# FCC Form 481 - Carrier Annual Reporting Data Collection Form

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name: Person USAC should contact with questions about this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number: Number of the person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address: Email of the person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

## ANNUAL REPORTING FOR ALL CARRIERS

(check box when complete)

| | | | 54.313 Completion Required | 54.422 Completion Required |
|---|---|---|---|---|
| <100> | Service Quality Improvement Reporting | (complete attached worksheet) | ✔ | |
| <200> | Outage Reporting (voice) | (complete attached worksheet) | ✔ | ✔ |
| <210> | <-- check box if no outages to report | | ✔ | |
| <300> | Unfulfilled Service Requests (voice) | [redacted] | | |
| <310> | Detail on Attempts (voice) | (attach descriptive document) | | |
| <320> | Unfulfilled Service Requests (broadband) | [redacted] | ✔ | |
| <330> | Detail on Attempts (broadband) | 140058vt330.pdf (attach descriptive document) | ✔ | |
| <400> | Number of Complaints per 1,000 customers (voice) | | | |
| <410> | Fixed | [redacted] | ✔ | ✔ |
| <420> | Mobile | [redacted] | | |
| <430> | Number of Complaints per 1,000 customers (broadband) | | ✔ | |
| <440> | Fixed | [redacted] | | |
| <450> | Mobile | [redacted] | | |
| <500> | Service Quality Standards & Consumer Protection Rules Compliance | (check to indicate certification) | ✔ | ✔ |
| <510> | 140058vt510.pdf (attached descriptive document) | | ✔ | ✔ |
| <600> | Functionality in Emergency Situations | (check to indicate certification) | ✔ | ✔ |
| <610> | 140058vt610.pdf (attached descriptive document) | | ✔ | ✔ |
| <700> | Company Price Offerings (voice) | (complete attached worksheet) | ✔ | |
| <710> | Company Price Offerings (broadband) | (complete attached worksheet) | ✔ | |
| <800> | Operating Companies and Affiliates | (complete attached worksheet) | ✔ | ✔ |
| <900> | Tribal Land Offerings (Y/N)? ○ ◉ | (if yes, complete attached worksheet) | ✔ | |
| <1000> | Voice Services Rate Comparability | (check to indicate certification) | ✔ | |
| <1010> | (attach descriptive document) | | | |
| <1100> | Terrestrial Backhaul (Y/N)? ◉ ○ | (if not, check to indicate certification) | ✔ | |
| <1110> | | (complete attached worksheet) | | |
| <1200> | Terms and Condition for Lifeline Customers | (complete attached worksheet) | | ✔ |

**Price Cap Carriers, Proceed to Price Cap Additional Documentation Worksheet**

*Including Rate-of-Return Carriers affiliated with Price Cap Local Exchange Carriers*

| | | | |
|---|---|---|---|
| <2000> | (check to indicate certification) | | |
| <2005> | (complete attached worksheet) | | |

**Rate of Return Carriers, Proceed to ROR Additional Documentation Worksheet**

| | | | |
|---|---|---|---|
| <3000> | (check to indicate certification) | ✔ | |
| <3005> | (complete attached worksheet) | ✔ | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(100) Service Quality Improvement Reporting**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <110> | Has your company received its ETC certification from the FCC? | (yes / no ) ○ ● |
| <111> | If your answer to Line <110> is yes, do you have an existing §54.202(a) "5 year plan" filed with the FCC? | (yes / no ) ○ ○ |

If your answer to Line <111> is yes, then you are required to file a progress report, on line <112> delineating the status of your company's existing § 54.202(a) "5 year plan" on file with the FCC, as it relates to your provision of voice telephony service.

<112> Attach Five-Year Service Quality Improvement Plan or, in subsequent years, your annual progress report filed pursuant to 47 C.F.R. § 54.313(a)(1). If your company is a CETC which only receives frozen support, your progress report is only required to address voice telephony service.

140058vt112.pdf

Name of Attached Document

Please check these boxes below to confirm that the attached documents(s), on line 112, contains a progress report on its five-year service quality improvement plan pursuant to § 54.202(a). The information shall be submitted at the wire center level or census block as appropriate.

| | | |
|---|---|---|
| <113> | Maps detailing progress towards meeting plan targets | ☐ |
| <114> | Report how much universal service (USF) support was received | ☐ |
| <115> | How (USF) was used to improve service quality | ☐ |
| <116> | How (USF)was used to improve service coverage | ☐ |
| <117> | How (USF) was used to improve service capacity | ☐ |
| <118> | Provide an explanation of network improvement targets not met in the prior calendar year. | ☐ |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(200) Service Outage Reporting (Voice)**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

<220>

| <a> NORS Reference Number | <b1> Outage Start Date | <b2> Outage Start Time | <b3> Outage End Date | <b4> Outage End Time | <c1> Number of Customers Affected | <c2> Total Number of Customers | <d> 911 Facilities Affected (Yes / No) | <e> Service Outage Description (Check all that apply) | <f> Did This Outage Affect Multiple Study Areas (Yes / No) | <g> Service Outage Resolution | <h> Preventative Procedures |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | |

-- See attached worksheet --

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(700) Price Offerings including Voice Rate Data**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <701> | Residential Local Service Charge Effective Date | 1/1/2014 |
| <702> | Single State-wide Residential Local Service Charge | |

<703>

| <a1> | <a2> | <a3> | <b1> | <b2> | <b3> | <b4> | <b5> | <c> |
|---|---|---|---|---|---|---|---|---|
| State | Exchange (ILEC) | SAC (CETC) | Rate Type | Residential Local Service Rate | State Subscriber Line Charge | State Universal Service Fee | Mandatory Extended Area Service Charge | Total per line Rates and Fees |
| | | | | | | | | |

-- See attached worksheet

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(710) Broadband Price Offerings**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

<711>

| <a1> | <a2> | <b1> | <b2> | <c> | <d1> | <d2> | <d3> | <d4> |
|---|---|---|---|---|---|---|---|---|
| **State** | **Exchange (ILEC)** | **Residential Rate** | **State Regulated Fees** | **Total Rate and Fees** | **Broadband Service - Download Speed (Mbps)** | **Broadband Service - Upload Speed (Mbps)** | **Usage Allowance (GB)** | **Usage Allowance Action Taken When Limit Reached {*select*}** |
| | | | | | | | | |

-- See attached worksheet --

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> | <a2> | <a3> |
|---|---|---|
| **Affiliates** | **SAC** | **Doing Business As Company or Brand Designation** |

-- See attached worksheet --

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(900) Tribal Lands Reporting Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

<910> Tribal Land(s) on which ETC Serves

<920> Tribal Government Engagement Obligation

Name of Attached Document

If your company serves Tribal lands, please select (Yes,No, NA) for each these boxes to confirm the status described on the attached document(s), on line 920, demonstrates coordination with the Tribal government pursuant to § 54.313(a)(9) includes:

| | | Select (Yes,No, NA) |
|---|---|---|
| <921> | Needs assessment and deployment planning with a focus on Tribal community anchor institutions. | |
| <922> | Feasibility and sustainability planning; | |
| <923> | Marketing services in a culturally sensitive manner; | |
| <924> | Compliance with Rights of way processes | |
| <925> | Compliance with Land Use permitting requirements | |
| <926> | Compliance with Facilities Siting rules | |
| <927> | Compliance with Environmental Review processes | |
| <928> | Compliance with Cultural Preservation review processes | |
| <929> | Compliance with Tribal Business and Licensing requirements. | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(1100) No Terrestrial Backhaul Reporting Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

<1120> Please check this box to confirm no terrestrial backhaul options exist within the supported area pursuant to § 54.313(G) ☐

<1130> Please check this box to confirm the reporting carrier offers broadband service of at least 1 Mbps downstream and 256 kbps upstream within the supported area pursuant to § 54.313(G) ☐

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(1200) Terms and Condition for Lifeline Customers**
**Lifeline**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

<1210> Terms & Conditions of Voice Telephony Lifeline Plans

140058vtl210.pdf

Name of Attached Document

<1220> Link to Public Website

HTTP

"Please check these boxes below to confirm that the attached document(s), on line 1210, or the website listed, on line 1220, contains the required information pursuant to § 54.422(a)(2) annual reporting for ETCs receiving low-income support, carriers must annually report:

<1221> Information describing the terms and conditions of any voice telephony service plans offered to Lifeline subscribers, ☑

<1222> Details on the number of minutes provided as part of the plan, ☑

<1223> Additional charges for toll calls, and rates for each such plan. ☑

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(2000) Price Cap Carrier Additional Documentation**
**Data Collection Form**
*Including Rate-of-Return Carriers affiliated with Price Cap Local Exchange Carriers*

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

**CHECK the boxes below to note compliance as a recipient of Incremental Connect America Phase I support, frozen High Cost support, High Cost support to offset access charge reductions, and Connect America Phase II support as set forth in 47 CFR § 54.313(b),(c),(d),(e) the information reported on this form and in the documents attached below is accurate.**

**Incremental Connect America Phase I reporting**

<2010> 2nd Year Certification {47 CFR § 54.313(b)(1)} ☐

<2011> 3rd Year Certification {47 CFR § 54.313(b)(2)} ☐

**Price Cap Carrier Receiving Frozen Support Certification {47 CFR § 54.312(a)}**

<2012> 2013 Frozen Support Certification ☐

<2013> 2014 Frozen Support Certification ☐

<2014> 2015 Frozen Support Certification ☐

<2015> 2016 and future Frozen Support Certification ☐

**Price Cap Carrier Connect America ICC Support {47 CFR § 54.313(d)}**

<2016> Certification Support Used to Build Broadband ☐

**Connect America Phase II Reporting {47 CFR § 54.313(e)}**

<2017> 3rd year Broadband Service Certification ☐

<2018> 5th year Broadband Service Certification ☐

<2019> Interim Progress Certification ☐

<2020> Please check the box to confirm that the attached document(s), on line 2021, contains the required information pursuant to § 54.313 (e)(3)(ii), as a recipient of CAF Phase II support shall provide the number, names, and addresses of community anchor institutions to which began providing access to broadband service in the preceding calendar year. ☐

<2021> Interim Progress Community Anchor Institutions

Name of Attached Document Listing Required Information

REDACTED - AVAILABLE FOR PUBLIC INSPECTION



**(3000) Rate Of Return Carrier Additional Documentation**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

**CHECK the boxes below to note compliance on its five year service quality plan (pursuant to 47 CFR § 54.202(a)) and, for privately held carriers, ensuring compliance with the financial reporting requirements set forth in 47 CFR § 54.313(f)(2). I further certify that the information reported on this form and in the documents attached below is accurate.**

(3010) **Progress Report on 5 Year Plan**
Milestone Certification {47 CFR § 54.313(f)(1)(i)}

Name of Attached Document Listing Required Information

(3011) Please check this box to confirm that the attached document(s), on line 3012 contains the required information pursuant to § 54.313 (f)(1)(ii), the carrier shall provide the number, names, and addresses of community anchor institutions to which began providing access to broadband service in the preceding calendar year.

(3012) Community Anchor Institutions {47 CFR § 54.313(f)(1)(ii)}

Name of Attached Document Listing Required Information

(3013) Is your company a Privately Held ROR Carrier {47 CFR § 54.313(f)(2)} (Yes/No)

(3014) If yes, does your company file the RUS annual report (Yes/No)

Please check these boxes to confirm that the attached document(s), on line 3017, contains the required information pursuant to § 54.313(f)(2) compliance requires:

(3015) Electronic copy of their annual RUS reports (Operating Report for Telecommunications Borrowers)

(3016) Document(s) for Balance Sheet, Income Statement and Statement of Cash Flows

(3017) If the response is yes on line 3014, attach your company's RUS annual report and all required documentation

Name of Attached Document Listing Required Information

(3018) If the response is no on line 3014, Is your company audited? (Yes/No)

If the response is yes on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § 54.313(f)(2), contains

(3019) Either a copy of their audited financial statement; or (2) a financial report in a format comparable to RUS Operating Report for Telecommunications

(3020) Document(s) for Balance Sheet, Income Statement and Statement of Cash Flows

(3021) Management letter issued by the independent certified public accountant that performed the company's financial audit.

If the response is no on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § 54.313(f)(2), contains:

(3022) Copy of their financial statement which has been subject to review by an independent certified public accountant; or 2) a financial report in a format comparable to RUS Operating Report for Telecommunications Borrowers,

(3023) Underlying information subjected to a review by an independent certified public accountant

(3024) Underlying information subjected to an officer certification.

(3025) Document(s) for Balance Sheet, Income Statement and Statement of Cash Flows

(3026) Attach the worksheet listing required information

Name of Attached Document Listing Required Information

| Certification - Reporting Carrier Data Collection Form | FCC Form 481 OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013 |
|---|---|

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

**TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ANNUAL REPORTING ON ITS OWN BEHALF:**

**Certification of Officer as to the Accuracy of the Data Reported for the Annual Reporting for CAF or LI Recipients**

**I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the annual reporting requirements for universal service support recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.**

Name of Reporting Carrier: LUDLOW TEL CO

Signature of Authorized Officer: CERTIFIED ONLINE Date 06/04/2014

Printed name of Authorized Officer: Kevin Hess

Title or position of Authorized Officer: Executive Vice President

Telephone number of Authorized Officer: 6086644160 ext.

Study Area Code of Reporting Carrier: 140058 Filing Due Date for this form: 06/30/2014

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

| Certification - Agent / Carrier Data Collection Form | FCC Form 481 OMB Control No. 3060-0986/OMB Control No. 3060-0819 July 2013 |
|---|---|

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

**TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ANNUAL REPORTS ON THE CARRIER'S BEHALF:**

**Certification of Officer to Authorize an Agent to File Annual Reports for CAF or LI Recipients on Behalf of Reporting Carrier**

**I certify that (Name of Agent)_____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the annual data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.**

Name of Authorized Agent:

Name of Reporting Carrier:

Signature of Authorized Officer: Date:

Printed name of Authorized Officer:

Title or position of Authorized Officer:

Telephone number of Authorized Officer:

Study Area Code of Reporting Carrier: Filing Due Date for this form:

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

**TO BE COMPLETED BY THE AUTHORIZED AGENT:**

**Certification of Agent Authorized to File Annual Reports for CAF or LI Recipients on Behalf of Reporting Carrier**

**I, as agent for the reporting carrier, certify that I am authorized to submit the annual reports for universal service support recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.**

Name of Reporting Carrier:

Name of Authorized Agent or Employee of Agent:

Signature of Authorized Agent or Employee of Agent: Date:

Printed name of Authorized Agent or Employee of Agent:

Title or position of Authorized Agent or Employee of Agent

Telephone number of Authorized Agent or Employee of Agent:

Study Area Code of Reporting Carrier: Filing Due Date for this form:

Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.

Attachments

**Ludlow Telephone Company, dba TDS Telecom**

**State: VERMONT**

**Study Area: 140058**

**54.313(a)(1) Five Year Service Quality Improvement Plan pursuant to § 54.202(a)**

---

As an Incumbent Local Exchange Carrier (ILEC) and Eligible Telecommunications Carrier (ETC), Ludlow has been providing ubiquitous, high-quality voice telecommunications services in its study area for many years. To accomplish and maintain this service level, Ludlow has made significant historical investment to deploy, operate, and maintain an integrated, highly-reliable network. In addition to its own capital spending, Ludlow draws from the federal Universal Service Fund (USF). Universal service support has been (and continues to be) critical in enabling Ludlow's services in its rural markets to be reasonably comparable in quality and price to services in more urban markets, as Congress mandated in the Telecommunications Act. Ludlow draws USF support because the cost of providing voice and data services in its rural study area are substantially higher than those in urban areas, and thus all of the costs cannot be recovered solely from Ludlow's customers while maintaining reasonably comparable prices. Ludlow has made investments to bring high speed data services to its customers when the level of customer revenues and universal service support has made it financially viable to do so.

For Ludlow, federal high cost support is used to help offset ongoing network costs, but the monies received cover only a portion of the cost of updating and operating the network. In 2013, Ludlow received $551,976 in USF support while incurring [redacted] in operating expenses and investing [redacted] in new plant. As evidenced by these support and expenditure numbers provided for the current reporting year, the universal service support that Ludlow receives covers only a fraction of its cost to provide service. Continued receipt of USF support is vital to helping Ludlow maintain reasonably comparable rates for local exchange service; and to incrementally upgrade its telecommunications facilities and equipment to help meet evolving service requirements and maintain high quality service.

Because USF funding support is modest compared to Ludlow's ongoing network operating expense, the spending of USF support money is primarily focused on repair, maintenance and incremental upgrades to maintain existing service levels rather than further expansion of broadband services deeper into the network. Given the current level of customer revenues, the level of universal support, and the technology available today, the additional costs associated with expanding broadband services to



[redacted]

unserved portions of the study area, or increasing speeds to already served portions of the study area, far exceed Ludlow's financial ability to make such investments.

The telecommunications industry continues to change rapidly and significantly as a result of the unprecedented pace of technological advances, increasing customer needs and regulatory reforms. The level of uncertainty brought about by these factors make long-range network planning a difficult task. By necessity, significant capital investment in network upgrades is cyclical. Capital expenditures in one year are typically followed by a number of years of maintenance of the network to allow time for recovery and return on the investment before the next upgrade is undertaken.

Rapid and significant changes in technology are expected to continue to occur in the telecommunications industry over the next five years. Ludlow believes that its existing network architecture will enable it to incorporate many of these technological changes efficiently, but expects that such changes will also shorten product lifecycles and drive an increase in the rate of obsolescence experienced with existing network equipment. However, having the capability to evolve and being able to afford the cost to evolve, are both necessary to support the capital expenditure.

In an attempt to deliver products similar to those available in more urban areas, telecom companies, like Ludlow, are under growing pressure to provide access to services and applications that are driving enormous growth in customer demand for bandwidth. Absent predictable and sufficient universal service support for broadband services, Ludlow will be unable to meet this growing demand.

In addition, Ludlow also faces significant regulatory uncertainty at this time brought about by the FCC Transformation Order. This Order has made it difficult to forecast and develop long-range, detailed network plans. The FCC Transformation Order adopted a number of comprehensive reforms to the universal service and intercarrier compensation mechanisms and established a new broadband-focused support mechanism, the Connect America Fund (CAF). Significant tasks related to the first phase of



[redacted]

implementing these reforms are currently underway, including revisions to broadband mapping data, phase-down of intercarrier compensation, and refinement of the regression analysis model for implementing expense caps and determining future support levels. Due to the complexity of the reform changes currently being implemented, but incomplete at the time of this reporting, it remains unclear what level of support the CAF will provide Ludlow in future years compared to what it currently receives.

Not only are there a number of uncertainties regarding the future level of universal support funding related to the reforms commenced in the FCC Transformation Order, the Order was accompanied by a Further Notice of Proposed Rulemaking seeking comment on a range of additional proposals relevant to rate of return carriers, such as Ludlow. For example, the FCC is considering (1) represcribing the authorized interstate rate-of-return, possibly to a level lower than the current 11.25%; (2) developing a broadband CAF mechanism for rate-of-return carriers; (3) eliminating high cost support in areas where there is an unsubsidized competitor offering service to less than 100% of customers; (4) limiting the recovery of Interstate Common Line Support (ICLS); and (5) lowering originating switched access rates similar to terminating rates. Having these additional unknown impacts on the planning horizon (most, if not all of which could have a negative impact on Ludlow's level of support) make it impossible to predict to what extent Ludlow can rely on universal service support at historic levels for continued aid in supporting its network. Any future rulemaking that results from these proposals could have significant impacts on the future network plans of Ludlow.

Given all of the uncertainty surrounding the industry, and the need for Ludlow to allocate scarce resources, invest prudently, and operate efficiently, long range predictive forecasting at any level of granularity is difficult and subject to revision as new information becomes known. Also, the speculative nature of planning in this type of environment hinders Ludlow's ability to effectively develop long-term network build out plans based on projected future USF support.



[redacted]

**Ludlow Telephone Company, dba TDS Telecom**

**State: VERMONT**

**Study Area: 140058**

**54.313(a)(1) Five Year Service Quality Improvement Plan pursuant to § 54.202(a)**

The attached schedule summarizes Ludlow's actual expenses and capital outlay for 2013 and projected expenditures for 2015 – 2019. The projected 5-year period is based upon historical spending data, which, given the many unknown factors, may have limited value in predicting future network needs and may vary widely from actual spending incurred in the forecasted years, and thus should be treated with that in mind.

The content, timing, and specific geographic locations of projects that will be undertaken in the next five years, is unknown at this time. The selection of future projects will be based on the evaluation of many factors, including current consumer demand, limited capital resources and estimated amounts of universal service support. These and other external factors are not within Ludlow's control and are subject to change. Such changes may affect the assumptions and calculations regarding the optimal improvements to network facilities required to provide high-quality advanced services to Ludlow's customers.

With full recognition of the difficulty in predicting exact locations, specific projects or levels of expenditures, Ludlow commits to utilize available universal service support to help maintain and improve network quality, and if feasible, deploy advanced technologies and new services, expand coverage and improve broadband speeds for its customers.



[redacted]

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

Schedule A

# Ludlow Telephone Company (SAC 140058)

## Line 100 - Service Quality Improvement Reporting

Rule 54.202(a)(1) and 54.313(a)(1)

**USF Received in 2013**

| | | |
|---|---|---|
| High Cost Loop Support | $ | - |
| ICLS Support | $ | 365,814 |
| Safety Net Additive | $ | - |
| Safety Value Additive | | |
| CAF | $ | 186,162 |
| TOTAL | $ | 551,976 |

## Five-Year Plan

| | 2015 | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|---|
| **Operating Expenses** | [redacted] | | | | |
| **Capital Expenditures** | | | | | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(200) Service Outage Reporting (Voice)**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

<220>

| <a> | <b1> | <b2> | <b3> | <b4> | <c1> | <c2> | <d> | <e> | <f> | <g> | <h> |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NORS Reference Number | Outage Start Date | Outage Start Time | Outage End Date | Outage End Time | Number of Customers Affected | Total Number of Customers | 911 Facilities Affected (Yes / No) | Service Outage Description (Check all that apply) | Did This Outage Affect Multiple Study Areas (Yes / No) | Service Outage Resolution | Preventative Procedures |
| [redacted] | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

## Line 330 – Detail on Attempts (broadband)

### Rule 54.313(a)(3)

Ludlow Telephone Company has implemented service availability tracking tools and employee training capabilities to respond to direct customer requests for broadband services.

Upon receipt of a new broadband service request, Ludlow Telephone Company's service advisors follow these steps for provisioning the service:

1) The Ludlow Telephone Company service advisor uses a customized service addressability software tool to determine if broadband service is available to the requested service address. If it is determined that service is offered to the address, an installation order will be initiated and scheduled immediately.
2) If the information in the service addressability tool indicates that extension of broadband service to the service address might be possible, a field service technician is dispatched to the customer premise to perform additional diagnostic testing. Such testing will determine whether there are any reasonable adjustments to the network or customer facilities which can be made to enable the provision of service. If tests confirm that broadband service can be offered at the service address, an order is initiated and service is provisioned.
3) In situations where Ludlow Telephone Company's terrestrial broadband service is not available to a requesting customer, Ludlow Telephone Company has partnered with Dish Network to offer dishNET satellite broadband service to customers. Ludlow Telephone Company's service advisors are trained to discuss and assist the customer in ordering dishNET broadband service.

As the Commission acknowledged[1], some of the service areas served by rate of return Carriers like Ludlow Telephone Company, have characteristics that make it highly cost prohibitive to extend broadband service using terrestrial wireline technology. Except as may be noted in Ludlow Telephone Company's 5-year plan attached to this filing, any further build-out of terrestrial broadband service to additional locations within its study area will be dependent upon the cost of the technology to be deployed and the capital infrastructure funding level available.

---

[1] See *In the Matter of Connect America Fund*, WC Docket No. 10-90, Order DA 13-332, released March 3, 2013 at paras 10-11.

## Line 510 – Description of Compliance with Service Quality Standards and Consumer Protection

### Rule 54.313(a)(5)

TDS Telecommunications Corporation's ILEC companies follow applicable federal and state service quality and consumer protection rules. They comply with quality of service requirements including monitoring and reporting service quality metrics where required. TDS Telecom has implemented numerous consumer protection measures to protect customer information. For example, TDS implemented Customer Proprietary Network Information (CPNI) policies and procedures that are consistent with the FCC's regulations. Employees are required to complete CPNI training and in addition, employees who have access to CPNI data receive additional guidance through written procedures regarding customer authentication. Annually, all employees are required to review TDS' Business Code of Conduct which includes information and requirements on protecting sensitive customer information from improper use and disclosure. TDS data privacy and security policies are reinforced through periodic training required of all employees. Additional consumer protection measures include TDS' use of a third-party verifier to prevent unauthorized presubscribed interexchange carrier (PIC) changes ("Slamming") and the elimination of billing and collection arrangements that could have potentially allowed unauthorized third-party charges to be added to customer's bills ("Cramming").

## Line 610 – Description of Functionality in Emergency Situations

**Rule 54.313(a)(6)**

Company is able to remain functional in an emergency situation through the use of back-up power to ensure functionality without an external power source. The Company's standard for battery backup is 8 hours in offices with no generator and 4 hours in offices with a generator. This is ensured during semi-annual routine maintenance which includes battery inspection, cleaning, documentation of float voltage and cell temperature, as well as equalization or replacement if necessary. In addition, permanent generators are present at significant wire centers to maintain power in the event a commercial power failure extends beyond battery backup capabilities. Also, portable generators are available for deployment to remote wire centers without permanent generators. The Company's network is engineered to provide maximum capacity in order to handle excess traffic in the event of traffic spikes resulting from emergency situations. Company facilities are remotely monitored and managed by a centralized Network Operations Center which is staffed 24 x 7, 365 days a year. Technicians are able to remotely access and respond to alarm conditions. By design, transport redundancy is built into the telephony and data network on many levels and in the event of a hardware or circuit failure or traffic spike, the networks are able to self-correct in many cases or, at many locations, technicians are able to manually switch network elements to standby facilities both locally and remotely.

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(700) Price Offerings including Voice Rate Data**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <701> | Residential Local Service Charge Effective Date | 1/1/2014 |
| <702> | Single State-wide Residential Local Service Charge | |

<703>

| <a1> | <a2> | <a3> | <b1> | <b2> | <b3> | <b4> | <b5> | <c> |
|---|---|---|---|---|---|---|---|---|
| State | Exchange (ILEC) | SAC (CETC) | Rate Type | Residential Local Service Rate | State Subscriber Line Charge | State Universal Service Fee | Mandatory Extended Area Service Charge | Total per line Rates and Fees |
| VT | Ludlow | | FR | 18.0 | 0.0 | 0.46 | 0.0 | 18.46 |
| VT | Proctorsville | | FR | 18.0 | 0.0 | 0.46 | 0.0 | 18.46 |
| VT | Ludlow | | MS | 13.27 | 0.0 | 0.46 | 0.0 | 13.73 |
| VT | Proctorsville | | MS | 13.27 | 0.0 | 0.46 | 0.0 | 13.73 |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(710) Broadband Price Offerings**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

<711>

| <a1> State | <a2> Exchange (ILEC) | <b1> Residential Rate | <b2> State Regulated Fees | <c> Total Rates and Fees | <d1> Broadband Service - Download Speed (Mbps) | <d2> Broadband Service -Upload Speed (Mbps) | <d3> Usage Allowance (GB) | <d4> Usage Allowance Action Taken When Limit Reached {select} |
|---|---|---|---|---|---|---|---|---|
| VT | ALL - Market Rate A | 46.95 | 0.0 | 46.95 | 15.0 | 2.0 | 250.0 | Other, Require upgrade to higher service offering. |
| VT | ALL - Market Rate A | 56.95 | 0.0 | 56.95 | 25.0 | 5.0 | 250.0 | Other, Require upgrade to higher service offering. |
| VT | ALL - Market Rate A | 56.95 | 0.0 | 56.95 | 25.0 | 10.0 | 250.0 | Other, Require upgrade to higher service offering. |
| VT | ALL - Market Rate A | 56.95 | 0.0 | 56.95 | 50.0 | 20.0 | 250.0 | Other, Require upgrade to higher service offering. |
| VT | ALL - Market Rate B | 52.2 | 0.0 | 52.2 | 15.0 | 2.0 | 250.0 | Other, Require upgrade to higher service offering. |
| VT | ALL - Market Rate B | 62.2 | 0.0 | 62.2 | 25.0 | 5.0 | 250.0 | Other, Require upgrade to higher service offering. |
| VT | ALL - Market Rate B | 62.2 | 0.0 | 62.2 | 25.0 | 10.0 | 250.0 | Other, Require upgrade to higher service offering. |
| VT | ALL - Market Rate B | 62.2 | 0.0 | 62.2 | 50.0 | 20.0 | 250.0 | Other, Require upgrade to higher service offering. |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| Telephone and Data Systems, Inc. | | TDS |
| TDS Telecommunications Corporation | | TDS Telecom |
| Amelia Telephone Corporation | 190217 | TDS Telecom |
| Arcadia Telephone Company | 300585 | TDS Telecom |
| Arizona Telephone Company | 452171 | TDS Telecom |
| Arvig Telephone Company | 361350 | TDS Telecom |
| Northwest Minnesota Special Access LLC | | TDS Telecom |
| Asotin Telephone Company, OR | 532404 | TDS Telecom |
| Asotin Telephone Company, WA | 522404 | TDS Telecom |
| Badger Telecom, LLC | 330844 | TDS Telecom |
| Barnardsville Telephone Company | 230469 | TDS Telecom |
| Black Earth Telephone Company, LLC | 330849 | TDS Telecom |
| Blue Ridge Telephone Company | 220346 | TDS Telecom |
| Bonduel Telephone Company, LLC | 330851 | TDS Telecom |
| Bridge Water Telephone Company | 361362 | TDS Telecom |
| Burlington, Brighton & Wheatland Telephone Company, LLC | 330856 | TDS Telecom |
| Butler Telephone Company | 250284 | TDS Telecom |
| Calhoun City Telephone Company, Inc. | 280448 | TDS Telecom |
| Camden Telephone Company, Inc. | 320744 | TDS Telecom |
| Camden Telephone & Telegraph Company, Inc. | 220351 | TDS Telecom |
| Central State Telephone Company, LLC | 330859 | TDS Telecom |
| Chatham Telephone Company | 310685 | TDS Telecom |
| Cleveland County Telephone Company, Inc. | 401698 | TDS Telecom |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| Cobbosseecontee Telephone Company | 100005 | TDS Telecom |
| Communications Corporation of Indiana | 320776 | TDS Telecom |
| Communication Corporation of Michigan | 310672 | TDS Telecom |
| Communications Corporation of Southern Indiana | 320809 | TDS Telecom |
| Concord Telephone Exchange, Inc. | 290559 | TDS Telecom |
| Continental Telephone Company | 300607 | TDS Telecom |
| Contoocook Valley Telephone Company | 123321 | TDS Telecom |
| Decatur Telephone Company | 401699 | TDS Telecom |
| Delta County Tele-Comm, Inc. | 462184 | TDS Telecom |
| Deposit Telephone Company, Inc. | 150089 | TDS Telecom |
| Dickeyville Telephone, LLC | 330875 | TDS Telecom |
| Eastcoast Telecom of Wisconsin, LLC | 330914 | TDS Telecom |
| Edwards Telephone Company, Inc. | 150092 | TDS Telecom |
| The Farmers Telephone Company, LLC | 330880 | TDS Telecom |
| Grantland Telecom, LLC | 330930 | TDS Telecom |
| Hampden Telephone Company | 100010 | TDS Telecom |
| Happy Valley Telephone Company | 542321 | TDS Telecom |
| Hartland & St Albans Telephone Company | 100011 | TDS Telecom |
| Hollis Telephone Company, Inc. | 123321 | TDS Telecom |
| The Home Telephone Company of Pittsboro, Inc. | 320777 | TDS Telecom |
| Home Telephone Company (OR) | 532377 | TDS Telecom |
| Home Telephone Company, Inc. (IN) | 320778 | TDS Telecom |
| Hornitos Telephone Company | 542322 | TDS Telecom |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| Humphreys County Telephone Company | 290566 | TDS Telecom |
| Island Telephone Company (MI) | 310677 | TDS Telecom |
| The Island Telephone Company, Inc. (ME) | 100007 | TDS Telecom |
| Kearsarge Telephone Company | 120045 | TDS Telecom |
| Mid-State Telephone Company, KMP | 361413 | TDS Telecom |
| Leslie County Telephone Company | 260411 | TDS Telecom |
| Lewisport Telephone Company | 260412 | TDS Telecom |
| Lewis River Telephone Company, Inc. | 522427 | TDS Telecom |
| Little Miami communications Corporation | 300613 | TDS Telecom |
| Ludlow Telephone Company | 140058 | TDS Telecom |
| Mahanoy & Mahantango Telephone Company | 170183 | TDS Telecom |
| M.C.T. Communications, Inc. | 123321 | TDS Telecom |
| McClellanville Telephone Company, Inc. | 240533 | TDS Telecom |
| McDaniel Telephone Company | 522430 | TDS Telecom |
| The Merchants and Farmers Telephone Company | 320788 | TDS Telecom |
| Merrimack County Telephone Company | 120047 | TDS Telecom |
| Mid-Plains Telephone, LLC | 330881 | TDS Telecom |
| Mid-State Telephone Company | 361433 | TDS Telecom |
| Midway Telephone Company, LLC | 330909 | TDS Telecom |
| Mosinee Telephone Company, LLC | 330915 | TDS Telecom |
| Mt. Vernon Telephone Company, LLC | 330917 | TDS Telecom |
| Myrtle Telephone Company, Inc. | 287449 | TDS Telecom |
| Nelson-Ball Ground Telephone Company | 220375 | TDS Telecom |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| New Castle Telephone Company | 193029 | TDS Telecom |
| New London Telephone Company | 421928 | TDS Telecom |
| New York Access Billing LLC | | TDS Telecom |
| Northfield Telephone Company | 140061 | TDS Telecom |
| Norway Telephone Company, Inc. | 240535 | TDS Telecom |
| Oakman Telephone Company, Inc. | 250311 | TDS Telecom |
| Oakwood Telephone Company | 300645 | TDS Telecom |
| Oklahoma Communications Systems, Inc. | 431984 | TDS Telecom |
| Mid-America Telephone, Inc. | 432010 | TDS Telecom |
| Orchard Farm Telephone Company | 421934 | TDS Telecom |
| Oriskany Falls Telephone Corporation | 150114 | TDS Telecom |
| Peoples Telephone Company, Inc. | 250314 | TDS Telecom |
| Perkinsville Telephone Company, Inc. | 140062 | TDS Telecom |
| Port Byron Telephone Company | 150118 | TDS Telecom |
| Potlatch Telephone Company | 472230 | TDS Telecom |
| Quincy Telephone Company, FL | 210338 | TDS Telecom |
| Quincy Telephone Company, GA | 220338 | TDS Telecom |
| Riverside Telecom, LLC | 330943 | TDS Telecom |
| S&W Telephone Company, Inc. | 320816 | TDS Telecom |
| Salem Telephone Company | 260417 | TDS Telecom |
| Saluda Mountain Telephone Company | 230498 | TDS Telecom |
| Scandinavia Telephone Company, LLC | 330945 | TDS Telecom |
| Service Telephone Company | 230500 | TDS Telecom |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| Shiawassee Telephone Company | 310726 | TDS Telecom |
| Somerset Telephone Company | 100024 | TDS Telecom |
| Southeast Mississippi Telephone Company, Inc. | 283301 | TDS Telecom |
| Southeast Telephone Co. of Wisconsin, LLC | 330952 | TDS Telecom |
| Milwaukee SMSA Tower Holding LLC | | TDS Telecom |
| Milwaukee SMSA LP | | TDS Telecom |
| Southwestern Telephone Company | 452174 | TDS Telecom |
| The State Long Distance Telephone Company, LLC | 330955 | TDS Telecom |
| Stockbridge & Sherwood Telephone Company, LLC | 330954 | TDS Telecom |
| Strasburg Telephone Company | 462207 | TDS Telecom |
| St. Stephen Telephone Company | 240544 | TDS Telecom |
| The Stoutland Telephone Company | 421951 | TDS Telecom |
| Sugar Valley Telephone Company | 170206 | TDS Telecom |
| TDS Communication Solutions, Inc. | | TDS Telecom |
| TDS Long Distance Corporation | | TDS Telecom |
| TDS METROCOM, LLC | | TDS Telecom |
| TDS Telecom Service Corporation | | TDS Telecom |
| Tellico Telephone Company, Inc. | 290578 | TDS Telecom |
| Tennessee Telephone Company | 290575 | TDS Telecom |
| Tenney Telephone Company, LLC | 330958 | TDS Telecom |
| The Vanlue Telephone Company | 300662 | TDS Telecom |
| Tipton Telephone Company, Inc. | 320829 | TDS Telecom |
| Township Telephone Company, Inc. | 150129 | TDS Telecom |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| Tri-County Telephone Company, Inc. | 320830 | TDS Telecom |
| Tri-County Communications Corporation | | TDS Telecom |
| Union Telephone Company | 120049 | TDS Telecom |
| U.S. Link, Inc. | | TDS Telecom |
| UTELCO, LLC | 330963 | TDS Telecom |
| Vernon Telephone Company, Inc. | 150133 | TDS Telecom |
| Virginia Telephone Company | 190253 | TDS Telecom |
| Warren Telephone Company | 100031 | TDS Telecom |
| Waunakee Telephone Company, LLC | 330968 | TDS Telecom |
| The West Penobscot Telephone & Telegraph Company | 100034 | TDS Telecom |
| West Point Telephone Company, Incorporated | 320837 | TDS Telecom |
| Williston Telephone Company | 240551 | TDS Telecom |
| Wilton Telephone Company, Inc. | 120050 | TDS Telecom |
| Winsted Telephone Company | 361507 | TDS Telecom |
| Winterhaven Telephone Company | 542323 | TDS Telecom |
| Wolverine Telephone Company | 310738 | TDS Telecom |
| Wyandotte Telephone Company | 432034 | TDS Telecom |
| United States Cellular Corporation | | |
| Barat Wireless, Inc. | | |
| Carroll PCS, Inc. | | |
| CellVest Inc. | | |
| Eastern North Carolina Cellular Joint Venture | | |
| USCOC of Wilmington, LLC | | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

| <813> | <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|---|
| | Wilmington Cellular Partnership | | |
| | Wilmington Cellular Telephone Company | 239006 | United States Cellular Corporation |
| | USCOC of Jacksonville, LLC | | |
| | Jacksonville Cellular Partnership | | |
| | Jacksonville Cellular Telephone Company | 239006 | United States Cellular Corporation |
| | Hardy Cellular Telephone Company | 209005 | U.S. Cellular (Hardy Cellular Telephone Co.) |
| | Humphreys County Cellular, Inc. | | |
| | Iowa RSA #3, Inc. | | |
| | Iowa RSA #12, Inc. | | |
| | Farmers Cellular Telephone Company, Inc. | 359016 | United States Cellular |
| | Farmers Mutual Cellular Telephone Company, Inc. | | |
| | Iowa RSA No. 12 Limited Partnership | 359016 | United States Cellular |
| | Jefferson Cellular Telephone Company, Inc. | | |
| | McDaniel Cellular Telephone Company | 529001 | United States Cellular Corporation |
| | USCC Distribution Co., LLC | | |
| | USCC Financial L.L.C. | | |
| | USCC Services, LLC | | |
| | USCC Purchase, LLC | | |
| | USCC Real Estate Corporation | | |
| | USCC Wireless Investment, Inc. | | |
| | Aquinas Wireless, L.P. | | |
| | Barat Wireless, LP | | |
| | Carroll Wireless, LP | | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| King St Wireless, LP | | |
| USCOC of Rochester, Inc. | | |
| USCOC of Oregon RSA #5, Inc. | 539002 | United States Cellular Corporation |
| USCOC of Washington-4, Inc. | 529001 | United States Cellular Corporation |
| Vermont RSA No. 2-B2, Inc. | | |
| United States Cellular Investment Company, LLC | | |
| Central Cellular Telephones LTD | | |
| Madison SMSA Tower Holding LLC | | |
| Iowa RSA #9, Inc. | | |
| Iowa RSA No.9 Limited Partnership | 359016 | United States Cellular |
| Minnesota Invoo of RSA #7, Inc. | | |
| Redding MSA Limited Partnership | | |
| Texas Invco of RSA #6, Inc. | | |
| Community Cellular Telephone Company | | |
| Texas TSA 6 Tower Holdings, LP | | |
| Texas RSA 6 Limited Partnership | | |
| USCCI Corporation | | |
| USCIC of Fresno | | |
| Fresno MSA Limited Partnership | | |
| United States Cellular Investment Corporation of Los Angeles | | |
| Los Angeles SMSA Limited Partnership | | |
| USCIC of North Carolina RSA #1, Inc. | | |
| North Carolina RSA 1 Partnership | | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

| <813> | <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|---|
| | United States Cellular Investment Company of Oklahoma City, Inc. | | |
| | Oklahoma City SMSA Tower Holding LLC | | |
| | Oklahoma City SMSA Limited Partnership | | |
| | Venus Cellular Telephone Company, Inc. | | |
| | Pennsylvania RSA 1 Limited Partnership | | |
| | Pennsylvania RSA No. 6 (I) Limited Partnership | | |
| | Pennsylvania RSA No. 6 (II)Limited Partnership | | |
| | United States Cellular Operating Company, LLC | 339007 | United States Cellular Corporation |
| | California Rural Service Area #1, Inc. | | |
| | Champlain Cellular, Inc. | | |
| | Crown Point Cellular, Inc. | | |
| | Indiana RSA #5, Inc. | | |
| | Indiana RSA No. 4 Limited Partnership | | |
| | Indiana RSA No. 5 Limited Partnership | | |
| | Kenosha Cellular Telephone, L.P. | 339007 | United States Cellular Corporation |
| | Madison Cellular Telephone Company | 339007 | United States Cellular Corporation |
| | Maine RSA #1, Inc. | 109002 | United States Cellular Corporation |
| | Maine RSA #4, Inc. | 109002 | United States Cellular Corporation |
| | NH #1 Rural Cellular, Inc. | 129002 | United States Cellular Corporation |
| | Oregon RSA #2, Inc. (OR) | 539002 | United States Cellular Corporation |
| | Oregon RSA #2, Inc. (WA) | 529001 | United States Cellular Corporation |
| | PCS Wisconsin, LLC | 339007 | United States Cellular Corporation |
| | Racine Cellular Telephone Company | 339007 | United States Cellular Corporation |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| Township Cellular Telephone, Inc. | | |
| St. Lawrence Seaway RSA Cellular Partnership | | |
| United States Cellular Operating Company Of Bangor | | |
| Bangor Cellular Telephone, L.P. | 109002 | United States Cellular Corporation |
| United States Cellular Operating Company of Cedar Rapids | | |
| Cedar Rapids Cellular Telephone, L.P. | 359016 | United States Cellular |
| United States Cellular Operating Company of Chicago, LLC | 349007 | United States Cellular Corporation |
| USCOC of Chicago Real Estate Holdings, LLC | | |
| United States Cellular Operating Company of Dubuque | | |
| Dubuque Cellular Telephone, L.P. | 359016 | United States Cellular |
| United States Cellular Operating Company of Knoxville | 299010 | Unites States Cellular Telephone Co. (Greater Knoxville) LP |
| Tennessee RSA No. 3 Limited Partnership | 299010 | Unites States Cellular Telephone Co. (Greater Knoxville) LP |
| United States Cellular Telephone Company (Greater Knoxville), LP. | 299010 | Unites States Cellular Telephone Co. (Greater Knoxville) LP |
| Texahoma Cellular Limited Partnership | | |
| Newport Cellular, Inc. | | |
| United States Cellular Operating Company of Medford | 539002 | United States Cellular Corporation |
| United States Cellular Operating Company of Yakima | | |
| Yakima MSA Limited Partnership | 529001 | United States Cellular Corporation |
| USCOC of Central Illinois, LLC | 349007 | United States Cellular Corporation |
| USCOC of Greater Iowa, LLC (IA) | 359016 | United States Cellular |
| USCOC of Greater Iowa, LLC (IL) | 349007 | United States Cellular Corporation |
| USCOC of Greater Iowa, LLC (NE) | 379019 | USCOC of Nebraska/Kansas LLC DBA U.S. Cellular? |
| USCOC of Greater Iowa, LLC (DE) | | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| USCOC of Greater Missouri, LLC (IL) | 349007 | United States Cellular Corporation |
| USCOC of Greater Missouri, LLC (MO) | 429007 | United States Cellular Corporation |
| USCOC of Greater North Carolina, LLC | 239006 | United States Cellular Corporation |
| USCOC of Cumberland, LLC | | |
| MSN Communications, Inc. | | |
| USCOC of Greater Oklahoma, LLC | 439004 | United States Cellular Corporation |
| USCOC of Greater Oklahoma, LLC | 439035 | United States Cellular Corp ? CL |
| USCOC of Jack/Wil, Inc. | | |
| USCOC of LaCrosse, LLC | 339007 | United States Cellular Corporation |
| USCOC Nebraska/Kansas, Inc. | | |
| USCOC Nebraska/Kansas, LLC (KS) | 419012 | USCOC of Nebraska/Kansas LLC |
| USCOC Nebraska/Kansas, LLC (NE) | 379019 | USCOC of Nebraska/Kansas LLC DBA U.S. Cellular? |
| Kansas #15 Limited Partnership | | |
| USCOC of Pennsylvania RSA No. 10-B2, Inc. | | |
| Allentown SMSA Limited Partnership | | |
| USCOC of Richland, Inc. | 529001 | United States Cellular Corporation |
| USCOC of South Carolina RSA #4, Inc. | | |
| USCOC of Texahoma, Inc. | | |
| Texahoma Cellular LP | 439004 | United States Cellular Corporation |
| Texahoma Cellular LP | 439035 | United States Cellular Corp ? CL |
| USCOC of Virginia RSA #3, Inc. | 199004 | United States Cellular Corporation |
| Washington RSA #5, Inc. | | |
| Western Sub-RSA Limited Partnership | 529001 | United States Cellular Corporation |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| Westelcom Cellular, Inc. | | |
| New York RSA 2 Cellular Partnership | | |
| Affiliate Fund | | |
| Airadigm Communications, Inc. | | |
| CommVest, Inc. | | |
| GTE Mobilnet of Indiana LP | | |
| MGW Communications, Inc. | | |
| National Telephone & Telegraph Company | | |
| Nelson-Ball Ground Cellular Telephone & Services, Inc. | | |
| New Paris Telephone, Inc. | | |
| Suttle-Straus, Inc. | | |
| Graphic Arts Alliance LLC | | |
| TDSI Corporation | | |
| OneNeck IT Solutions LLC | | |
| OneNeck IT Services Corporation | | |
| OneNeck UK Limited | | |
| Team Technologies LLC | | |
| TEAM Des Moines Partners, LLC | | |
| TEAM Madison Partners, L.L.C. | | |
| VISI Incorporated | | |
| Vital Support Systems, LLC | | |
| Volcano Communications Company | 542343 | |
| TDS Broadband, LLC | | |

REDACTED - AVAILABLE FOR PUBLIC INSPECTION

**(800) Operating Companies**
**Data Collection Form**

FCC Form 481
OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

| | | |
|---|---|---|
| <010> | Study Area Code | 140058 |
| <015> | Study Area Name | LUDLOW TEL CO |
| <020> | Program Year | 2015 |
| <030> | Contact Name - Person USAC should contact regarding this data | Bruce Schiefelbein |
| <035> | Contact Telephone Number - Number of person identified in data line <030> | 6086645455 ext. |
| <039> | Contact Email Address - Email Address of person identified in data line <030> | bruce.schiefelbein@tdstelecom.com |

| | | |
|---|---|---|
| <810> | Reporting Carrier | Ludlow Telephone Company |
| <811> | Holding Company | Telephone and Data Systems, Inc. |
| <812> | Operating Company | NA |

<813>

| <a1> Affiliates | <a2> SAC | <a3> Doing Business As Company or Brand Designation |
|---|---|---|
| TDS Baja Broadband, LLC | | |

# -Terms and Conditions of Voice Telephony Lifeline Service – 54.422(a)(2)

Lifeline Service Overview

1. A Lifeline customer may subscribe to any local service offering available to all residential customers. Such local service offerings include:

   - Basic local exchange telephone flat rate service (R1) which entitles the customer to an unlimited number of telephone calls within the exchange and local calling area (including EAS points) without additional charges. Toll charges do not apply.

   - A local measured service (if offered by the Company). The service is priced lower than R1 service but either a per minute or per message rate also applies. The measured service plan may include an allowance of minutes/messages.

   - An expanded local calling service which is priced higher than R1 service but includes a larger local calling service area without incurring toll charges.

   - Any bundle service that includes residential basic local exchange service.

2. For a list of local exchange services and rates, refer to the Company's Local Exchange tariff posted on its website at http://www.tdstelecom.com/CustomerService/TariffSearch.aspx and/or contact the Company at 1-888-CALL TDS (1-888-225-5837). (Note, not all bundles are tariffed)

3. Any of the local service offerings listed above is for a minimum one month period and entitles the customer to telephone calls within the exchange and local calling area (including EAS points). Toll charges do not apply to such calls.

4. Telephone Service including Lifeline service also includes –
   - Touch Tone
   - Access to 911 emergency service along with other N11 services
   - Access to operator services
   - Access to directory assistance
   - Access to toll calling via long distance carrier
   - Toll restriction service at no charge for Lifeline customers

5. Participants in Lifeline Assistance shall not be disconnected from Local Service for non-payment of toll charges. In addition, the Company will not deny re-establishment of local service to customers who are eligible for Lifeline Assistance and have previously been disconnected for non-payment of toll charges. Lifeline Assistance will not be connected if an outstanding balance is owed by the customer for local service.

6. Applicable taxes levied by state, county and local taxing authorities are added to local service rates.

# -Terms and Conditions of Voice Telephony Lifeline Service – 54.422(a)(2)

**STAR Packages**

STAR Packages are optional service bundles. Each package permits a customer to receive services and features for a flat monthly rate, for each STAR Package subscriber line provided. The STAR Package options include the following services:

1) 3 STAR Package
   Includes: Residential One-Party Line, Caller ID Deluxe, Call Waiting/Cancel Call Waiting, Call Forwarding, and Preferred Call Forwarding (not flat rate service at some companies)

   The 3 STAR Package can be upgraded to include Anonymous Call Rejection, Three-Way Calling, Priority Ringing, Special Call Acceptance, and Personal Voicemail. The charge for this upgrade is set forth under "Residence" below (not flat rate service at some companies).

2) 4 STAR Package
   Includes: Residential One-Party Line, Caller ID Deluxe, Call Waiting/Cancel Call Waiting, Call Forwarding, Preferred Call Forwarding, Anonymous Call Rejection, and 300 Minutes of LATA-Wide and/or Long Distance calling

   The 4 STAR Package can be upgraded to include Three-Way Calling, Priority Ringing, Special Call Acceptance and Personal Voicemail. The charge for this upgrade is set forth under "Residence" below.

3) 5 STAR Package
   Includes: Residential One-Party Line, Caller ID Deluxe, Call Waiting/Cancel Call Waiting, Call Forwarding, 3-Way Calling, Anonymous Call Rejection, Priority Ringing, Special Call Acceptance, Preferred Call Forwarding, Personal Voice Mail, and Unlimited LATA-Wide and/or Long Distance calling

Conditions and Limitations

a. Rules, regulations, and limitations as specified elsewhere in the Company's tariffs for each individual service will apply as part of this Package.

b. STAR Package customers may terminate their Package at any time upon notice to the Company.

c. Unless terminated by the STAR Package customer or the Company, a customer will remain enrolled in the Package, as amended from time-to-time, with any applicable changes in rate, for as long as the Plan continues to be offered by the Company.

d. New Customers that subscribe to one of the STAR Packages will receive a waiver of all installation charges.

# -Terms and Conditions of Voice Telephony Lifeline Service – 54.422(a)(2)

Service Charges will not apply when the STAR Package replaces existing Local Exchange Service or if the customer requests a change from the STAR Package back to Local Exchange Service.

e. A Package Change Fee will apply when a customer downgrades from the 4 STAR or 5 STAR Package to the 3 STAR or 4 STAR Package. Customers may upgrade to a higher STAR Package without incurring a charge.

f. The Star Package may not be combined with any other optional toll calling plan service, except for those specified in this offering.

g. Customers who fail to pay the entire Package rate per month will have all STAR Package optional features removed. The customer will then be converted to the tariffed Basic Local service rate. Service Charges will not apply for converting services back to tariff rates. Such customers will not be permitted to re-enroll in this any of the Packages until such time as all associated unpaid balances are satisfactorily paid in full.

Residence

| | | |
|---|---|---|
| 1) | 3 STAR Package, per line | $19.99 to $29.99 |
| 2) | 4 STAR Package, per line | $29.99 to $39.99 |
| 3) | 5 STAR Package, per line | $39.99 to $49.99 |

| | | |
|---|---|---|
| a. | Package Upgrade (features added to existing package) | $5.00 |
| b. | Package Change Fee | $7.50 |

## SECURITY LINE SERVICE

1. General

Security Line Service is a bundle for residential customers who have their main telecommunications service with a wireless provider but require a basic access line for back-up and high speed data.

The bundle includes a Residential One-Party Line and up to 1 Mbps high speed data. (Could be an LMS line at companies that provide LMS)

2. Terms and Conditions

a. Security Line Service will be provisioned where facilities are available.

b. Rules, regulations, and limitations as specified elsewhere in the Company's tariffs will apply to this bundle.

c. No other optional services or features are allowed with this bundle, except Toll Restriction, Toll Restriction PIN Override, Non-Published Numbers, and Non-Listed Numbers. These four services will be allowed at the rate listed

## -Terms and Conditions of Voice Telephony Lifeline Service – 54.422(a)(2)

elsewhere in the tariff. As stated in the Lifeline Service Overview, charges for toll restriction do not apply to Lifeline Customers.

d. Customers must subscribe to this service for 1 year. Cancellation of the bundle prior to the one year timeframe will cause an early termination fee of $99 to apply.

e. Customers must subscribe to TDS Long Distance Corporation as their long distance provider.

f. Any toll calls will be billed at TDS Long Distance toll rates.

g. Service Connection Charges will not apply.

h. Optional Call plans are not available with this bundle.

i. Seasonal Service is not available with this bundle.

3. Rates and Charges

| | Monthly Rate |
|---|---|
| Bundle Base Rate | $36.95 to 47.20[1] |

[1] Other data speeds may be available for an additional charge.