A.   Introduction

This document contains the detailed automated data processing (ADP) specifications for the automated report to be filed as FCC Report 43-05, the ARMIS Service Quality Report.

B.   General Format and Media

1.   All data must be submitted on 3.5-inch double-sided IBM-PC compatible diskettes.

2.   All files must be coded in ASCII.

3.   The Commission has determined that no confidential treatment shall be granted for Report 43-05 filings.

4.   The file name for each file has six components:

a.   the four letter COSA code (CO = Company, SA = Study Area, see 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 "SQ".
d.   a decimal point.
e.   the letter "U" to indicate 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 Service Quality Report data file to be submitted by Illinois Bell to cover the calendar year 1998, would be LBIL98SQ.U01:

LBIL   COSA for Illinois Bell
98   Data for calendar year 1998
SQ   Service Quality 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 may be placed on the same diskette, as long as they cover the same period, version, and submission number.

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.   A section ID row number record has been added to Record Type M3 (Table IV.A - Occurrences of Two Minutes or More Duration Downtime).   This record includes a counter to show the total number of rows reported for this table. Enter data in only those rows for which there are data to report.   See the record layout for Record Type M3 for section ID row number.

5.   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.

6.   In any numeric data field designated by N/A, enter -99999. If a filing carrier has a waiver applicable to a certain field, treat the data in that field as "Irretrievable" and enter -77777. 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. These entries must be formatted according to the format rules for the particular data field; e.g., -99999 is entered as -99999.00 in the percentage fields.

7.   The date and time of the downtime reported on Table IV.A, must be enclosed in double quotation marks and left justified, e.g., date entered as "mmddyyyy"; time using the 24 hour clock for carriers local time entered as "hhmm" (12:00 midnight entered as "2400").

8.   All fields must be populated. If a data measure equals the quality zero, enter 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, all percentage amounts must be entered in percent and rounded to two decimal places.

          Example: 23.70561 percent must be entered as 23.71

     2.   All minutes, days and hours must be rounded to the nearest tenth.

          Example: 10 1/2 hours or 10 hours and 30 minutes,
                     must be entered as 10.5

     3.   All number of access lines must be entered in whole numbers.

     4.   All number of orders, circuits, trouble reports, no trouble found, trunk groups, switches, complaints and incidents must be entered in whole numbers.

     5.   All other amounts must be rounded to the nearest thousand.

E.   Footnotes

     1.   If any data for the current period differs materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances not explained in a previous report, then include 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 43-05. 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 D of the Reporting Procedures for examples of valid footnotes.

     3.   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 43-05. Submissions containing corrected data must include references to indicate which data items were corrected since the previous submission. These references must be included in the Erratum Records of the automated report. In addition, the carrier must include in the transmittal letter a brief statement indicating the reason for the errata. See Section B of the Reporting Procedures for use of submission numbers when an erratum occurs.

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 eleven data record types are described below. See pages 6 through 23 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 6 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 7 for record layout.

3.   Record Type I4 - Installation and Repair Intervals Interexchange Access Data Record
Six Type I4 records per file. One record for each of the 6 rows of Installation and Repair Intervals (Interexchange Access) shown on page 3 of the Report Definition. See pages 8 & 9 for record layout.

4.   Record Type S4 - Installation and Repair Intervals Local Service Data Record
18 Type S4 records per file. One record for each of the 18 rows of Installation and Repair Intervals (Local Service) shown on page 4 of the Report Definition. See pages 10 & 11 for record layout.

5.   Record Type U3 - Common Trunk Blockage Data Record
        Eight Type U3 records per file. One record for each of the 8 rows of data on the percentage of calls that fail to be completed due to equipment malfunction or inadequate facilities as shown on page 5 of the Report Definition. See page 12 for record layout.

6.   Record Type D2 - Total Switch Downtime Data Record
        Seven Type D2 records per file. One record for each of the 7 rows of data monitoring the number, size, and urban/rural character of switches experiencing a loss of the ability to process calls as shown on page 6 of the Report Definition. See pages 13 & 14 for record layout.

7.   Record Type M3 - Occurrences of Two Minutes or More Duration Downtime Data Record
        261 or less Type M3 records per file. One record to show the total number of occurrences reported, followed by 0 to 260 Type M3 records for each occurrence as shown on page 7 of the Report Definition. Report only those rows with data to be reported and complete every item in those rows. See pages 15 through 17 for record layout.

8.   Record Type G2 - Service Quality Complaints Data Record
        Six Type G2 records per file. One record for each of the 6 rows of data, on an MSA and NON-MSA basis, concerning federal, state, business, and residential service quality complaints as shown on page 8 of the Report Definition. See page 18 for record layout.

9.   Record Type F3 - Footnote Record
        One or more Type F3 record(s) per file. Contains explanatory footnote text. Footnotes are mandatory for row 110 of the I3 records and for those rows of the M3 records for which code 15 is entered. Also, include an F3 record for each data field designed by -77777 (Irretrievable). See pages 19 & 20 for record layout.

10.   Record Type E5 - Erratum Record
        Zero Type E5 records in the first submission of a year's data. One or more Type E5 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 the submission. See pages 21 & 22 for record layout.

11.   Record Type T1 - Trailer Record
        One Type T1 record per file. The last record of each file. Contains contact person, etc. See page 23 for record layout.

RECORD TYPE H1 - HEADER RECORD

Field	Item	Example	Position	Description
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	"LBIL98SQ.U01"	18-31	The name of the ASCII file. Format: See page 1, paragraph B.4. Include quotation marks.
5	Year	1998	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	19990315	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"	56-60	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
 12345678901234567890123456789012345678901234567890123456789
Sample record:
1001,"LBIL","H1","LBIL98AS.U01",1998,0,19990315,"U",01,"XQ"
```

RECORD TYPE L2 - LABEL RECORD

Field	Item	Example	Position	Description
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 43-05"	18-35	Always contains "FCC REPORT 43-05" capitalized. Format: Include quotation marks.
5	Carrier Class	"A"	37-39	Carrier classification (Class A or B) capitalized. Format: Include quotation marks.
6	Carrier	"Illinois Bell " (spaces until pos. 71)	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 1998 to Dec 1998"	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
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456
```
Sample record:
```
1002,"LBIL","L2","FCC REPORT 43-05","A","Illinois Bell               ","Illinois            ",
```

```
  1         1
  0         1
78901234567890123456789123
```
Continuation of sample record:
```
"Jan 1998 to Dec 1998","XQ"
```

RECORD TYPE I4 - INTEREXCHANGE ACCESS INSTALLATION AND REPAIR INTERVALS
DATA RECORD

Field	Item	Example	Position	Description
1	Record Number	1003	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	"I4"	13-16	Always contains the letter I capitalized and the number 4 with no space between them Format: Include quotation marks.
4	Row Number	0110.0	18-23	Row numbers as identified on the Report Definition. Valid range: 0110.0 to 0121.0 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 (aa) data	1219	25-33	This field contains the data corresponding to column (aa) 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 (ab) data	-99999	35-43	Column (ab) data Format: See Field 5 above.
7	Column (ac) data	1521	45-53	Column (ac) data Format: See Field 5 above.
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.

RECORD TYPE I4 - INTEREXCHANGE ACCESS INSTALLATION AND REPAIR INTERVALS
DATA RECORD (continued)

Note: All fields are separated by commas.
         If any data for the current period differ materially from those for the previous period or the
         corresponding period or the corresponding period of the preceding year and the difference is not
         self-explanatory but was caused by unusual circumstances, the carrier must include footnote text
         to explain the specific circumstances fully.

         Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text
         record(s). Such items as those data fields designated as "Irretrievable" and for Record Type I4 which
         requires a footnote for (field 4) row 0110 to specify whether the carrier is reporting number of orders
         or number of circuits for that row.

```
              1         2         3         4         5
     12345678901234567890123456789012345678901234567890123456789012345678
     Sample record:
     1003,"LBIL","I4",0110.0,    1219,   -99999,    1521,"XQ"
     1004,"LBIL","I4",0112.0,  100.00,-99999.00,   97.60,"XQ"
```

RECORD TYPE S4 - INSTALLATION AND REPAIR INTERVALS LOCAL SERVICE DATA RECORD

Field	Item	Example	Position	Description
1	Record Number	1009	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	"S4"	13-16	Always contains the letter S capitalized and the number 4 with no space between them. Format: Include quotation marks.
4	Row Number	0130.0	18-23	Row numbers as identified on the Report Definition. Valid range: 0130.0 to 0170.0 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 (ad) data	123792	25-33	This field contains the data corresponding to column (ad) 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 (ae) data	8394	35-43	Column (ae) data Format: See Field 5 above.
7	Column (af) data	32186	45-53	Column (af) data Format: See Field 5 above.
8	Column (ag) data	3464	55-63	Column (ag) data Format: See Field 5 above.
9	Column (ah) data	793	65-73	Column (ah) data Format: See Field 5 above.
10	Column (ai) data	4257	75-83	Column (ai) data Format: See Field 5 above.
11	Column (aj) data	36443	85-93	Column (aj) data Format: See Field 5 above.
12	End of Record Code	"XQ"	95-98	Always contains the letters XQ capitalized with no space between them to indicate the end of the record. Format: Include quotation marks.

RECORD TYPE S4 - INSTALLATION AND REPAIR INTERVALS LOCAL SERVICE DATA RECORD (continued)

Note: All fields are separated by commas.

If any data for the current period differ materially from those for the previous period or the
corresponding period or the corresponding period of the preceding year and the difference is not
self-explanatory but was caused by unusual circumstances, the carrier must include footnote text
to explain the specific circumstances fully.

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

```
          1         2         3         4         5         6         7         8         9
 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678
Sample record:
1009,"LBIL","S4",0130.0,    23792,     8394,    32186,     3464,      793,     4257,    36443,"XQ"
1010,"LBIL","S4",0132.0,    99.60,    99.80,    99.70,     0.00,     0.00,     0.00,    99.70,"XQ"
```

RECORD TYPE U3 - COMMON TRUNK BLOCKAGE DATA RECORD

Field	Item	Example	Position	Description
1	Record Number	1027	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	"U3"	13-16	Always contains the letter U capitalized and the number 3 with no space between them. Format: Include quotation marks.
4	Row Number	0180.0	18-23	Row numbers as identified on the Report Definition. Valid range: 0180.0 to 0190.0. 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 (ak) data	787412	25-33	This field contains the data corresponding to column (ak) 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.

Note: All fields are separated by commas.

 If any data for the current period differ materially from those for the previous period or the
 corresponding period or the corresponding period of the preceding year and the difference is not
 self-explanatory but was caused by unusual circumstances, the carrier must include footnote text
 to explain the specific circumstances fully.

 Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s).
 Such items as those data fields designated as "Irretrievable" and for Record Type U3 which requires a
 footnote for (field 4) rows 0185.0, 0186.0 and 0190.0 to specify whether the carrier is using thresholds or
 DBOs other than specified in the instructions for Table III.

```
         1         2         3
1234567890123456789012345678
Sample record:
1027,"LBIL","U3",0180.0,   787412,"XQ"
```

RECORD TYPE D2 - TOTAL SWITCH DOWNTIME DATA RECORD

Field	Item	Example	Position	Description
1	Record Number	1035	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	"D2"	13-16	Always contains the letter D capitalized and the number 2 with no space between them. Format: Include quotation marks.
4	Row Number	0200.0	18-23	Row numbers as identified on the Report Definition. Valid range: 0200.0 to 0214.0. 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 (an) data	337	25-33	This field contains the data corresponding to column (an) 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 (ao) data	81	35-43	Column (ao) Format: See Field 5 above.
7	Column (ap) data	585.5	45-53	Column (ap) data Format: See Field 5 above.
8	Column (aq) data	79	55-63	Column (aq) data Format: See Field 5 above.
9	Column (ar) data	26	65-73	Column (ar) data Format: See Field 5 above.
10	Column (as) data	32.90	75-83	Column (as) 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 D2 - TOTAL SWITCH DOWNTIME DATA RECORD (continued)

Note: All fields are separated by commas.

If any data for the current period differ materially from those for the previous period or the corresponding
period or the corresponding period of the preceding year and the difference is not self-explanatory but was
caused by unusual circumstances, the carrier must include footnote text to explain the specific circumstances
fully.

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

```
         1         2         3         4         5         6         7         8
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678
Sample record:
1035,"LBIL","D2",0200.0,      337,      81,    585.5,       79,       26,    32.90,"XQ"
```

RECORD TYPE M3 - SECTION ID RECORD

Field	Item	Example	Position	Description
1	Record Number	1042	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	"M3"	13-16	Always contains the letter M capitalized and the number 3 with no space between them. Format: Include quotation marks.
4	Section ID Row Number	0215.0	18-23	Section row number to identify sections of a table that requires reporting multiple rows of data for a particular item.
5	Section Item Count	2 -or- 0	25-28	Counter to show the total number of rows reported on Table IV.A. If there are no data applicable to this table, enter 0 (zero). Valid Set of Rows: 0220.0 to 0319.0 and 0341.0 to 0500.0. Format: Right justified and space filled.
6	End of Record Code	"XQ"	30-33	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     . . . . .    Ruler line
1234567890123456789012345678901234    . . . . .    Ruler line
Sample record:
1042,"LBIL","M3",0215.0,   2,"XQ"


        -  OR -


1042,"LBIL","M3",0215.0,   0,"XQ"
```

RECORD TYPE M3 - OCCURRENCES OF TWO MINUTES OR MORE DURATION DOWNTIME
DATA RECORD

Field	Item	Example	Position	Description
1	Record Number	1043	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	"M3"	13-16	Always contains the letter M capitalized and the number 3 with no space between them. Format: Include quotation marks.
4	Row Number	0220.0	18-23	Row numbers as identified on Report Definition. Valid range: 0220.0 to 0319.0 and 0341.0 to 0500.0. Include <u>only</u> those rows for which there are data to report. 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 (t) data	01	25-26	This field contains the data corresponding to column (t) as shown on the Form Section of the Report Definition. Format: ## Do not include quotation marks. If there is an entry in this field, all other fields must be populated.
6	Column (u) data	"ARABALXADSO" (spaces until pos. 40)	28-40	This field contains the data corresponding to column (u) as shown on the Form Section of the Report Definition. Format: Left justified and space filled. Include quotation marks.
7	Column (v) data	2317	42-50	This field contains the data corresponding to column (v) as shown on the Form Section of the Report Definition. Format: Right justified and space filled. Enter -77777 in integer rows and -77777.00 or -77777.0 in percentage rows where data for a field are Irretrievable.
8	Column (w) data	"Y" -OR- "N"	52-54	Column (w) data Always contains the letters Y or N capitalized. Format: Include quotation marks.
9	Column (x) data	5.5	56-64	Column (x) data Format: See Field 7 above.

RECORD TYPE M3 - OCCURRENCES OF TWO MINUTES OR MORE DURATION DOWNTIME
DATA RECORD (continued)

Field	Item	Example	Position	Description
10	Column (y) data	"09241997"	66-75	Column (y) date Format: "mmddyyyy" Include quotation marks.
11	Column (z) data	"2400"	77-82	Column (z) time Use the 24 hour clock for carriers' local time. Format: "hhmm" Include quotation marks.
12	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.

If any data for the current period differ materially from those for the previous period or the corresponding period or the corresponding period of the preceding year and the difference is not self-explanatory but was caused by unusual circumstances, the carrier must include footnote text to explain the specific circumstances fully.

Certain items require accompanying mandatory footnotes and must be entered in the Footnote Text record(s). Such items as those data fields designated as "Irretrievable" and for Record Type M3 which requires footnotes for (field 5) column (t) if a carrier enters a two digit code of 15 or if a code other than the standard eleven-character CLLI code is used in (field 6) column (u).

```
           1         2         3         4         5         6         7         8
  12345678901234567890123456789012345678901234567890123456789012345678901234567
Sample records:
1043,"LBIL","M3",0220.0,09,"ARABALXADSO",    2317,"Y",    5.5,"09241997","2400","XQ"
1044,"LBIL","M3",0221.0,13,"ANTNALMT23E",     100,"N",   89.0,"10211997","1340","XQ"
```

RECORD TYPE G2 - SERVICE QUALITY COMPLAINTS DATA RECORD

Field	Item	Example	Position	Description
1	Record Number	1045	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	"G2"	13-16	Always contains the letter G capitalized and the number 2 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 0332.0. 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 (da) data	782	25-33	This field contains the data corresponding to column (aa) as shown on the Form Section of the Report Definition. All fields must be populated. Format: Right justified and space filled. Enter -77777 in integer rows and -77777.00 or -77777.0 in percentage rows where data for a field are Irretrievable.
6	Column (db) data	551	35-43	Column (bb) data Format: See Field 5 above.
7	Column (dc) data	271	45-53	Column (cc) data Format: See Field 5 above.
8	End of Record Code	"XQ"	55-58	Always contains the letter 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.
       If any data for the current period differ materially from those for the previous period or the
       corresponding period or the corresponding period of the preceding year and the difference is not
       self-explanatory but was caused by unusual circumstances, the carrier must include footnote text
       to explain the specific circumstances fully.

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

```
            1         2         3         4         5
  12345678901234567890123456789012345678901234567890123456 78
Sample record:
1045,"LBIL","G2",0320.0,      782,      511,      271,"XQ"
```

RECORD TYPE F3 - FOOTNOTE TEXT RECORD

Field	Item	Example	Position	Description
1	Record Number (for this record)	1051	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	"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)	1003	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	"I "	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	0110.0	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	"ZZ"	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)

Field	Item	Example	Position	Description
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. 105)	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.

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 I4 - field 4 (row 0110.0)
           Record Type U3 - field 4 (rows 0185.0, 0186.0, 0190.0)
           Record Type M3 - field 5 (column t) and field 6 (column u)
           All data fields designated as "Irretrievable".

```
                                                                    1         1
              1         2         3         4         5         6         7         8         9         0         1
     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890
Sample records:
1051,"LBIL","F3",1003,"I   ",0110.0,"ZZ",  1, 1,"Footnote text for footnote 1                          ","XQ"
1052,"LBIL","F3",1003,"I   ",0110.0,"ZZ",  1, 2,"continuation text for footnote 1                      ","XQ"
1053,"LBIL","F3",1003,"I   ",0110.0,"ZZ",  1, 3,"last line of footnote 1.                              ","XQ"
1054,"LBIL","F3",1038,"IV.A",0230.0,"T ",  2, 1,"Footnote 2 pertains to col. T of Table I row 0230.0  ","XQ"
1055,"LBIL","F3",9999,"V   ",9999.0,"DA",  3, 1,"Footnote 3 pertains to all rows of Table V column DA. ","XQ"
```

RECORD TYPE E5- ERRATUM RECORD

Field	Item	Example	Position	Description
1	Record Number (for this record)	1056	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	"E5"	13-16	Always contains the letter E capitalized and the number 5 with no space between them. Format: Include quotation marks.
4	Record Number (for the corrected data)	1003	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	0110.0	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	"ZZ"	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 thru 26. Format: Include quotation marks. Left justified and space filled.

RECORD TYPE E5 - ERRATUM RECORD (continued)

Field	Item	Example	Position	Description
8	Second Column Label	"AB"	42-45	
9	Third Column Label	"AC"	47-50	Fields 8 thru 26 are similar
.				to Field 7 and are used
.				when the correction is in
.				the same row and more than
.				one column.
26	Twentieth Col. Label	" "	132-135	Otherwise, enter " ".
27	Footnote Number	1	137-139	This field contains the footnote number that explains the correction. If there is no footnote, use a zero. Format: Right justified and space filled.
28	End of Record Code	"XQ"	141-144	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.

When an errata occurs, carriers must use higher submission numbers and a 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.

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.

```
            1         2         3         4         5         6         7         8         9
   1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456
Sample records:
1056,"LBIL","E5",1003,"I   ",1040.0,"AA","AB"," "," "," "," "," "," "," "," "," "," ",
1057,"LBIL","E5",1008,"II  ",1090.0,"ZZ"," "," "," "," "," "," "," "," "," "," "," ",
1058,"LBIL","E5",9999,"I   ",9999.0,"AB"," "," "," "," "," "," "," "," "," "," "," ",
```

```
   1         1         1         1         1
   0         1         2         3         4
   78901234567890123456789012345678901234
Continuation of sample records:
" "," "," "," "," "," "," "," ",  1,"XQ"
" "," "," "," "," "," "," "," ",  2,"XQ"
" "," "," "," "," "," "," "," ",  3,"XQ"
```

RECORD TYPE T1 - TRAILER RECORD

Field	Item	Example	Position	Description
1	Record Number	1059	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. 59)	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
       12345678901234567890123456789012345678901234567890123456789012345678901234567
Sample record:
1059,"LBIL","T1","John Doe                          ","(202) 555-1212 x123 ","XQ"
```

A.   Introduction

This document contains the detailed specifications for the paper report to be filed as FCC Report 43-05, the ARMIS Service Quality Report.

B.   General Instructions

1.   The Commission has determined that no confidential treatment shall be granted for Report 43-05 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.   Tables requiring the entry of multiple rows of data for a particular section of a table must enter data in only those rows for which there are data to report e.g., Table IV.A - Occurrences of Two Minutes or More Duration Downtime. If there are no data to report on the entire table, include the table in the paper report with no data entries.

3.   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). DO NOT override N/As. Filing carriers are NOT permitted to enter additional designators. All other fields must be populated. If there are no data applicable to an open field enter zero.

4.   If a data measure equals the quality zero, enter 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, all percentage amounts must be entered in percent and rounded to two decimal places.

Example: 23.70561 percent must be entered as 23.71

2.   All minutes, days and hours must be rounded to the nearest tenth.

Example: 10 1/2 hours or 10 hours and 30 minutes, must be entered as 10.5

3.   All number of access lines must be entered in whole numbers.

4.   All number of orders, circuits, trouble reports, no trouble found, trunk groups, switches, complaints and incidents must be entered in whole numbers.

5.   All other amounts must be rounded to the nearest thousand.

E. Footnotes

1.   If any data for the current period differs materially from those for the previous period and the difference is not self-explanatory but was caused by unusual circumstances not explained in a previous report, then include 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 43-05. 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 D of the Reporting Procedures for examples of valid footnote text.

3.   Footnotes must be included in the footnote table(s), not on individual table pages.

F. Errata

    1.   Carriers are under a legal obligation to correct any erroneous data discovered in FCC Report 43-05. Submissions containing corrected data must include references to indicate which data items were corrected since the previous submission. These references must be included in the Erratum Table of the paper report. In addition, carriers must include in the transmittal letter a brief statement indicating the reason for the errata.   See Section B of the Reporting Procedures for the use of submission numbers when an erratum occurs.

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, in order, including Table IV.A whether there are data to report on this table or not:

		Illustrated in Paper Report Specs. on Page
The Cover Page		5

		Illustrated in Report Definition
Table		Form on Page
Table I	Installation and Repair Intervals(Interexchange Access)	3
Table II	Installation and Repair Intervals(Local Service)	4
Table III	Common Trunk Blockage	5
Table IV	Total Switch Downtime	6

<div align="right">
Illustrated in
Paper Report
<u>Specs. on Page</u>
</div>

FCC Report 43-05   Approved by OMB
xxxxxxxxxx Version   3060-0395
Submission x   Expires 03/31/2002
COSA: XXXX   Estimated Avg. Burden Per Response: 850 Hrs

FEDERAL COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

ARMIS SERVICE QUALITY REPORT

For Year End _____

Carrier Classification:

Name of Company:

Address of Company:

FCC Report 43-05, the ARMIS Service Quality Report, is prescribed for every local exchange carrier for which price cap regulation is mandatory. The Service Quality Report collects data designed to capture trends in service quality under price cap regulation and improves and standardizes existing reporting requirements for this purpose. The ARMIS Service Quality 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 850 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 any 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 43-05   Approved by OMB
ARMIS SERVICE QUALITY REPORT   3060-0395
                                                    Expires 03/31/2002

COMPANY: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx   xxxxxxxxxxxx VERSION
STUDY AREA: xxxxxxxxxxxxxxxxxxx   SUBMISSION x
PERIOD: From mmm yyyy to mmm yyyy   FOOTNOTE TABLE
COSA: xxxx   PAGE 1 OF x

                          FOOTNOTE TABLE

Table	Row	Col	FN#	Footnote
(a)	(b)	(c)	(d)	(e)

sample entries:

Table	Row	Col	FN#	Footnote
I	0110.0	ALL	1	Footnote text for footnote 1
				continuation text for footnote 1
				last line of footnote 1
IV.A	0220.0	T	2	Footnote 2 pertains to all col. T of Table IV.A row 0220.0
V	ALL	AA	3	Footnote 3 pertains to all rows of Table II column AA

REMINDER: 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 I4 - field 4 (row 0110.0)
                    Record Type U3 - field 4 (rows 0185.0, 0186.0, 0190.0)
                    Record Type M3 - field 5 (column t) and field 6 (column u)
                    All data fields designated as "Irretrievable".

FCC REPORT 43-05   Approved by OMB
ARMIS SERVICE QUALITY REPORT   3060-0395
                                                        Expires 03/31/2002

COMPANY: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx   xxxxxxxxxxxx VERSION
STUDY AREA: xxxxxxxxxxxxxxxxxxx   SUBMISSION x
PERIOD: From mmm yyyy to mmm yyyy   ERRATUM TABLE
COSA: xxxx   PAGE 1 OF x

                          ERRATUM TABLE

Table   Row   Column(s)   FN#
------ -----   ----------------------------------   ---
 (a)   (b)   (c)   (d)

sample entries:
  I   0110.0   AA, AB   1
  II   0130.0   ALL   2
  V   ALL   B   3

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

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 _____