report are true and that said report is an accurate  
statement of the affairs of the above named respondent in respect to the data set forth herein for the  
period from \_\_\_\_\_ to \_\_\_\_\_.

PRINTED NAME

---

POSITION

---

SIGNATURE

---

DATE

---

(Persons making willful false statements in this report form can be punished by fine or imprisonment under the Communications Act, 47 U.S.C. 220(e).)

CONTACT PERSON

---

TELEPHONE NUMBER

---

## A. Introduction

This document contains the detailed automated data processing (ADP) specifications for the automated report to be filed as FCC Report 43-07, the ARMIS Infrastructure Report.

## B. General Format and Media

1. All data must be submitted on 3.5-inch, high-density IBM-PC compatible diskettes. Each diskette must have a label that displays the report number, the company name, the COSA(s), the reporting period, the version, the submission number, and the date data was submitted to the FCC. Additionally, the label must be placed on the diskette so that it is readable with the metal plate facing down. See page 6 for sample diskette label.
2. All files must be coded in ASCII.
3. The Commission has determined that no confidential treatment shall be granted for Report 43-07 filings.
4. The file name for each file has six components:
  - a. the four letter COSA code (CO = Company, SA = Study Area, see the COSA Code Table for a list of companies and their respective COSAs).
  - b. the last two digits of the year which is covered by the data.
  - c. the letters "IS".
  - d. a decimal point.
  - e. the letter "U" to indicate whether this is the Unrestricted version.
  - f. two digits (zero filled) for the submission number: Submission 00 is for test data purposes only; Submission 01 is for the first submission of a year's data. If there is a change in the data in either the automated or paper report, the carrier must resubmit both. A higher number (2, 3, etc.) and a new data entry date must be used each time a change occurs to denote a new submission. The automated and paper report submission numbers must be the same. When correcting format errors, a new submission number is not required, however, the data entry date must be changed to reflect the date of the format change.

For example, the file name for the Unrestricted Version of the initial Infrastructure Report data file to be submitted by Illinois Bell to cover the calendar year 2000, would be LBIL00IS.U01:

LBIL	COSA for Illinois Bell
00	Data for calendar year 2000
IS	Infrastructure Report data file

.	Decimal point
U	Unrestricted version
01	First submission of this year's data

5. A separate file must be prepared for each report. More than one file can be placed on the same diskette, as long as they cover the same period and version (different submission numbers are allowed).

#### C. Data Entry Conventions

1. Give each record a unique record number, beginning with 1001 and incrementing by one, with no numbers skipped.
2. Begin each data record in column 1 and make each record the proper length as specified in the record layouts. Commas are used as delimiters between fields. All numeric fields are right justified and space filled, e.g. use    123, NOT 123. All non-numeric fields are enclosed in double quotation marks and are left justified and space filled within these quotation marks, e.g. use "John Doe ".
3. If an entry is to be a subtraction, indicate so by placing a minus sign in the column, immediately preceding the numeric data, e.g., use -4, NOT - 4 or (4).
4. Do NOT include "\$", "%", embedded commas, decimal points, quotes or other formatting characters in any numeric data fields, except for row numbers and percentage fields, which will include a decimal point but not a percent sign.
5. In any numeric data field designated by N/A, enter -99999. Enter -77777 in any numeric data field which the reporting carrier designates as "Irretrievable" and footnote the reason for that entry (include a cite to the waiver and a note as to its duration). Filing carriers are NOT permitted to enter additional designators. If a reporting carrier wishes to apply data to a field designated by N/A, the carrier should enter as a footnote to the field, the amount(s) and an explanation. The amount(s) must not be entered in the N/A field. These entries must be formatted according to the format rules for the particular data field; e.g., in the percentage fields, -99999 would be entered as -99999.00.
6. All fields must be populated. If a data field equals the quantity zero, enter the numeral zero in that field. This is the only proper use of zero in this report.

#### D. Rounding Conventions

1. As specified in the Report Definition, monetary amounts must be rounded to the nearest thousand dollars.



2. All kilometers must be rounded to 1 decimal place.
3. All access lines must be entered in whole numbers.
4. All switches, tandems, host remotes, interfaces, circuit lines, carrier links, terminations, channels, copper pairs, and fiber strands must be entered in whole numbers.
5. All percentage amounts must be entered as in the following example and rounded to 2 decimal places.

Example: 23.70561 percent must be entered as 23.71

E. Footnotes

1. If any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances, then include detailed footnote text to explain the specific circumstances. Certain items require accompanying footnotes and those items are specified in the appropriate section of the instructions for filing the 43-07. Such footnotes are mandatory and must be entered in the Footnote Records of the automated report.
2. If the reporting carrier does not follow the procedures described in the row and column instructions of the Report Definition, it must explain any deviations from those procedures in an explanatory footnote. Such footnotes must provide detailed explanations of the procedures actually used by the carrier and its specific reasons for deviating from procedures prescribed by the Commission's Rules. This provision should not be interpreted to mean that deviations from the prescribed rules will automatically be approved by the Commission. See Section E of the Reporting Procedures for examples of valid footnotes.
3. Footnote entries must provide detailed explanations for only those items reported in the current submission. Footnotes from prior submissions should be included only if they remain applicable. In other words, when a resubmission nullifies an existing footnote, remove the footnote.
4. Footnotes must be included in the footnote text record(s) of the automated report.

F. Errata

1. Carriers are under a legal obligation to correct any erroneous data discovered in FCC Report 43-07. See Section B of the Reporting Procedures for use of submission numbers when an erratum occurs.

2. Submissions containing corrected data must include references to indicate which data items were corrected since the previous submission. If the data items being corrected impact other data items in the report, then those items must also be corrected and referenced. Erratum references should reflect only those items corrected in the new submission. References from prior submissions must not be included in the new submission.
3. These references must be included in the Erratum Record(s). In addition, carriers must include in the transmittal letter, a brief statement indicating the reason for the errata.

G. Data Validation Programs

1. Each reporting carrier must validate its data by using the most recent edit check program(s), provided by the Commission, for the reporting year. When an error is detected, the carrier must correct the error prior to submitting the report to the Commission. Once the carrier corrects its data so that the edit check program identifies no errors, the carrier should submit the ARMIS report along with a copy of the edit check printout to the Commission verifying that the program did not identify any errors.

H. Data Record Descriptions

The ten data record types are described below. See pages 7 through 22 for record layouts. The automated file will consist of the following record types:

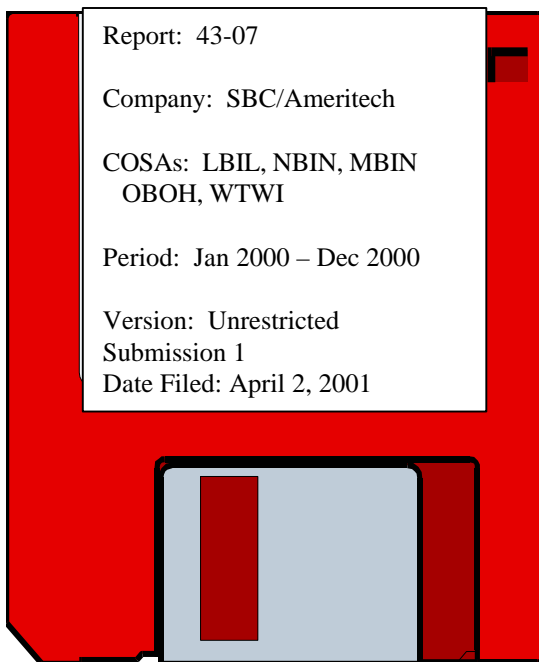
1. Record Type H1 - Header Record  
One Type H1 record per file. The first record of each file. Contains identifying data. See page 7 for record layout.
2. Record Type L2 - Label Record  
One Type L2 record per file. The second record of each file. Contains report number, carrier classification, carrier name, study area name, etc. See page 8 for record layout.
3. Record Type V1 – (Table I) Switching Equipment Data Record  
Sixty-four Type V1 records per file. One record for each of the 64 rows of data on the total number of switching entities as shown on pages 3 & 4 of the Report Definition. See pages 9 & 10 for record layout.
4. Record Type Y2 - (Table II) Transmission Facilities Data Record  
Thirty-six Type Y2 records per file. One record for each of the 36 rows of data on LEC transmission facilities as shown on pages 5 & 6 of the Report Definition. See page 11 for record layout.

5. Record Type Z1 - (Table III) LEC Call Set-up Time Data Record  
Eight Type Z1 records per file. One record for each of the 8 rows of data as shown on page 7 of the Report Definition. See pages 12 & 13 for record layout.
6. Record Type A1 - (Table IV) Additions and Book Costs Data Record  
Three Type A1 records per file. One record for each of the 3 rows of data used to track capital investment amounts as shown on page 8 of the Report Definition. See page 14 & 15 for record layout.
7. Record Type C7 - Confidential Treatment Record  
Optional. Zero or more Type C7 records per file contains information to identify the data for which the carrier is seeking confidential treatment. See pages 16 & 17 for record layout.
8. Record Type F3 - Footnote Record  
One or more Type F3 records per file. Contains explanatory footnote text. . Certain items require accompanying mandatory footnotes and those items are specified in the appropriate section of the instructions for filing the 43-07. See pages 18 & 19 for record layout.
9. Record Type E2 - Erratum Record  
Zero Type E2 records in the first submission of a year's data. One or more Type E2 records per file in revisions filed to correct that year's submission. Each time an erratum occurs, a carrier must use a new submission number. The same submission number must be used for the automated report and the paper report. Contains information to identify the data which was corrected in this submission. See pages 20 & 21 for record layout.
10. Record Type T1 - Trailer Record  
One Type T1 record per file. The last record of each file contains contact person, etc. See page 22 for record layout.

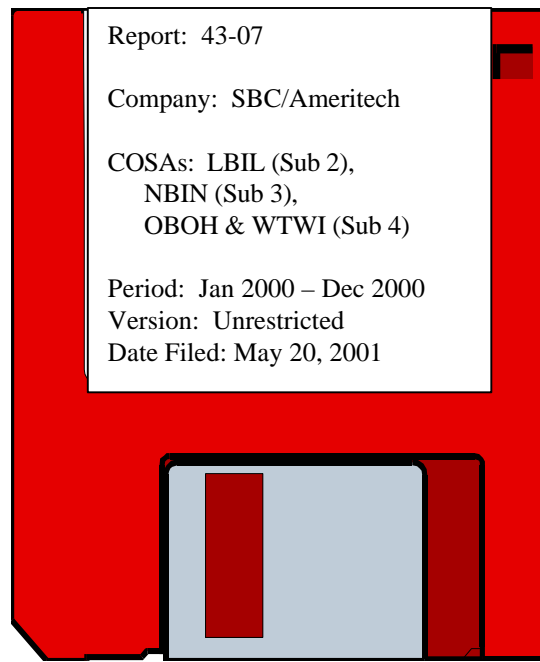
**SAMPLE DISKETTE AND LABEL**

Each diskette must have a label that displays the report number, the company name, the COSA(s), the reporting period, the version, the submission number, and the date data was submitted to the FCC. Additionally, the label must be placed on the diskette so that it is readable with the metal plate facing down.

**Sample 1:** COSAs with the same submission number



**Sample 2:** COSAs with different submissions numbers



RECORD TYPE H1 - HEADER RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number	1001	1 – 4	The sequential number of this record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"H1"	13 – 16	Always contains the letter H capitalized and the number 1 with no space between them. Format: Include quotation marks.
4	File Name	"LBIL00IS.U01"	18 – 31	The name of the ASCII file. Format: See page 1, paragraph B.4. Include quotation marks.
5	Year	2000	33 – 36	The year covered by the data.
6	Quarter #	0	38	Always contains the number 0 since this is an annual data file.
7	Data Entry Date	20010315	40 – 47	The date on which the data were last entered or revised. Format: YYYYMMDD.
8	Version	"U"	49 – 51	The version letter U capitalized for Unrestricted. Format: Include quotation marks.
9	Submission #	01	53 – 54	00 for test data purposes only; 01 for first submission of a year's data. Higher numbers (02, 03, etc.) are used each time a change occurs to denote a new submission. The same submission number must be used for the automated and paper reports. Format: Right justified.
10	End of Record Code	"XQ"	56 – 59	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

Note: All fields are separated by commas.

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1            2            3            4            5

12345678901234567890123456789012345678901234567890123456789

Sample record:

1001,"LBIL","H1","LBIL00IS.U01",2000,0,20010315,"U",01,"XQ"

RECORD TYPE L2 - LABEL RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number	1002	1 – 4	The sequential number of this record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"L2"	13 – 16	Always contains the letter L capitalized and the number 2 with no space between them. Format: Include quotation marks.
4	Report Number	"FCC REPORT 43-07"	18 – 35	Always contains "FCC REPORT 43-07" capitalized. Format: Include quotation marks.
5	Account Filing Level	"A"	37 – 39	Account filing level (Class A or B) capitalized. Format: Include quotation marks.
6	Carrier	"Illinois Bell " (spaces until pos. 70)	41 - 71	Name of the carrier. Format: Left justified and space filled. Include quotation marks.
7	Study Area	"Illinois "	73 - 95	Name of the study area. Format: Left justified and space filled. Include quotation marks.
8	Period Covered	"Jan 2000 to Dec 2000"	97 – 118	Period covered by the data. Format: "mmm yyyy to mmm yyyy" Include quotation marks.
9	End of Record Code	"XQ"	120 – 123	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

Note: All fields are separated by commas.

---

1	2	3	4	5	6	7	8	9
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345								
Sample record:								
1002,"LBIL","L2","FCC REPORT 43-07","A","Illinois Bell", "Illinois"								

---

1	1	1
0	1	2
6789012345678901234567890123		
Continuation of sample record:		
,"Jan 2000 to Dec 2000","XQ"		

RECORD TYPE V1 - SWITCHING EQUIPMENT DATA RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number	1004	1 – 4	The sequential number of this record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"V1"	13 – 16	Always contains the letter V capitalized and the number 1 with no space between them. Format: Include quotation marks.
4	Row Number	0111.0	18 – 23	Row numbers as identified on the Report Definition. Valid range: 0110.0 to 0312.0 Format: Right justified and space filled, with one decimal place. Since all applicable row numbers are integers, append .0 to each row number.
5	Column (a) data	152	25 – 33	This field contains the data corresponding to column (a) as shown on the Form Section of the Report Definition. DO NOT override designated N/As. Format: Right justified and space filled. Enter -99999 in integer rows and -99999.00 in percentage rows where a field is designated by N/A. Enter -77777 in integer rows and -77777.00 in percentage rows where data for a field are Irretrievable. All other fields must be populated.
6	Column (b) data	132	35 – 43	Column (b) data Format: See Field 5 above.
7	Column (c) data	20	45 – 53	Column (c) data Format: See Field 5 above.

RECORD TYPE V1 - SWITCHING EQUIPMENT DATA RECORD (continued)

8 End of Record Code "XQ" 55 – 58 Always contains the letters XQ capitalized with no space between them to indicate the end of the record.  
 Format: Include quotation marks.

Note: All fields are separated by commas.

Footnote records are needed if any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances. Also, if the carrier does not follow the procedures described in the row/column instructions in the Report Definition, footnote records are needed.

Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s). Record Type V1 requires mandatory footnotes for those data fields designated as "Irretrievable".

1	2	3	4	5
12345678901234567890123456789012345678901234567890123456789012345678				
Sample record:				
1004,"LBIL",	"V1",0111.0,	152,	132,	20,"XQ"



RECORD TYPE Y2 - TRANSMISSION FACILITIES DATA RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number	1067	1 – 4	The sequential number of this record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"Y1"	13 – 16	Always contains the letter Y capitalized and the number 1 with no space between them. Format: Include quotation marks.
4	Row Number	0320.0	18 – 23	Row numbers as identified on the Report Definition. Valid range: 0320.0 to 0490.0 Format: Right justified and space filled, with one decimal place. Since all applicable row numbers are integers, append .0 to each row number.
5	Total Study Area	103852.3	25 – 33	This field contains the data corresponding to column (d) as shown on the Form Section of the Report Definition. Format: Right justified and space filled. Enter -77777 in integer rows and -77777.0 in percentage rows where data for a field are Irretrievable. All other fields must be populated.
6	End of Record Code	"XQ"	35 – 38	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

Note: All fields are separated by commas.

Footnote records are needed if any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances. Also, if the carrier does not follow the procedures described in the row/column instructions in the Report Definition, footnote records are needed.

Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s). Record Type Y2 requires mandatory footnotes for those data fields designated as "Irretrievable" and data reported on Rows 0410, 0460 and 0484.

---

1            2            3

12345678901234567890123456789012345678

Sample record:  
1067, "LBIL", "Y2", 0320.0, 103852.3, "XQ"

RECORD TYPE Z1 - LEC CALL SET-UP TIME DATA RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number	1103	1 – 4	The sequential number of this record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"Z1"	13 – 16	Always contains the letter Z capitalized and the number 1 with no space between them. Format: Include quotation marks.
4	Row Number	0510.0	18 – 23	Row numbers as identified on the Report Definition. Valid range: 0510.0 to 0523.0 Format: Right justified and space filled, with one decimal place. Since all applicable row numbers are integers, append .0 to each row number.
5	Column (e) data	97	25 – 33	This field contains the data corresponding to column (e) as shown on the Form Section of the Report Definition. Format: Right justified and space filled. Enter -77777 in integer rows and -77777.00 in percentage rows where data for a field are Irretrievable. All other fields must be populated.
6	Column (f) data	1.46	35 – 43	Column (f) data Format: See Field 5 above.
7	Column (g) data	2.02	45 – 53	Column (g) data Format: See Field 5 above.
8	Column (h) data	3.07	55 – 63	Column (h) data Format: See Field 5 above.
9	Column (i) data	2.16	65 – 73	Column (i) data Format: See Field 5 above.
10	Column (j) data	1.34	75 – 83	Column (j) data Format: See Field 5 above.
11	End of Record Code	"XQ"	85 – 88	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

RECORD TYPE Z1 - LEC CALL SET-UP TIME DATA RECORD (continued)

Note: All fields are separated by commas.

Footnote records are needed if any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances. Also, if the carrier does not follow the procedures described in the row/column instructions in the Report Definition, footnote records are needed.

Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s). Record Type Z1 requires mandatory footnotes for those data fields designated as "Irretrievable" and data reported in Column (e).

---

1	2	3	4	5	6	7	8
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678							
Sample record:							
1103,	"LBIL",	"Z1",	0510.0,	97,	1.46	2.02,	3.07,
						2.16,	1.34,"XQ"

RECORD TYPE A1 - ADDITIONS AND BOOK COST DATA RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number	1111	1 – 4	The sequential number of this record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"A1"	13 – 16	Always contains the letter A capitalized and the number 1 with no space between them. Format: Include quotation marks.
4	Row Number	0530.0	18 – 23	Row numbers as identified on the Report Definition. Valid range: 0530.0 to 0540.0 Format: Right justified and space filled, with one decimal place. Since all applicable row numbers are integers, append .0 to each row number.
5	Total Study Area	10358	25 – 33	This field contains the data corresponding to column (k) as shown on the Form Section of the Report Definition. Format: Right justified and space filled. Enter -77777 in integer rows and -77777.00 in percentage rows where data for a field are Irretrievable. All other fields must be populated.
6	End of Record Code	"XQ"	35 – 38	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

RECORD TYPE A1 - ADDITIONS AND BOOK COST DATA RECORD (continued)

Note: All fields are separated by commas.

Footnote records are needed if any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances. Also, if the carrier does not follow the procedures described in the row/column instructions in the Report Definition, footnote records are needed.

Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s). Record Type A1 requires mandatory footnotes for those data fields designated as "Irretrievable".

---

1	2	3
12345678901234567890123456789012345678		

Sample record:  
1111, "LBIL", "A1", 0530.0, 10358, "XQ"

RECORD TYPE C7 - CONFIDENTIAL TREATMENT RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number (for <u>this</u> record)	1114	1 – 4	The sequential number of <u>this</u> record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"C7"	13 – 16	Always contains the letter C capitalized and the number 7 with no space between them. Format: Include quotation marks.
4	Record Number (for the confidential data)	1003	18 – 21	This field contains the record number of the record which contains the data for which the carrier is seeking confidential treatment. If the request is for the entire column(s) or the entire submission, use 9999. Format: Right justified and space filled.
5	Table Number	"I "	23 – 28	This field contains the table number (Roman numerals) of the table in which the confidential data appear. If the request is for the entire submission, enter "ZZZZ." Format: Include quotation marks. Left justified and space filled.
6	Row Number	0110.0	30 – 35	This field contains the row number of the row which contains the confidential data as identified in the Report Definition. If the request is for the entire column(s), an entire table or the entire submission, enter 9999.0. Format: Right justified and space filled, with one decimal place. Since all applicable row numbers are integers, append .0 to each row number.
7	Column Label	"A "	37 – 40	This field contains the column letter of the confidential data as identified in the Report Definition. If the request is for an entire row, an entire table, or the entire submission, enter "ZZ." If the request is for more than one column but less than the entire row, then populate this field and as many as needed of fields 8 through 26. Format: Include quotation marks. Left justified and space filled.



RECORD TYPE F3 - FOOTNOTE TEXT RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number (for <u>this</u> record)	1115	1 – 4	The sequential number of <u>this</u> record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"F3"	13 – 16	Always contains the letter F capitalized and the number 3 with no space between them. Format: Include quotation marks.
4	Record Number (for the footnoted data)	1102	18 – 21	This field contains the record number of the record which contains the footnoted data. If the footnote pertains to the entire column(s), an entire table, or the entire submission, use 9999. Format: Right justified and space filled.
5	Table Number	"III "	23 – 28	This field contains the table number (Roman numerals) of the table in which the footnoted data appear. If the footnote pertains to an entire table, use "ZZZZ". Format: Include quotation marks. Left justified and space filled.
6	Row Number	0510.0	30 – 35	This field contains the row number of the row which contains the footnoted data as identified in the Report Definition. If the footnote pertains to the entire column(s), an entire table, or the entire submission, enter 9999.0. Format: Right justified and space filled, with one decimal place. Since all applicable row numbers are integers, append .0 to each row number.
7	Column Label	"E "	37 – 40	This field contains the column letter(s) of the footnoted data as identified in the Report Definition. If the footnote pertains to an entire row, an entire table, or the entire submission, enter "ZZ". Format: Include quotation marks. Left justified and space filled.
8	Footnote Number	1	42 – 44	The number of this particular footnote. Valid range: 1 to 999. Format: Right justified and space filled.



RECORD TYPE F3 – FOOTNOTE TEXT RECORD (continued)

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
9	Sequence Number	1	46 – 47	The sequence number of the record within the footnote. In other words, the order of the specific record in the sequence of records which, when combined, will provide the entire footnote. Valid range: 1 to 99. Format: Right justified and space filled.
10	Footnote Text	"Footnote text " (Spaces until pos. 104)	49-105	The text of the footnote or of the continuation line. Format: Include quotation marks at the beginning and end of this field and left justify within these quotation marks.
11	End of Record Code	"XQ"	107 – 110	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

Note: All fields are separated by commas.

Footnote records are needed if any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances. Also, if the carrier does not follow the procedures described in the row/column instructions in the Report Definition, footnote records are needed.

Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s). Such items are listed below and specified in the appropriate section of the instructions for filing this report:

- Record Type Y2 – field 4 (Rows 0410, 0460 and 0484)
- Record Type Z1 – field 5 (Column (e))
- All data fields designated as -77777 (Irretrievable).

Footnote entries must provide detailed explanations for only those items reported in the current submission. Footnotes from prior submission should be included only if they remain applicable. In other words, when a resubmission nullifies an existing footnote, remove the footnote.

---

1	2	3	4	5	6	7	8	9	0	1
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890										
Sample records:										
1115,"LBIL","F3",1008,"I	"	,0120.0,"A	"	1,	1,"Footnote 1 pertains to col A of Table II row 0120.0					","XQ"
1116,"LBIL","F3",1008,"I	"	,0120.0,"B	"	2,	1,"Footnote 1 pertains to col B of Table II row 0120.0					","XQ"
1117,"LBIL","F3",1102,"III	"	,0510.0,"E	"	3,	1,"Footnote text for footnote 3					","XQ"
1118,"LBIL","F3",1102,"III	"	,0510.0,"E	"	3,	2,"continuation text for footnote 3					","XQ"
1119,"LBIL","F3",1102,"III	"	,0510.0,"E	"	3,	3,"last line of footnote 3.					","XQ"
1120,"LBIL","F3",9999,"II	"	,9999.0,"D	"	4,	1,"Footnote 4 pertains to all rows of Table II column D.					","XQ"

RECORD TYPE E2- ERRATUM RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number (for <u>this</u> record)	1121	1 – 4	The sequential number of <u>this</u> record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"E2"	13 – 16	Always contains the letter E capitalized and the number 2 with no space between them. Format: Include quotation marks.
4	Record Number (for the corrected data)	1008	18 – 21	This field contains the record number of the record which contains the data which were corrected in this submission. If the entire column(s), an entire table, or the entire submission was corrected, use 9999. Format: Right justified and space filled.
5	Table Number	"I "	23 – 28	This field contains the table number (Roman numerals) of the table in which the corrected data appear. If an entire table or submission was corrected, use "ZZZZ". Format: Include quotation marks. Left justified and space filled.
6	Row Number	0120.0	30 – 35	This field contains the row number of the row which contains the corrected data as identified in the Report Definition. If the entire column(s), an entire table, or the entire submission was corrected, enter 9999.0. Format: Right justified and space filled, with one decimal place. Since all applicable row numbers are integers, append .0 to each row number.
7	Column Label	"A "	37 – 40	This field contains the column letter of the corrected data as identified in the Report Definition. If an entire row, an entire table, or the entire submission was corrected, enter "ZZ". If more than one column but less than the entire row was corrected, then populate this field and as many as needed of fields 8 through 26. Format: Include quotation marks. Left justified and space filled.



RECORD TYPE T1 - TRAILER RECORD

<u>Field</u>	<u>Item</u>	<u>Example</u>	<u>Position</u>	<u>Description</u>
1	Record Number	1120	1 – 4	The sequential number of this record within this data file plus 1000. Format: Right justified and space filled.
2	COSA	"LBIL"	6 – 11	The COSA code for the filing entity. Format: Include quotation marks.
3	Record Type	"T1"	13 – 16	Always contains the letter T capitalized and the number 1 with no space between them. Format: Include quotation marks.
4	Contact Person	"John Doe " (spaces until pos. 58)	18 – 59	The name of the person to contact if there are questions about the report. Format: Include quotation marks.
5	Telephone #	"(202) 555-1212 x123 "	61 – 82	The Contact Person's telephone number. Format: Include quotation marks.
6	End of Record Code	"XQ"	84 – 87	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

Note: All fields are separated by commas.

---

1	2	3	4	5	6	7	8
<u>123456789012345678901234567890123456789012345678901234567890123456789012345678901234567</u>							
Sample record:							
1122, "LBIL", "T1", "John Doe					", "(202) 555-1212 x123 ", "XQ"		

A. Introduction

This document contains the page layout and detailed specifications for the paper report to be filed as FCC Report 43-07, the ARMIS Infrastructure Report.

B. General Instructions

1. The Commission has determined that no confidential treatment shall be granted for Report 43-07 filings.
2. The paper report must be printed on 8 1/2 inch by 11-inch paper. For ease of preparation, an original may be produced on larger paper and reduced to this size for submission. Copies filed must be legible and permanent, in black ink. The report may be printed in portrait mode (8 1/2 inches across the top of the page) or landscape mode (11 inches across the top of the page). In portrait mode, the printing should not be smaller than 17 characters per inch and 8 lines per inch; in landscape mode, the printing should not be smaller than 15 characters per inch and 10 lines per inch.

C. Data Entry Conventions

1. If an entry is to be a subtraction, indicate so by placing a minus sign in the column immediately preceding the numeric data, e.g., use -4, NOT - 4 or (4).
2. Items that need not be reported because they do not apply are designated by N/A. If a filing carrier has a waiver applicable to a certain field, treat the data in that field as "Irretrievable" and enter "I/T". Carriers must footnote the reason for that entry (including a cite to the waiver and a note as to its duration). Filing carriers are NOT permitted to enter additional designators. If a reporting carrier wishes to apply data to a field designated by N/A, the carrier should enter as a footnote to the field, the amount(s) and an explanation. The amount(s) must not be entered in the N/A field.
3. All fields must be populated. If a data field equals the quantity zero, enter the numeral zero in that field. This is the only proper use of zero in this report.

D. Rounding Conventions

1. As specified in the Report Definition, monetary amounts must be rounded to the nearest thousand dollars.

2. All kilometers must be rounded to 1 decimal place.
3. All access lines must be entered in whole numbers.
4. All switches, tandems, host remotes, interfaces, circuit lines, carrier links, terminations, channels, copper pairs, and fiber strands must be entered in whole numbers.
5. All percentage amounts must be entered as in the following example and rounded to 2 decimal places.

Example: 23.70561 percent must be entered as 23.71

E. Footnotes

1. If any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances, then include detailed footnote text to explain the specific circumstances. Certain items require accompanying footnotes and those items are specified in the appropriate section of the instructions for filing the 43-07. Such footnotes are mandatory and must be entered in the Footnote Table.
2. If the reporting carrier does not follow the procedures described in the row and column instructions of the Report Definition, it must explain any deviations from those procedures in an explanatory footnote. Such footnotes must provide detailed explanations of the procedures actually used by the carrier and its specific reasons for deviating from procedures prescribed by the Commission's Rules. This provision should not be interpreted to mean that deviations from the prescribed rules will automatically be approved by the Commission. See Section E of the Reporting Procedures for examples of valid footnotes.
3. Footnote entries must provide detailed explanations for only those items reported in the current submission. Footnotes from prior submissions should be included only if they remain applicable. In other words, when a resubmission nullifies an existing footnote, remove the footnote.
4. Footnotes must be included in the footnote table, not on individual table pages.

F. Errata

1. Carriers are under a legal obligation to correct any erroneous data discovered in FCC Report 43-07. See Section B of the Reporting Procedures for use of submission numbers when an erratum occurs.

2. Submissions containing corrected data must include references to indicate which data items were corrected since the previous submission. If the data items being corrected impact other data items in the report, then those items must also be corrected and referenced. Erratum references should reflect only those items corrected in the new submission. References from prior submissions must not be included in the new submission.
3. These references must be included in the Erratum Table. In addition, carriers must include in the transmittal letter, a brief statement indicating the reason for the errata.

G. Data Validation Programs

1. Each reporting carrier must validate its data by using the most recent edit check program(s), provided by the Commission, for the reporting year. When an error is detected, the carrier must correct the error prior to submitting the report to the Commission. Once the carrier corrects its data so that the edit check program identifies no errors, the carrier should submit the ARMIS report along with a copy of the edit check printout to the Commission verifying that the program did not identify any errors.

H. Page Layouts

1. The page layout for this report is illustrated in the Form Section of the Report Definition.
2. The Paper Report will consist of the following pages:

		<u>Illustrated in Paper Report Specs. on Page</u>
The Cover Page		27
		 <u>Illustrated in Report Definition Form on Page</u>
<u>Table</u>		
Table I	Switching Equipment Table	3-4
Table II	Transmission Facilities Table	5-6
Table III	LEC Call Set-Up Time Table	7
Table IV	Additions and Book Costs Table	8

	<u>Illustrated in Paper Report Specs. on Page</u>
The Footnote Table (at least one page and as many pages as needed)	28
The Erratum Table (for submission number 2 or higher, as many pages as needed)	29
	<u>Illustrated in Report Definition Form on Page</u>
The Certification Page	23



FCC Report 43-07  
xxxxxxxxxx Version  
Submission x  
COSA: XXXX

Approved by OMB  
3060-0395  
Edition Date: 12/2000  
Estimated Avg. Burden Per Response: 555 Hrs

**FEDERAL COMMUNICATIONS COMMISSION  
WASHINGTON, D.C. 20554**

**ARMIS INFRASTRUCTURE REPORT**

**For Year End \_\_\_\_\_**

**Account Filing Level (Class A or Class B):**

**Name of Company:**

**Address of Company:**

FCC Report 43-07, the ARMIS Infrastructure Report, is prescribed for every incumbent local exchange carrier for whom price cap regulation is mandatory. This report collects data designed to capture trends in telephone industry infrastructure development under price cap regulation and improves and standardizes existing reporting requirements for this purpose. The ARMIS Infrastructure Report specifies information requirements in a consistent format and is essential to the FCC to monitor service quality under price cap regulation. Response is mandatory.

Public reporting burden for this collection of information is estimated to average 555 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554.

An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid control number.

FCC REPORT 43-07 Approved by OMB  
 ARMIS INFRASTRUCTURE REPORT

3060-0395  
 Edition Date: 12/2000

COMPANY: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
 STUDY AREA: xxxxxxxxxxxxxxxxxxxxxxxxxxxx  
 PERIOD: From mmm yyyy to mmm yyyy  
 COSA: xxxx

xxxxxxxxxxxxx VERSION  
 SUBMISSION x  
 FOOTNOTE TABLE  
 PAGE 1 OF x

FOOTNOTE TABLE

Table	Row	Col	FN#	Footnote
-----	----	---	----	-----
(a)	(b)	(c)	(d)	(e)
sample entries:				
I	0120.0	A	1	Footnote 1 pertains to col A of Table I row 0120.0
I	0120.0	B	2	Footnote 2 pertains to col B of Table I row 0120.0
III	0510.0	E	3	Footnote text for footnote 3 continuation text for footnote 3 last line of footnote 3
II	ALL	D	4	Footnote 4 pertains to all rows of Table II column D

REMINER: Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s). Such items are listed below and specified in the appropriate section of the instructions for filing this report:

- Record Type Y2 – field 4 (Rows 0410, 0460 and 0484)
- Record Type Z1 – field 5 (Column (e))
- All data fields designated as -77777 (Irretrievable).

Footnote records are needed if any data for the current period differ materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances. Also, if the carrier does not follow the procedures described in the row/column instructions in the Report Definition, footnote records are needed.

Footnote entries must provide detailed explanations for only those items reported in the current submission. Footnotes from prior submissions should be included only if they remain applicable. In other words, when a resubmission nullifies an existing footnote, remove the footnote.

FCC REPORT 43-07  
ARMIS INFRASTRUCTURE REPORT

Approved by OMB  
3060-0395  
Edition Date: 12/2000

COMPANY: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx  
STUDY AREA: xxxxxxxxxxxxxxxxxxxxxxxx  
PERIOD: From mmm yyyy to mmm yyyy  
COSA: xxxx

xxxxxxxxxxxxx VERSION  
SUBMISSION x  
ERRATUM TABLE  
PAGE 1 OF x

ERRATUM TABLE

Table	Row	Column(s)	FN#
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(a)	(b)	(c)	(d)
sample entries:			
I	0120.0	A , B	1

THE ABOVE DATA HAVE BEEN CORRECTED IN THIS SUBMISSION.  
SEE THE FOOTNOTE TABLE FOR FOOTNOTES WHERE APPLICABLE.

REMINDER:

When an erratum occurs, carriers must use higher submission numbers and new data entry date to denote a new submission. If there is a change in either the automated or paper report, the carrier must re-submit both. The automated report and the paper report submission numbers must be the same.

If the data items being corrected impact other data items in the report, then those items must also be corrected and referenced. Erratum references should reflect only those items corrected in the new submission. References from prior submissions must not be included in the new submission.

In addition to including these references in the erratum record(s) of the automated report, carriers must include a brief statement indicating the reason for the errata in the transmittal letter.