| Ref | 2Q14 POP 120 REF | Field Name | N/R/C/O | Negotiated Business Rules | Field Lengths | Field Characteristics | Valid Values |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | N = Not Req’d  R = Required  C = Conditional  O = Optional |  |  |  |  |
|  |  | **Address Validation Query (AVQ)** |  |  |  |  |  |
|  |  | **ADMINISTRATIVE SECTION** |  |  |  |  |  |
| AVQ1 | 1 | CCNA | O | Customer Carrier Name Abbreviation | 3 | a/n |  |
| AVQ2 |  | TPID | O | Trading Partner ID | 10 | a/n |  |
| AVQ3 | 3 | MSG\_TIMESTAMP | R |  | 17 | a/n | CCYYMMDDHHMinMin  Military Time |
| AVQ4 | 2 | TXNUM | R | Co-Provider generated and may be reused one month after initial inquiry. | 16 | a/n |  |
| AVQ5 | 4 | TXTYP | R |  | 1 | a | A = Address Validation |
| AVQ6 | 5 | TXACT | R |  | 1 | a | A = New Inquiry |
| AVQ7 | 7 | CC | R |  | 4 | a/n |  |
| AVQ8 | 6 | RVER | O | Release Version | 5 | a/n |  |
| AVQ9 | 32 | STATE | O |  | 2 | a |  |
|  |  | ADDRESS SECTION |  |  |  |  |  |
|  |  | **WTN SECTION** |  |  |  |  |  |
| AVQ10 | 40 | QR | O | Quantity Requested | 4 | n |  |
| AVQ11 | 52 | WTN | C | This field is required when address is not populated. | 15 | a/n |  |
|  |  | **SERVICE ADDRESSSECTION** |  |  |  |  |  |
| AVQ12 | 14 | CAI | O |  | 200 | a/n |  |
| AVQ13 | 15 | AFT | O |  | 1 | a/n | A = Rural Route or Route and Box number  B = Unnumbered  C = Provider assigned house number  D = Descriptive |
| AVQ14 | 16 | SAPR | O |  | 6 | a/n |  |
| AVQ15 | 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).  This field is required when SAPR or SASF are populated.  If the ROUTE is populated this field cannot be populated. | 10 | a/n |  |
| AVQ16 | 19 | SASF | C | 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). Valid only if SANO is populated.  For Information Only: 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). | 4 | a/n |  |
| AVQ17 | 20 | SASD | O |  | 2 | a | N = North  S = South  E = East  W = West  NE = Northeast  NW = Northwest  SE = Southeast  SW = Southwest |
| AVQ18 | 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 address searches.  This field is required when SASD, or SATH, or SASS are populated.  Required when searching by address. | 60 | a/n |  |
| AVQ19 | 22 | SATH | O |  | 10 | a/n |  |
| AVQ20 | 23 | SASS | O |  | 2 | a | N = North  S = South  E = East  W = West  NE = Northeast  NW = Northwest  SE = Southeast  SW = Southwest |
| AVQ21 | 24 | LD1 | C | Required when LV1 is populated, otherwise prohibited. | 4 | a | APT  LOT  RM  SLIP  UNIT  SUIT |
| AVQ22 | 25 | LV1 | C | Required when LD1 is populated, otherwise prohibited. | 10 | a/n |  |
| AVQ23 | 26 | LD2 | C | Required when LV2 is populated, otherwise prohibited. | 4 | a | FLR |
| AVQ24 | 27 | LV2 | C | Required when LD2 is populated, otherwise prohibited. | 10 | a/n |  |
| AVQ25 | 28 | LD3 | C | Required when LV3 is populated, otherwise prohibited. | 4 | a | BLDG  WNG  PIER |
| AVQ26 | 29 | LV3 | C | Required when LD3 is populated, otherwise prohibited. | 10 | a/n |  |
| AVQ27 | 30 | AAI | O |  | 60 | a/n |  |
| AVQ28 | 31 | CITY | C | Required if searching by address.  Either the full or abbreviated city name may be used on the address validation query. | 32 | a/n |  |
| AVQ29 | 32 | STATE | C | Required if searching by address. | 2 | a |  |
| AVQ30 | 33 | ZIP | C | Required if searching by address.  Optional if searching by TN. | 12 | a/n |  |
|  |  | **Address Validation Response (AVR)** |  |  |  |  |  |
|  |  | **ADMINISTRATIVE SECTION** |  |  |  |  |  |
| AVR1 | 1 | CCNA | O | Customer Carrier Name Abbreviation | 3 | a/n |  |
| AVR2 |  | TPID | O | Trading Partner ID | 10 | a/n |  |
| AVR3 | 3 | MSG\_TIMESTAMP | R |  | 17 | a/n | CCYYMMDDHHMinMin  Military Time |
| AVR4 | 2 | TXNUM | R |  | 16 | a/n | Echo from Query. |
|  |  |  |  |  |  |  |  |
| AVR5 | 4 | TXTYP | R |  | 1 | a | A = Address Validation |
| AVR6 | 5 | TXACT | R |  | 1 | a | A = New Inquiry |
| AVR7 | 7 | CC | R |  | 4 | a/n | Echo form Query. |
| AVR8 | 6 | RVER | O | Release Version | 5 | a/n |  |
| AVR9 | 32 | STATE | O |  | 2 | a |  |
|  |  | SERVICE ADDRESS INFORMATION |  |  |  |  |  |
| AVR10 | 35 | FTWP | N |  | 4 | a/n |  |
| AVR11 | 34 | LALOC | N |  | 35 | a/n |  |
|  |  | **SERVICE ADDRESS RANGE CAI\*, SANOR\*, and RANGEIND\* are only populated when available in a near or multiple match (PRESPC 5 or 70) response.** |  | Multiple match addresses may occur in the following situations: 1. Telephone numbers with Dual Service 2. While an address is being updated to Non-Working in the legacy system 3. If there are multiple addresses for a TN in a status of WORKING, PEND-OUT, or SUSPEND |  |  |  |
| AVR12 | 14 | CAI\* | O |  | 200 | a/n |  |
| AVR13 | 18 | SANOR\* | O | **Service Address Number Range:** near match addresses from lowest - highest | 17 | a/n | Format is "lowno-highno" |
|  |  | **SERVICE ADDRESS GROUP** |  |  |  |  |  |
| AVR14 | 16 | SAPR\* | O |  | 6 | a/n |  |
| AVR15 | 17 | SANO\* | O | If House # Range is returned on a “Near Match” Response, it must be populated within the range of the selected House # Range. | 10 | a/n |  |
| AVR16 | 19 | SASF\* | O |  | 4 | a/n |  |
| AVR17 | 20 | SASD\* | O |  | 2 | a | N = North  S = South  E = East  W = West  NE = Northeast  NW = Northwest  SE = Southeast  SW = Southwest |
| AVR18 | 21 | SASN\* | O |  | 60 | a/n |  |
| AVR19 | 22 | SATH\* | O |  | 10 | a/n |  |
| AVR20 | 23 | SASS\* | O |  | 2 | a | N = North  S = South  E = East  W = West  NE = Northeast  NW = Northwest  SE = Southeast  SW = Southwest |
| AVR21 | 24 | LD1\* | C | Required when LV1 is populated, otherwise prohibited. | 4 | a | APT  LOT  RM  SLIP  UNIT  SUIT |
| AVR22 | 25 | LV1\* | C | Required when LD1 is populated, otherwise prohibited. | 10 | a/n |  |
| AVR23 | 26 | LD2\* | C | Required when LV2 is populated, otherwise prohibited. | 4 | a | FLR |
| AVR24 | 27 | LV2\* | C | Required when LD2 is populated, otherwise prohibited. | 10 | a/n |  |
| AVR25 | 28 | LD3\* | C | Required when LV3 is populated, otherwise prohibited. | 4 | a | BLDG  WNG  PIER |
| AVR26 | 29 | LV3\* | C | Required when LD3 is populated, otherwise prohibited. | 10 | a/n |  |
| AVR27 | 30 | AAI | O |  | 60 | a/n |  |
| AVR28 | 31 | CITY\* | O |  | 32 | a/n |  |
| AVR29 | 32 | STATE\* | O |  | 2 | a |  |
| AVR30 | 33 | ZIP\* | O |  | 12 | a/n |  |
|  |  |  |  |  |  |  |  |
| AVR31 |  | RANGEIND\* | O | **Range Indicator:** States if address ranges are odd, even, both or unnumbered. | 1 | a | O = Odd  E = Even  B = Both  S = Unnumbered |
|  |  | ADDRESS INFORMATION |  |  |  |  |  |
| AVR32 | 36 | ALTADDNUM | O | **Alternate Addresses Number:** This field states the number of alternate addresses. | 2 | n |  |
| AVR33 | 53 | WSOPI | N |  | 1 | a | Y = Yes |
| AVR34 | 55 | FCI | N |  | 1 | a | N = No  Y = Yes |
| AVR35 | 56 | FSQ | N |  | 1 | a | A = Optical Network Terminal (ONT) must be installed  B = ONT present |
| AVR36 | 37 | DSIND | N |  | 1 | a | A = Dispatch required  B = Cut through facilities exist  C = Cut through facilities pending availability |
|  |  | ADDITIONAL ADDRESS INFORMATION |  |  |  |  |  |
|  |  | The following fields may repeat as a group. |  | This section will be provided for both address and TN responses. |  |  |  |
| AVR37 | 46 | NPA\_NXX\* | N |  | 6 | n |  |
| AVR38 | 60 | LST\* | N |  | 11 | a/n |  |
| AVR39 | 52 | WTN\* | C | This field is required when the section is present. | 15 | a/n |  |
| AVR40 | 64 | CS\* | N |  | 5 | a/n |  |
| AVR41 |  | WTNSTAT\* | C | **WTN Status:** The status of the WTN received for the exact match address returned.  This field is required when the section is present. | 8 | a/n | WORKING |
| AVR42 |  | LNAME\* | C | **Listed Name:** The name that will appear on the Directory Listings.  Value received on Exact Match.  This field is required when the section is present. | 100 | a/n |  |
| AVR43 |  | SAGMESS\* | C | **Street Address Guide Message:**  Field is populated when address is 'SAG Only'. SAG Only alerts you that facilities may not exist at the address and additional data is needed before submitting your service request. The SAGMESS field will indicate that this address is SAG only and additional information will be needed when submitting the LSR for this address. Please supply additional information, such as nearby working TN, when submitting your request. | 255 | a/n |  |
|  |  | RESPONSE SECTION This section can be used for any of the responses. If no match or error (PRESPC = 6), then the messages indicate errors. If PRESPC = 42, 5, or 6, then the messages are informational. |  |  |  |  |  |
| AVR44 | 139 | RESPC\* | O |  | 3 | n |  |
| AVR45 | 140 | RESPD\* | O |  | 80 | a/n |  |
| AVR46 | 141 | PRESPC\* | C | **Provider Response Code:** Indicates a predetermined response code. | 14 | a/n | 42 = Exact Match (applies to both Address & TN search)  6 = No Match or Error  5 = Near Match (applies only when the query is by Address)  70 = Multiple Match (applies only when the query is by TN) |
| AVR47 | 142 | PRESPD\* | C | **Provider Response Message:** Indicates additional information about the response | 1000 | a/n |  |
|  |  | ADDITIONAL ADDRESS SECTION This section contains informational messages. |  |  |  |  |  |
| AVR48 |  | DESCRIPTIVE | O | **Descriptive Address:** If address contains a phrase describing it, this field will contain the phrase. E.g., “White House” for 1600 Pennsylvania Ave. | 67 | a/n |  |
| AVR49 |  | ALTERNATE STREET | O | Any other street besides the one specified on the query. | 67 | a/n |  |
| AVR50 |  | PNARMK\* | O | **Primary Number Address Remarks:** Provides pertinent information to a basic address.  Provides instructions for entering address correctly (e.g., Use Loc, Apt #, or Ltr), status information (e.g., Stat non-work).  PNARMK field is returned even when the information requested in the remark is present in the query.  This field may repeat up to 5 times. | 80 | a/n |  |
| AVR51 |  | SLRMK | O | Provides instructions for using the DES (Description) FID on an order. | 100 | a/n |  |
|  |  | SWITCH INFORMATION SECTION This section contains network information. |  |  |  |  |  |
| AVR52 |  | SITEID | C | **Site Identification:** representation of the servicing wire center. This value is necessary for use in TN reservation Query. | 8 | a/n |  |
| AVR53 |  | TTA | C | **Traffic Terminating Area:** representation of the central office.  This value is necessary for use in TN reservations. | 15 | a/n |  |
| AVR54 | 45 | LSO\* | C | This value is necessary for use in Service Availability Query. | 6 | n | NPANXX of wire center |
| AVR55 |  | RATEZONE | C | **Rate Zone:** Specific geographical location used for determining rates  This field is required if this section is populated. | 5 | a/n |  |
| AVR56 |  | IN\_TOWN\_OR\_OUT\_OF\_TOWN | O | In Town or Out Of Town: Identifies if the end user address is inside or outside of the community boundary. | 5 | a | Blank  IN  OUT |
| AVR57 |  | SWTYP\* | C | **Switch Type:**  Provides the list of switch types for a multi-switch LSO. | 6 | a/n | 5ESS, DMS10, DMS100, ERICSO, 1AESS, 1ESS, 2BESS, 2ESS, 3ESS, 3XB, 5RSM, 5XB, ERICSS, RSS, SXS |
| AVR58 |  | SWIND | R | **Switch Indicator:**  This field indicates whether LSO has MULTI Switches or SINGLE Switch. | 11 | a/n | MULTI = Multiple switches available in LSO  SINGLE = Multiple switches not available in LSO  UNAVAILABLE= Could not get the Multi switches for the LSO, since backend systems down. |
| AVR59 | 57 | ONTPT | N |  | 3 | n |  |
| AVR60 | 58 | ONTPU | N |  | 3 | n |  |
| AVR61 | 59 | ONTPA | N |  | 3 | n |  |
| AVR62 | 155 | ATLST | N |  | 11 | a/n |  |

Legend: Rows will be displayed in pink when a complete row is deleted; rows will be displayed in blue when a complete row is added.

Track changes show when content is added or deleted.