# Version 9.30.28

# x-DSL Loop Qualification (TXTYP = H,K)
# PRE-ORDER RESPONSE

Response Fields:

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| *TXNUM | Transaction Number-Identifies the customer provided tracking number to link the inquiry with the response | 824Z9  (16 alphanumeric characters) | 1. The TXNUM may be reused after one week. |
| *D/TSENT | Date and Time Sent-Identifies the date and time the transaction is sent. | (17 numeric characters)<br><br>Metric Format:<br>Two Digit Century    (00-99)<br>Two Digit Year        (00-99)<br>Two Digit Month      (01-12)<br>Two Digit Day         (01-31)<br>Two Digit Hour        (00-23)<br>Two Digit Minute     (00-59)<br>Two Digit Second     (00-59) | 1. Date includes century: CCYYMMDD<br>2. Time is military time: HHMM[SS] |
| *TXTYP | Transaction Type-Identifies the type of transaction. | (1 alpha character)<br><br>Possible Value:<br>H    xDSL Loop Qualification<br>K    xDSL Loop Qualification Extended<br><br>Format:<br>See Appendix Section 2.1 and 2.3 for all valid values. | 1. This field will be returned when populated on inquiry. |
| *CC | Company Code-Identifies the exchange carrier initiating the transaction. | 12A3 (4 alphanumeric characters) | 1. This field matches or maps to the RSID for Reseller or AECN for CLEC. |
| ROUTE | Route Number-Identifies the route number of the service address. | (6 alphanumeric characters) | 1. Required when BOX field is populated, otherwise prohibited.<br>2. Prohibited when WTN is populated.<br>3. Prohibited if MLT or INTMSG field is populated.<br>4. Special Characters allowed; Ampersand, Apostrophe, Asterisk,  Hyphen, Number Sign, Parentheses, Space. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| BOX | Box Number-Identifies the box number of the service address. | (9 alphanumeric characters) | 1. Required when ROUTE field is populated, otherwise prohibited. <br> 2. Prohibited if MLT field is populated. <br> 3. Special Characters allowed; Ampersand, Apostrophe, Asterisk, Hyphen, Number Sign, Parentheses, Space. |
| RESID | Response Identifier-Identifies the response number assigned by the provider to relate associated transactions. | N06220011  (17 alphanumeric characters) | 1. For TXTYP=K, certain front-end applications may require a subsequent query if manual processing is required. This field if provided on the initial response indicates a subsequent query is required to retrieve loop qual data. <br> 2. This field if applicable will only be returned in conjunction with the INTMSG field. |
| AFT | Address Format Type-Identifies the format of the address being supplied. | (1 alpha character) <br><br> Possible Values: <br> C    Provider assigned house number <br> N    Normal physical service address number | 3. When AFT = "C" or "N", SANO field must be populated. <br> 4. Prohibited if MLT or INTMSG field is populated. |
| SAPR | Identifies the prefix for the address number of the service address | (6 Alphanumeric characters) | |
| SANO | Service Address Number-Identifies the number of the service address. | 450  (10 alphanumeric characters) | 1. See SATH Values <br> 2. Required when AFT= "C" or "N". <br> 3. Prohibited if MLT field is populated. <br> 4. Special Characters allowed; Hyphen. <br> 5. When a Hyphen appears it must be followed by a Numeric. |
| SASF | Service Address Number Suffix-Identifies the suffix for the address number of the service address | 1/2  (4 alphanumeric characters) | 1. Optional if SANO field is populated, otherwise prohibited. <br> 2. Prohibited if MLT field is populated. <br> 3. Special Characters allowed; Virgule. <br> 4. When a Virgule appears it must be preceded and followed by a Numeric. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| SASD | Service Address Street Directional Prefix-Identifies the street directional prefix for the service address | (2 alphacharacters)<br>Possible Values:<br>N    North<br>S    South<br>E    East<br>W    West<br>NE   Northeast<br>NW  Northwest<br>SE   Southeast<br>SW  Southwest | 1. Optional if SASN field is populated, otherwise prohibited.<br>2. Prohibited if MLT field is populated. |
| SASN | Service Address Street Name-Identifies the street name of the service address. | Camino Ramon  (50 alphanumeric characters) | 1. See SATH Values<br>2. Prohibited if MLT or INTMSG field is populated.<br>3. Required when AFT field = "C", or "N".<br>4. Special Characters allowed; Ampersand, Apostrophe, Asterisk,  Hyphen, Number Sign, Parentheses, Space. |
| SATH | Service Address Street Type-Identifies the thoroughfare portion of the street name of the service address. | LN  (7 alphanumeric characters) | 1. See SATH Values<br>2. Optional if SASN field is populated, otherwise prohibited.<br>3. Prohibited if MLT field is populated. |
| SASS | Service Address Street Directional Suffix-Identifies the street directional suffix for the service address. | (2 alpha characters)<br>Possible Values:<br>N    North<br>S    South<br>E    East<br>W    West<br>NE   Northeast<br>NW  Northwest<br>SE   Southeast<br>SW  Southwest | 1. See SATH Values<br>2. Optional if SASN field is populated, otherwise prohibited.<br>3. Prohibited if MLT field is populated. |
| LD1 | Location Designator 1-Identifies additional specific information related to the address. | (4 alpha characters)<br><br>Possible Values:<br>Bldg<br>Wng<br>Pier | 1. See SATH Values.<br>2. Optional if SASN field is populated, otherwise prohibited.<br>3. Prohibited if MLT field is populated.<br>4. LD1 will be used to identify the structure type of the end user's location. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| LV1 | Location Value 1-Identifies the value associated with the first location designator of the address. | 12  (10 alphanumeric characters) | 1. See SATH Values<br>2. Required if LD1 is populated, otherwise prohibited.<br>3. Special Characters allowed; when LD1 = Bldg; Apostrophe, Hyphen, Space; when LD1 = Pier or Wing; Hyphen, Space.<br>4. LV1 will be used to identify the structure value of the end user's location. |
| PVCINDCODE | Customer Privacy Indicators-Provides information about any customer privacy indicators in use | (50 alphanumeric characters)<br><br>Possible Value:<br>P    Privacy Indicator Exists<br><br>Format:<br>A value of "P" indicates that the customer account is either marked as Do Not Write, Do Not Call, Do Not Write/Call, Do Not Survey or Non Pub/Non Listed. | 1. Prohibited when MLT or INTMSG field is populated.<br>2. This field is only optional if query by working telephone number. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| RSNNOTQUAL | xDSL Reason Not Qualified-Provides information messages regarding why an address is not qualified. | (50 alphanumeric characters)<br><br>Possible Values:<br>-No valid loop qual data. Request manual loop<br>-Spectrum Management T-1<br>-Spectrum Management Other<br>-Work Order in Progress<br>-Digital Loop Carrier<br>-DLC - No Copper Available<br>-DLC - LST Dependent<br>-DLC - Loaded Copper<br>-Load Coils<br>-Digital Single Carrier<br>-Loop Lngth Exceeds Svc Requested<br>-PARTS Suspend<br>-RSU<br>-RSU - CSA Compliant<br>-RSU - Not CSA Compliant<br>-Fiber To The Premise Only | 1. When TXTYP = "H", and RSNNOTQUAL = "No valid loop qual data. Request manual loop qual" or "DLC - LST Dependent" is returned, resubmit query using TXTYP = "K" (xDSL Loop Qualification Extended).<br>2. The valid entry "DLC - LST Dependent" indicates the address is served by DLC and line station transfer (LST) availability is unknown. Qualified Copper is dependent upon successful completion of an LST.<br>3. The valid entry "No valid loop qual data. Request manual loop qual" is not applicable when TXTYP = "K".<br>4. The valid entry "DLC - Loaded Copper" indicates the address is served by DLC and Loaded Copper is present.<br>5. The vaild entry "PARTS Suspend" indicates an exhaust condition has been reached in a remote terminal that has been equipped with PARTS capability.<br>6. The valid entry "RSU" indicates the loop is served by a remote switch unit.<br>7. The valid entry "RSU - CSA Compliant" indicates the remote switch unit meets CSA guidelines.<br>8. The vaild entry "RSU - Not CSA Compliant" indicates the loop is currently served by a remote switch unit and does not meet CSA standard guidelines. i.e. Loop length exceeds CSA limit or load coils are present.<br>9. Fiber to the Premise Only indicates that an address is only served by Fiber to the Premise.<br>10. The valid entry Fiber to the Premise Only is not applicable for TXTYPE = K, (xDSL Loop Qualification Extended).<br>11. Required when LOOPSTAT = "B".<br>12. Prohibited when MLT or INTMSG field is populated. |
| UPDT | Update Date and Time-Identifies the update date and time for manually entered loop length or Reasons Not Qualified. | (20 alphanumeric characters) | 1. Prohibited when MLT or INTMSG field is populated.<br>2. Special characters allowed; Colon, Comma, Hyphen, Space, Virgule.<br>3. This date and time will return whenever a loop length has been manually entered or changed or when a reason not qualified has been entered or changed. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| WIRECTRAREAFACSID | FACS Wire Center ID-Identifies the wire center id. | (6 alphanumeric characters)<br><br>Format:<br> Format is NPANXX | 1. Prohibited when MLT or INTMSG field is populated. |
| ADDRWITHINWCID | Address Qualified within Wire Center-Identifies whether or not the Central Office has been mass loop qualified. | (1 alpha character)<br><br>Possible Values:<br>Y - Yes<br>N - No | 1. Prohibited when MLT or INTMSG field is populated. |
| RTIND | Remote Terminal Indicator-Identifies that the location is served by a remote terminal. | (1 alpha characters)<br><br>Possible Values:<br>Y - Yes<br>N - No | 1. Optional if LOOPSTAT = A.<br>2. Prohibited when MLT or INTMSG field is populated.<br>3. This field is optional when TXTYP = H or when TXTYP = K and manual processing is required. |
| LD2 | Location Designator 2-Identifies additional specific information related to the address. | (4 alpha characters) | 1. See SATH Values.<br>2. Optional if SASN field is populated, otherwise prohibited.<br>3. LD2 will be used to identify the elevation type of the end user's location. |
| LV2 | Location Value 2-Identifies the value associated with the second location designator of the address. | 2  (10 alphanumeric characters) | 1. See SATH Values.<br>2. Required if LD2 is populated, otherwise prohibited.<br>3. Special Characters allowed; Space.<br>4. LV2 is used to identify the elevation value of the end user's location. |
| LD3 | Location Designator 3-Identifies additional specific information related to the address. | (4 alphacharacters)<br>Possible Values:<br>Unit<br>Rm<br>Apt<br>Lot<br>Slip<br>Suit | 1. See SATH Values<br>2. Optional if SASN is populated, otherwise prohibited.<br>3. LD3 is used to identify the customer unit type of the end user's location. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| LV3 | Location Value 3-Identifies the value associated with the third location designator of the address. | 23A  (10 alphanumeric characters) | 1. See SATH Values<br>2. Required if LD3 is populated, otherwise prohibited.<br>3. Special Characters allowed; Hyphen, Space.<br>4. LV3 is used to identify the customer unit value of the end user's location. |
| CITY | City-Identifies the city, village or township, etc | Piscataway (32 alphanumeric characters) | 1. See SATH Values.<br>2. Prohibited if MLT field is populated.<br>3. Special Characters allowed; Ampersand, Apostrophe, Asterisk, Hyphen, Space, Number Sign, Parenthesis. |
| STATE | State/Province-Identifies the abbreviation for the state or province. | | |
| ZIP | ZIP/Postal Code-Identifies the ZIP code, ZIP code + extension or postal code. | 30022   (12 alphanumeric characters)<br><br>Format:<br>Optional if SASN or ROUTE and BOX are populated, otherwise prohibited. | 1. Special Characters allowed; Plus Sign and Space.<br>2. 5 digit zip code is accepted. |
| MLT | Multi-Line Text-Identifies multi-line text returned. | (81 alphanumeric characters) | 1. Special Characters allowed; Ampersand, Apostrophe, Asterisk, Colon, Comma, Dollar Sign, Hyphen, Number Sign,  Parentheses, Percent Sign, Period, Plus Sign, Quotation Marks, Semicolon, Space, Virgule.<br>2. For this transaction, this field will return a list of alternate addresses when a partial match is found.<br>3. Up to 10,000 rows can occur within this field. Each row is 81 characters across. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| MSG | Informational Message-Contains supplemental message text. | (78 alphanumeric characters) | 1. Prohibited when MLT or INTMSG field is populated.<br>2. Special Characters allowed; Ampersand, Apostrophe, Asterisk, Colon, Comma, Dollar Sign, Hyphen, Number Sign,  Parentheses, Percent Sign, Period, Plus Sign, Quotation Marks, Semicolon, Space, Virgule. |
| FE | Facility Environment-Identifies the type of facility serving the end user | (1 alpha character)<br><br>Possible Values:<br>A     Fiber to the Premise<br>B     Fiber to the Premise and Copper<br>C     Copper<br>D     Provisioning is not available at the address | 1. Prohibited when MLT or INTMSG field is populated. |
| LST | Local Service Termination-Identifies the CLLI code of the end office switch from which service is being provided. | (8 alphanumeric characters) | 1 Prohibited when MLT or INTMSG field are populated.<br>1 Special Characters allowed; Hyphen, Space. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| LOOPSTAT | Loop Status-Identifies the status of the xDSL loop qualification. | (1 alpha character)<br><br>Possible Values:<br>A - Facilities Qualified<br>B - Facilities Not Qualified<br><br>Format:<br>1. A value of "A" indicates facilities are xDSL qualified.  The length is less than or equal to 18,000 feet and no reason not qualified are present or the location is served by xDSL capable remote terminal.<br>2. When TXTYP = "H", a LOOPSTAT value of "B" indicates either the length is greater than 18,000 feet, reasons not qualified are present or no valid data is available.<br>3. When TXTYP = "K", a LOOPSTAT value of "B" indicates either the length is greater than 18,000 feet or reasons not qualified are present. | 1 Prohibited when MLT or INTMSG field is populated. |
| LC | Location Code-Identifies the CLLI Code of the initiation point for the F1 segment. | MILNTN01  (11 alphanumeric characters) | 1 Prohibited when MLT or INTMSG field are populated.<br>1 Special characters allowed; Hyphen, Space. |
| LL | Loop Length-Identifies the distance from the wire center to the end user location. | 11.5  (8 alphanumeric characters) | 1. Prohibited when MLT or INTMSG field is populated.<br>2. Prohibited if RTIND = Y.<br>3. Special characters allowed; Period, Space.<br>4. Length may include bridged tap.<br>5. Measurements will always be in kilofeet (kft). |
| INTMSG | Interim Message-Identifies that the request has been sent for manual processing. | (71alphanumeric characters)<br><br>Format:<br>The following message will be returned to indicate that the request has been sent for manual processing - Manual Processing required - response will be provided within 48 hours. | 1. Optional when TXTYP = "K", otherwise prohibited.<br>2. Manual processing may take up to 48 hours. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| LPAC | Loop Product Available Code- Identifies which xDSL products are available | 12345  (50 alphanumeric characters)<br><br>Format:<br>1. Frontier offers the following tariffed wholesale XDSL services: ADSL-R indicates a Loop which is less than 18,000 feet from the Central Office, IDSL (2 Wire Digital Very Low Band Class 1 - DSL) indicates a Loop which is less than 18,000 feet from the Central Office, ADSL-C indicates a Loop which is less than 12,000 feet from the Central Office, SDSL (2 Wire Digital Low Band Class 2 - DSL) indicates a Loop which is less than 12,000 feet from the Central Office, **ADSL2+ -** ADSL2+ extends the capability of basic ADSL by doubling the number of downstream bits**, BONDED -** ports are physically provisioned to the end user and the total bandwidth is equal to the sum of all provisioned ports, **VDSL-** Very-High Bit Rate Digital Subscriber Line**, IPDSL**- indicates Broadband provisioned over Internet Protocol (non ATM)(CT Only)<br><br>2 .Any combination of services may be returned depending on the address in the inquiry. | 1.Provided when LOOPSTAT = "A", otherwise prohibited.<br>2. Prohibited when MLT or INTMSG field is populated.<br>3. Special characters allowed; Comma, Hyphen, Space.<br>4. It is possible to receive more than one service in a response.<br><br>**SATELLITE**:  Frontier does not support for Broadband services |
| WCN | Wire Center Name-Identifies the location where the service provider terminates subscriber outside cable plant, i.e., their local lines with the necessary testing facilities to maintain them. | Presque Isle  (25 alphanumeric characters) | 1. Prohibited when MLT or INTMSG field is populated.<br>2. Special characters allowed; Hyphen, Space, Virgule. |
| PRESPC | Provider Response Code- Identifies a provider specific code on the response transaction that represents what occurred on the associated inquiry transaction. | 7113  (14 alphanumeric characters)<br><br>Format:<br>1. See Pre-Order Response Error Code Matrix for full list | 1. Required if error condition exists, otherwise prohibited.<br>2. Special Characters allowed; Colon.<br>3. The occurrence of error fields overrides the return of other fields stated in the response. |

| Field Name | Field Description | Field Values | Notes |
|---|---|---|---|
| PRESPD | Provider Response Description- Identifies the provider's text used to clarify the response for the associated inquiry transaction. | Reservation not found  (264 alphanumeric characters) | 2. Optional if PRESPC field is populated, otherwise prohibited.<br>3. Special Characters allowed; Ampersand, Apostrophe, Asterisk, Colon, Comma, Dollar Sign, Hyphen, Number Sign,  Parentheses, Percent Sign, Period, Plus Sign, Quotation Marks, Semicolon, Space, Virgule.<br>4. This is not a standalone field and may be used in combination with the PRESPC field to further clarify the condition encountered.<br>5. Returned with error explanation or non-error related supplemental data.<br>6. The occurrence of error fields overrides the return of other fields stated in the response. |

**Form Note: Frontier does not pass edits on Response Fields.**

## Appendix A – Change Log

| Date | Release | Field Name | Change Description |
|------|---------|------------|--------------------|
| 07/16/2021 | October 2021 Release | All | Update version to 9.30.24 |
| 08/02/2021 | October 2021 Release | n/a | Add Form Note: Frontier does not pass edits on Response Fields. |
| 07/15/2022 | October 2022 Release | All | Update version to 9.30.25 |
| 03/22/2023 | June 2023 Release | All | Update version to 9.30.26 |
| 11/24/2023 | February 2024 Release | All | Update version to 9.30.27 |
| 07/15/2024 | October 2024 Release | All | Update version to 9.30.28 |
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