| Ref | 2Q14 POP 120 Ref | Field Name | **N/R/C/O** | **Negotiated Business Rules** | Field Lengths | Field Characteristics | Valid Values |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Loop Qualification Query (LQQ)** | N = Not Req’d  R = Required  C = Conditional  O = Optional |  |  |  |  |
|  |  | **Administrative Section** |  |  |  |  |  |
| LQQ1 | 1 | CCNA | O | Customer Carrier Name Abbreviation | 3 | a/n |  |
| LQQ2 |  | TPID | O | Trading Partner Id | 10 | a/n |  |
| LQQ3 | 3 | MSG\_TIMESTAMPE | R |  | 17 | a/n | CCYYMMDDHHMinMin Military Time |
| LQQ4 | 2 | TXNUM | R | Co-Provider generated and may be reused one month after initial inquiry. | 16 | a/n |  |
| LQQ5 | 4 | TXTYP | R |  | 1 | a | H = Loop Qualification Query |
| LQQ6 | 5 | TXACT | R |  | 1 | a | A = New Inquiry |
| LQQ7 | 7 | CC | R |  | 4 | a/n |  |
| LQQ8 | 6 | RVER | O | Release Version | 5 | a/n |  |
| LQQ9 | 32 | STATE | O |  | 2 | a/n |  |
|  |  | **Loop Qualification Query Section** |  |  |  |  |  |
| LQQ10 | 8 | MS | R | For Broadband qualification queries, MS must equal A; for all other queries, MS must equal B. | 1 | a/n  a | A = Resale  B = Unbundled |
| LQQ11 | 10 | TOS | N |  | 4 | a/n |  |
| LQQ12 | 68 | SMC | N |  | 2 | a/n |  |
| LQQ13 | 40 | QR\* | O | **Quantity Requested**  Optional for unbundled ADSL otherwise ignore. | 4 | n | 1-99 |
| LQQ14 | 52 | WTN\* | C |  | 15 | a/n |  |
| LQQ15 | 73 | LM\* | N |  | 1 | a |  |
| LQQ16 | 61 | NC\* | C | Prohibited if MS = A.  Required when NCI is populated otherwise prohibited. | 4 | a/n | LXR– |
| LQQ17 | 62 | NCI\* | C | Prohibited if MS = A.  Required when NC is populated otherwise prohibited. | 12 | a/n | 02QB9.00A, 02QB9.01A, 02QB9.00C, and 02QB9.01C |
| LQQ18 | **63** | SECNCI\* | N |  | 12 | a/n |  |
|  |  |  |  |  |  |  |  |
| LQQ19 | 143 | AGAUTH | N |  | 1 | a |  |
| LQQ20 | 144 | LSP\_AUTH | N |  | 4 | a/n |  |
| LQQ21 | 145 | LSP\_AUTH\_DATE | N |  | 10 | a/n |  |
| LQQ22 | 146 | LSP\_AUTH\_NAME | N |  | 15 | a/n |  |
|  |  | **Query by Address Section** |  |  |  |  |  |
| LQQ23 | 15 | AFT | O |  | 1 | a/n | A = Rural Route or Route and Box number  B = Unnumbered  C = Provider assigned house number  D = Descriptive |
| LQQ24 | 16 | SAPR | O |  | 6 | a/n |  |
| LQQ25 | 17 | SANO | C | This field is used for Numbered address search. Co-Provider must populate this field with the house number of the service address for numbered address search (e.g., 123). This field, along with the SASF and SASN fields, gives the complete street address (e.g., 123-1A Main Street).  This field is required when SAPR or SASF are populated. | 10 | a/n |  |
| LQQ26 | 19 | SASF | O | This field is used for Numbered address search. Co-Provider may optionally populate this field with the house number suffix of the service address for numbered address search (e.g., 1A or 1/2). The SANO field concatenated with a dash with the SASF field, along with the SASN, gives the complete street address (e.g., 123-1A Main Street). Valid Only if SANO is populated. | 4 | a/n |  |
| LQQ27 | 20 | SASD | O |  | 2 | a | N = North  S = South  E = East  W = West  NE = Northeast  NW = Northwest  SE = Southeast  SW = Southwest |
| LQQ28 | 21 | SASN | C | Use field to determine type of address search:   Numbered: Does not begin with ", “and is populated with a street name.  Example:  Broadway.  SANO must be populated and SASF may be populated.  Unnumbered: Begins with ", " followed by a street name or the community name, or with ", , " followed by the community name.  Descriptive: Begins with ", " followed by a description of the address.  Example: , Mission Apts.  The following fields cannot be populated: LD1, LV1, LD2, LV2, LD3, and LV3   The CITY, STATE and ZIP must be populated for all of these three searches.  This field is required when SASD, or SATH, or SASS are populated. | 60 | a/n |  |
| LQQ29 | 22 | SATH | O |  | 10 | a/n |  |
| LQQ30 | 23 | SASS | O |  | 2 | a | N = North  S = South  E = East  W = West  NE = Northeast  NW = Northwest  SE = Southeast  SW = Southwest |
| LQQ31 | 24 | LD1 | C | Required when LV1 is populated, otherwise prohibited. | 4 | a | APT  LOT  RM  SLIP  UNIT  SUIT |
| LQQ32 | 25 | LV1 | C | Required when LD1 is populated, otherwise prohibited. | 10 | a/n |  |
| LQQ33 | 26 | LD2 | C | Required when LV2 is populated, otherwise prohibited. | 4 | a | FLR |
| LQQ34 | 27 | LV2 | C | Required when LD2 is populated, otherwise prohibited. | 10 | a/n |  |
| LQQ35 | 28 | LD3 | C | Required when LV3 is populated, otherwise prohibited. | 4 | a | BLDG  WNG  PIER |
| LQQ36 | 29 | LV3 | C | Required when LD3 is populated, otherwise prohibited. | 10 | a/n |  |
| LQQ37 | 30 | AAI | O |  | 60 | a/n |  |
| LQQ38 | 31 | CITY | C | Required if query by address | 32 | a/n |  |
| LQQ39 | 32 | STATE | C | Required if query by address | 2 | a |  |
| LQQ40 | 33 | ZIP | R |  | 12 | a/n |  |
|  |  |  |  |  |  |  |  |
| LQQ41 |  | QUALEXIST | O | **Qualify Existing:** Qualify existing telephone numbers.  Optional for unbundled ADSL otherwise ignore. | 1 | a | Y = Qualify existing telephone numbers  N = Do not qualify existing telephone numbers |
| LQQ42 |  | DSLSERV | O | **DSL Service:** DSL Service indicator.  Optional for unbundled ADSL otherwise ignore. | 1 | a | A = ADSL |
| LQQ43 |  | REQUAL | O | **Re-qualification:** Indicates the CLECs desire for IMA to submit the TN for auto re-qualification queries should the Loop Qualification for Broadband or Unbundled ADSL result in a not qualified response. | 1 | a | Y = Yes, submit for auto-re-qualification if the Loop Qual result is not qualified.  N = No, do not submit for auto-re-qualification if the Loop Qual result is not qualified. |
| LQQ44 |  | REQUALEMAIL | C | **Re-qualification Contact Email:** Identifies the email address to which should send a message when a TN submitted for auto re-qualification is qualified for the requested service. Required if REQUAL = Y | 60 | a/n |  |
|  |  | **Loop Qualification Response (LQR) - Administrative Section** |  |  |  |  |  |
| LQR1 | 1 | CCNA | O | Customer Carrier Name Abbreviation | 3 | a/n |  |
| LQR2 |  | TPID | O | Trading Partner Id | 10 | a/n |  |
| LQR3 | 3 | MSG\_TIMESTAMP | R |  | 17 | a/n | CCYYMMDDHHMinMin  Military Time |
| LQR4 | 2 | TXNUM | R |  | 16 | a/n | Echo from query |
| LQR5 | 4 | TXTYP | R |  | 1 | a | Echo from query |
| LQR6 | 5 | TXACT | R |  | 1 | a | Echo from query |
| LQR7 | 7 | CC | O |  | 4 | a/n | Echo from query |
| LQQ8 | 6 | RVER | O | Release Version | 5 | a/n |  |
| LQQ9 | 32 | STATE | O |  | 2 | a/n |  |
|  |  | **Circuit Information and Counters** |  | This section is used when a good or mixed response is returned from a search (PRESPC = 42 or 70). |  |  |  |
|  |  |  |  | Fields ECCKTNUM through F2LPCP repeat as a group. |  |  |  |
| LQR10 |  | ECCKTNUM\* | C | **Circuit Number:** Index of Circuit ID response if present. | 2 | n |  |
|  |  | **Loop Qualification Response** |  | This section is used when a good or mixed response is returned from a search and the query was for either Unbundled ADSL or Broadband .(PRESPC = 42 or 70) |  |  |  |
|  |  | **Loop Qualification Response** |  |  |  |  |  |
| LQR11 | 60 | LST\* | C | Populated if returned. Same as CLLI code. | 11 | a/n |  |
| LQR12 | 46 | NPANXX\* | C | Populated if returned. | 6 | n |  |
| LQR13 | 73 | LM\* | O |  | 1 | a |  |
| LQR14 | 77 | LLT\* | C | Populated if returned. | 1 | a/n | A = Actual  B = Estimated |
| LQR15 | 83 | ELL\* | C | Returned if present. | 11  9 | a/n | Example: 11.5kft |
| LQR16 | 66 | ECCKT\* | C | Populated if returned. | 36 | a/n |  |
| LQR17 | 68 | SMC\* | N |  | 2 | a/n |  |
| LQR18 | 127 | LSA\* | N |  | 50 | a/n |  |
| LQR19 | 128 | VILD\* | N |  | 6 | n |  |
| LQR20 | 129 | HILD | N |  | 6 | n |  |
| LQR21 | 130 | TC\* | N |  | 6 | n |  |
| LQR22 | 137 | WCN\* | N |  | 25 | a/n |  |
| LQR23 | 113 | ABP\* | N | . | 4 | n |  |
| LQR24 | 114 | SSC\* | N | . | 1 | a/n |  |
| LQR25 | 126 | LPAC\* | C | Populated if returned. | 5 | a/n | BBND  UADSL  Not Populated = Loop Level Data |
| LQR26 | 90 | AFS\* | N | . | 1 | a/n |  |
| LQR27 | 95 | CHAN/PAIR\* | N | . | 5 | a/n |  |
| LQR28 | 115 | RTF | N | . | 1 | a/n |  |
| LQR29 | 109 | CAPAC | N | . | 5 | n |  |
| LQR30 | 70 | PGPRES\* | C | **Pair Gain/DLC Presence:** Identifies the presence of pair gain/Digital Loop Carrier (DLC) on the loop.  This field is populated when Pair Gain or DLC is present on the loop and the facilities qualified (LOOPSTAT = A). | 1 | a | A = Yes  N = No |
| LQR31 | 71 | DLCTYPE\* | N |  | 20 | a/n |  |
| LQR32 | 72 | DSSCP | N |  | 1 | a |  |
| LQR33 | 119 | F1LPCP\* | C | Populated if returned. | 1 | a | A = Coaxial  B = Copper  C = Fiber  Y = PG (Brightspeed specific)  Z = UDC (Brightspeed specific) |
| LQR34 | 123 | F2LPCP\* | C | Populated if returned. | 1 | a | A = Coaxial  B = Copper  C = Fiber  Y = PG (Brightspeed specific)  Z = UDC (Brightspeed specific) |
| LQR35 | 138 | RSUIND\* | C | If there is a unit, then the value is Y. Otherwise, the field is blank. | 1 | a | Y = Yes |
| LQR36 | 124 | RPV\* | N |  | 1 | a |  |
| LQR37 | 125 | RPD\* | N |  | 1 | a |  |
| LQR38 | 84 | LCQ\* | N |  | 1 | n |  |
| LQR39 | 87 | BTQ\* | C | Populated if returned. | 2 | n |  |
|  |  | Makeup Segment Section |  |  |  |  |  |
| LQR40 | 91 | CA\*\* | N | . | 10 | a/n |  |
| LQR41 | 69 | LOOPSTAT\*\* | C | Populated if returned. | 1 | a/n | A = Facilities Qualified  B = Facilities Not Qualified  C = Construction Job Required  D = Bona Fide Request (BFR) Required  E = Conditioning Required  F = Not Qualified due to Length  G = Not Qualified due to Pair Gain  H = Not Qualified due to DSSC  J = Not Qualified due to Disturber  K = Work Order in Progress  U = Undetermined (Brightspeed specific) |
| LQR41 | 102 | LMSTAT\*\* | N | . | 1 | a/n |  |
| LQR42 | 80 | ILL\*\* | N | . | 9 | n |  |
| LQR43 | 81 | LU\*\* | N |  | 3 | a |  |
| LQR44 | 79 | LL\*\* | C | Populated if returned. If returned, will repeat 5 times. | 14 | a/n | Characters 1 and 2 represent the gauge code.  Character 3 is always G for Gauge.  Loop Length begins at character 4. |
| LQR45 | 81 | LU\*\* | C |  | 3 | a | FT = Feet  KFT = Kilofeet  KM = Kilometers  MI = Miles |
| LQR46 | 131 | ALA\*\* | N |  | 1 | a |  |
| LQR47 | 132 | ALL\*\* | N |  | 9 | n |  |
| LQR48 | 81 | LU\*\* | N |  | 3 | n |  |
| LQR49 | 78 | GA\*\* | C | . | 2 | n |  |
| LQR50 | 82 | LLG\*\* | C | Populated if returned. If returned, will repeat 5 times. | 9 | n | Characters 1 and 2 represent the gauge code.  Character 3 is always G for Gauge.  Loop Length begins at character 4. |
| LQR51 | 81 | LU\*\* | C |  | 3 | n | FT = Feet  KFT = Kilofeet  KM = Kilometers  MI = Miles |
| LQR52 | 85 | LCT\*\* | C | Populated if returned. | 5 | a/n |  |
| LQR53 | 75 | LC\*\* | N |  | 11 | a/n |  |
| LQR54 | 86 | LCL\*\* | N |  | 9 | n |  |
| LQR55 | 81 | LU\*\* | N |  | 3 | n |  |
| LQR56 | 103 | LDSP\*\* | N |  | 9 | n |  |
| LQR57 | 81 | LU\*\* | N |  | 3 | n |  |
| LQR58 | 88 | BTL\*\* | N |  | 9 | n |  |
| LQR59 | 81 | BTL LU\*\* | N |  | 3 | n |  |
| LQR60 | 110 | BOCAP\*\* | N |  | 5 | n |  |
| LQR61 | 111 | BORES\*\* | N |  | 5 | n |  |
| LQR62 | 112 | BOOFF\*\* | N |  | 9 | n |  |
| LQR63 | 7581 | LU\*\* | N |  | 3 | n |  |
| LQR64 | 116 | F1DT\*\* | N |  | 1 | a |  |
| LQR65 | 117 | F1DQ\*\* | N |  | 2 | n |  |
| LQR66 | 118 | F1DL\*\* | N |  | 1 | a |  |
| LQR67 | 120 | F2DT\*\* | N |  | 1 | a |  |
| LQR68 | 121 | F2DQ\*\* | N |  | 2 | n |  |
| LQR69 | 122 | F2DL\*\* | N |  | 1 | a |  |
| LQR70 | 108 | TYCA\*\* | N | . | 1 | a |  |
| LQR71 | 101 | TRMED\*\* | N | . | 9 | a/n |  |
| LQR72 | 134 | AF1DT\*\* | N |  | 1 | a |  |
| LQR73 | 135 | AF1DQ\*\* | N |  | 2 | n |  |
| LQR74 | 136 | AF1DL\*\* | N |  | 1 | a |  |
| LQR75 |  | LOOPQUALMESG\*\*  XML: LOOPQUALMSG\*\* | C | **Loop Qualification Message:** Message returned to indicate that a product was or was not qualified and why.  Populated if returned. | 1024 | a/n | Variable Text |
| LQR76 | 52 | WTN\* | C | Populated if returned.  WTN of 0000000000 indicates spare loop for Broadband. | 15 | a/n |  |
| LQR77 |  | TPRDI\* | C | **Third Party, Resale, or broadband Indicator:** Indicates the third party voice, resale, or broadband  Populated if returned | 20 | a/n | Third Party Voice  Resale  broadband |
|  |  | **Address Response** |  | This section is used when a good or mixed response is returned from a search (PRESPC = 42 or 70). |  |  |  |
| LQR78 | 15 | AFT | N | . | 1 | a/n |  |
| LQR79 | 16 | SAPR | C | Populated if returned. | 6 | a/n |  |
| LQR80 | 17 | SANO | C | Populated if returned. | 10 | a/n |  |
| LQR81 | 19 | SASF | C | Populated if returned. | 4 | a/n |  |
| LQR82 | 20 | SASD | C | Populated if returned. | 2 | a/n |  |
| LQR83 | 21 | SASN | C | Populated if returned. | 60 | a/n |  |
| LQR84 | 22 | SATH | C | Populated if returned. | 10 | a/n |  |
| LQR85 | 23 | SASS | C | Populated if returned. | 2 | a |  |
| LQR86 | 24 | LD1 | C | Populated if returned. | 4 | a/n  a |  |
| LQR87 | 25 | LV1 | C | Populated if returned. | 10 | a/n |  |
| LQR88 | 26 | LD2 | C | Populated if returned. | 4 | a/n  a |  |
| LQR89 | 27 | LV2 | C | Populated if returned. | 10 | a/n |  |
| LQR90 | 28 | LD3 | C | Populated if returned. | 4 | a |  |
| LQR91 | 29 | LV3 | C | Populated if returned. | 10 | a/n |  |
| LQR92 | 31 | CITY | C | Populated if returned. | 32 | a/n |  |
| LQR93 | 32 | STATE | C | Populated if returned. | 2 | a |  |
| LQR94 | 33 | ZIP | C | Populated if returned. | 12 | a/n |  |
|  |  | **Response Section** |  |  |  |  |  |
| LQR95 | 139 | RESPC\* | O |  | 3 | n |  |
| LQR96 | 140 | RESPD\* | O |  | 80 | a/n |  |
| LQR97 | 141 | PRESPC\* | C | **Provider Response Code:** Indicates a predetermined response code.  Populated if returned. | 14 | a/n | 27 = Good  18 = Bad  70 = Mixed  81 = Informational |
| LQR98 | 142 | PRESPD\* | C | **Provider Response Description**: Indicates additional information about the response.  Populated if returned. | 1000 | a/n |  |