



# **Version 9.30.30**

## **ADR/DTN PRE-ORDER INQUIRY**

### **Address Verification/Direct TN Reservation**

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**FRONTIER BUSINESS RULES**  
**Version: 9.30.30**

**ADR/DTN Pre-Order Inquiry**  
**Effective: 10/19/2025**

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| Fld Nbr | Field Name                   | Definition                                                                              | Data Char | Field Length | Valid Values Range of Values                                                                                                                                                              | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | R/O/P |
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| 002     | TXNUM – Transaction Number   | Identifies the customer provided tracking number to link the inquiry with the response. | AN        | 1-16         |                                                                                                                                                                                           | 1. If not populated, then return error: FTRAVQ100 TXNUM IS REQUIRED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R     |
| 003     | D/TSENT – Date/Time Sent     | Identifies the date and time the transaction is sent.                                   | N         | 14-14        | 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. If not populated, then return error: FTRAVQ001 DATE/TIME SENT IS REQUIRED<br><br>2. If populated and (dl not = 14 or dc ≠ numeric), then return error: FTRAVQ002 DATE/TIME SENT MUST BE 14 NUMERIC CHARACTERS<br><br>3. If populated and positions 5, 6 (MM) not = 01-12, then return error: FTRAVQ003 DATE/TIME SENT MONTH MUST BE 01-12<br><br>4. If populated and positions 7, 8 not = 01-31, then return error: FTRAVQ004 DATE/TIME SENT DAY MUST BE 01 – 31<br><br>5. If populated and positions 9,10 not = 00-23, then return error: FTRAVQ005 DATE/TIME SENT HOUR MUST BE 00-23<br><br>6. If populated and positions 11, 12 not = 00-59, then return error: FTRAVQ006 DATE/TIME SENT MINUTES MUST BE 00-59<br><br>7. If populated and position 13 and 14 not = 00-59, then return error: FTRAVQ008 DATE/TIME SENT SECOND MUST BE 00-59 | R     |
| 005     | TXACT – Transaction Activity | Identifies the transaction activity.                                                    | A         | 1-1          | A= New inquiry<br>E= Selection<br>T= Validation by Working Telephone Number<br>U=Return<br>X=Exchange                                                                                     | 1.If populated and vv is not A, T, and TXTYP = A, then return error: FTRAVQ029 TXACT MAY ONLY BE A, T FOR TXTYP=A<br><br>2.If populated and vv does not = E, U, X and TXTYP = B, return error FTRAVQ085 TXACT MAY ONLY BE E, U, X FOR TXTYP=B<br><br>Note:<br>1)TXACT Values A, T available with TXTYP=A Only<br>2)TXACT Values E, U, X available with TXTYP=B Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R     |
| 006     | CC - Company Code            | Identifies the exchange carrier initiating the transaction.                             | AN        | 1-4          |                                                                                                                                                                                           | 1. If not populated, then return error: FTRAVQ012 CC IS REQUIRED<br><br>2. If populated and dl does not equal 4, then return error: FTRAVQ013 CC MAY NOT EXCEED 4 CHARACTERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | R     |



| Fld Nbr | Field Name                     | Definition                                                                                    | Data Char                       | Field Length | Valid Values Range of Values                                                                                 | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | R/O/P |
|---------|--------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------|--------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 009a    | CTVAL – Cut Through Validation | Identifies a request to provide cut through information with this address validation request. | A                               | 1            | A=Address validation with cut through validation                                                             | 1. If populated and vv does not equal A, then return error: FTRAVQ015 CTVAL MAY ONLY BE A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | O     |
| 010     | TOS – Type of Service          | Identifies the type of service.                                                               | N<br>-                          | 4-4          | 1---: Business<br>11--: Business 2 Wire Analog Loop<br>2---: Residence<br>21--: Residence 2 Wire Analog Loop | 1.If populated and vv is not 1---, 11--, 2---, 21--, then return error: FTRAVQ016 TOS MAY ONLY BE 1---, 11--, 2--- OR 21--<br><br>2.If populated and CTVAL is not populated, return error FTRAVQ090 TOS IS PROHIBITED                                                                                                                                                                                                                                                                                                                                                                                                          | O     |
| 010a    | ROUTE - Route                  | Identifies the route number of the service address.                                           | AN<br>& ' * -<br># ( )<br>space | 1-6          |                                                                                                              | 1. If not populated and SASN and WTN are not populated, then return error: FTRAVQ017 ROUTE IS REQUIRED<br><br>2. If not populated and BOX is populated, then return error: FTRAVQ018 ROUTE IS REQUIRED<br><br>3. If populated and dl > 6, then return error: FTRAVQ019 ROUTE MAY NOT EXCEED 6 CHARACTERS<br><br>4. If populated and special character not = Ampersand, Apostrophe, Asterisk Hyphen, Space, Number Sign, Parentheses, then return error: FTRAVQ020 NOT A VALID SPECIAL CHARACTER FOR ROUTE<br><br>5. If populated and WTN is populated, then return error: FTRAVQ021 ROUTE IS NOT ALLOWED WHEN WTN IS POPULATED | O     |
| 010c    | BOX - Box Number               | Identifies the box number of the service address.                                             | AN<br>& ' * -<br># ( )<br>Space | 1-9          |                                                                                                              | 1. If populated and ROUTE is not populated, then return error: FTRAVQ022 BOX NOT ALLOWED WITHOUT ROUTE<br><br>2. If populated and dl > 9, then return error: FTRAVQ023 BOX MAY NOT EXCEED 9 CHARACTERS<br><br>3. If populated and special character not = Ampersand, Apostrophe, Asterisk, Hyphen, Space, Number Sign, Parentheses, then return error: FTRAVQ024 NOT A VALID SPECIAL CHARACTER FOR BOX<br><br>4. If not populated and ROUTE is populated, then return error: FTRAVQ025 BOX REQUIRED WHEN ROUTE IS POPULATED                                                                                                    | O     |



| Fld Nbr | Field Name                    | Definition                                                          | Data Char | Field Length | Valid Values Range of Values                                                                                              | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | R/O/P |
|---------|-------------------------------|---------------------------------------------------------------------|-----------|--------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 015     | AFT - Address Format Type     | Identifies the format of the address being supplied.                | A         | 1-1          | B=Unnumbered<br><br>C=Provider assigned house number<br><br>D=Descriptive<br><br>N=Normal physical service address number | 1. If not populated and WTN is not populated, then return error: FTRAVQ026 AFT IS REQUIRED<br><br>2. If populated and vv = B, D and SASN is not populated, then return error: FTRAVQ027 SASN IS REQUIRED WHEN AFT IS B, D<br><br>3. If populated and vv = B, D and SANO is populated, then return error: FTRAVQ028 SANO IS PROHIBITED WHEN AFT IS B, D<br><br>4. If populated and vv does not equal B, C, D, N then return error: FTRAVQ030 AFT MAY ONLY BE B, C, D, N<br><br>5. If populated and WTN is populated then return error: FTRAVQ031 AFT IS PROHIBITED | O     |
| 016     | SAPR – Service Address Prefix | Identifies the prefix for the address number of the service address | AN        | 1-6          |                                                                                                                           | 1.If populated and SASN is not populated, return error FTRAVQ105 SAPR PROHIBITED WHEN SASN IS NOT POPULATED.<br><br>2.If populated and dl >6, return error FTRAVQ106 SAPR MUST BE 1-6 ALPHA NUMERIC<br><br>Note:<br>Where 25W is the address number prefix for the following address example: 25W 450 1/2 SW Camino Ramon Lane NW, Building 2, Floor 12, Suite 23A                                                                                                                                                                                                | O     |
| 017     | SANO – Service Address Number | Identifies the number of the service address.                       | AN -      | 1-10         |                                                                                                                           | 1. If not populated and AFT = C, N, then return error: FTRAVQ032 SANO IS REQUIRED<br><br>2. If populated and AFT = B, D then return error: FTRAVQ033 SANO IS PROHIBITED<br><br>3. If populated and dl > 10, then return error: FTRAVQ034 SANO MAY NOT EXCEED 10 CHARACTERS<br><br>4. If populated and special character not = Hyphen, then return error: FTRAVQ035 NOT A VALID SPECIAL CHARACTER FOR SANO<br><br>5. If populated and TXTYP = A and TXACT = T then return error: FTRAVQ036 SANO IS PROHIBITED WITH THIS TXTYP/TXACT COMBINATION                    | O     |



| Fld Nbr | Field Name                                       | Definition                                                           | Data Char              | Field Length | Valid Values Range of Values                                                                                                         | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R/O/P |
|---------|--------------------------------------------------|----------------------------------------------------------------------|------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|         |                                                  |                                                                      |                        |              |                                                                                                                                      | <p>6. If populated and SASN and (ROUTE and BOX) are not populated then return error: FTRAVQ037 SANO IS PROHIBITED</p> <p>7. If populated and special character= hyphen not followed by numeric then return error: FTRAVQ038 A HYPHEN MUST BE FOLLOWED BY A NUMERIC FOR SANO</p>                                                                                                                                                                                                                                                                 |       |
| 019     | SASF - Service Address Number Suffix             | Identifies the suffix for the address number of the service address. | AN /                   | 1-4          |                                                                                                                                      | <p>1. If populated and SANO is not populated, then return error: FTRAVQ039 SASF IS PROHIBITED</p> <p>2. If populated and special character not =, Virgule, then return error: FTRAVQ040 NOT A VALID SPECIAL CHARACTER FOR SASF</p> <p>3. If populated and special character = virgule and not preceded and followed by numeric, then return error: FTRAVQ041 VIRGULE MUST BE PRECEDED AND FOLLOWED BY NUMERIC CHARACTER FOR SASF</p> <p>4. If populated and dl &gt; 4 then return error: FTRAVQ042 SASF MAY NOT EXCEED 4 CHARACTERS</p>         | O     |
| 020     | SASD - Service Address Street Directional Prefix | Identifies the street directional prefix for the service address.    | A                      | 1-2          | <p>E = East<br/>W = West<br/>N = North<br/>S = South<br/>NE = Northeast<br/>NW = Northwest<br/>SE = Southeast<br/>SW = Southwest</p> | <p>1. If populated and SASN is not populated, then return error: FTRAVQ043 SASD IS PROHIBITED</p> <p>2. If populated and vv not = E, W, N, S, NE, NW, SE, SW, then return error: FTRAVQ044 SASD VALID VALUE = E, N, S, W, NE, NW, SE, SW ENTRY</p>                                                                                                                                                                                                                                                                                              | O     |
| 021     | SASN - Service Address Street Name               | Identifies the street name of the service address                    | AN & ' * - # ( ) Space | 1-50         |                                                                                                                                      | <p>1. If not populated and AFT=B,C,D, N, then return error: FTRAVQ045 SASN IS REQUIRED WHEN AFT EQUALS B,C,D, N</p> <p>2. If not populated and WTN and ROUTE and BOX are not populated then return error: FTRAVQ046 SASN IS REQUIRED</p> <p>3. If populated and dl &gt; 50, then return error: FTRAVQ047 SASN MAY NOT EXCEED 50 CHARACTERS</p> <p>4. If populated and special character not = Ampersand, Apostrophe, Asterisk, Hyphen, Space, Number Sign, Parentheses, then return error: FTRAVQ048 NOT A VALID SPECIAL CHARACTER FOR SASN</p> | O     |



| Fld Nbr | Field Name                                       | Definition                                                                         | Data Char                           | Field Length | Valid Values Range of Values                                                                                           | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R/O/P |
|---------|--------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------|--------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 022     | SATH - Service Address Street Type               | Identifies the thoroughfare portion of the street name of the service address.     | AN                                  | 2-7          | See Separate Table for SATH Values (that are State specific in some cases)                                             | 1. If populated and SASN is not populated, then return error: FTRAVQ049 SATH IS PROHIBITED<br><br>2. If populated and vv not = entry in attached table, then return error: FTRAVQ050 SATH IS INVALID                                                                                                                                                                                                                                                                                                                                                                                      | O     |
| 023     | SASS - Service Address Street Directional Suffix | Identifies the street directional suffix for the service address                   | A                                   | 1-2          | E = East<br>W = West<br>N = North<br>S = South<br>NE = Northeast<br>NW = Northwest<br>SE = Southeast<br>SW = Southwest | 1. If populated and SASN is not populated, then return error: FTRAVQ051 SASS IS PROHIBITED<br><br>2. If populated and vv not = E, W, N, S, NE, NW, SE, SW, then return error: FTRAVQ052 SASS VALID VALUE = E, N, S, W, NE, NW, SE, SW                                                                                                                                                                                                                                                                                                                                                     | O     |
| 024     | LD1 - Service Address Location Designator 1      | Identifies additional specific information related to the address.                 | A                                   | 4-4          | BLDG (Building)<br>PIER (Pier)<br>WNG (Wing)                                                                           | 1. If populated and SASN is not populated, then return error: FTRAVQ053 LD1 IS PROHIBITED<br><br>2. If populated and vv not = BLDG, WNG, PIER, then return error: FTRAVQ054 LD1 VALID VALUE = BLDG, PIER, WNG                                                                                                                                                                                                                                                                                                                                                                             | O     |
| 025     | LV1 - Service Address Location Value 1           | Identifies the value associated with the first location designator of the address. | AN<br>Hyphen<br>space<br>apostrophe | 1-10         |                                                                                                                        | 1. If populated and LD1 is not populated, then return error: FTRAVQ055 LV1 IS PROHIBITED<br><br>2. If populated and special character not = Apostrophe, Hyphen, Space and LD1 = BLDG, then return error: FTRAVQ056 LV1 HAS INVALID CHARACTERS<br><br>3. If populated and dl > 10, then return error: FTRAVQ057 LV1 MAY NOT EXCEED 10 CHARACTERS<br><br>4. If populated and special character not = Hyphen, Space and LD1 = WNG, PIER, then return error FTRAVQ058 LV1 HAS INVALID CHARACTERS<br><br>5. If not populated and LD1 is populated, then return error FTRAVQ059 LV1 IS REQUIRED | O     |
| 026     | LD2 - Service Address Location Designator 2      | Identifies additional specific information related to the address.                 | A                                   | 2-2          | FL (Floor)                                                                                                             | 1. If populated and SASN is not populated, then return error: FTRAVQ060 LD2 IS PROHIBITED<br><br>2. If populated and vv not = FL, then return error: FTRAVQ061 LD2 VALID VALUE = FL                                                                                                                                                                                                                                                                                                                                                                                                       | O     |
| 027     | LV2 - Service Address                            | Identifies the value associated with the second                                    | AN                                  | 1-10         | Main, Attic, Penthouse, Townhouse, Ground,                                                                             | 1. If populated and LD2 is not populated, then return error: FTRAVQ062 LV2 IS PROHIBITED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | O     |



| Fld Nbr | Field Name                                  | Definition                                                                         | Data Char              | Field Length | Valid Values Range of Values                                                                                                                                                                                                                            | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R/O/P |
|---------|---------------------------------------------|------------------------------------------------------------------------------------|------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|         | Location Value 2                            | location designator of the address.                                                | - space                |              | Basement, UpperLevel, LowerLevel, Mezzanine, Terrace, Bottom, Rear Left, Rear Right, Front Left, FrontRight, Middle, Left Rear, Right Rear, Left Front, RightFront, Garden, Garage, Superinten, Store, Walk-In, Lobby, (1-999), LBBY, FRONT, SIDE, STOP | <p>2. If populated and dl &gt; 10, then return error: FTRAVQ063 LV2 MAY NOT EXCEED 10 CHARACTERS</p> <p>3. If not populated and LD2 is populated, then return error FTRAVQ064 LV2 IS REQUIRED</p> <p>4. If populated and vv not = Main, Attic, Penthouse, Townhouse, Ground, Basement, UpperLevel, LowerLevel, Mezzanine, Terrace, Bottom, Rear Left, Rear Right, Front Left, FrontRight, Middle, Left Rear, Right Rear, Left Front, RightFront, Garden, Garage, Superinten, Store, Walk-In, Lobby, (1-999), LBBY, FRONT, SIDE, STOP, then return error: FTRAVQ065 LV2 IS INVALID</p> <p>5. If populated and special character not = Hyphen, Space, then return error: FTRAVQ066 LV2 HAS INVALID CHARACTERS</p> |       |
| 028     | LD3 - Service Address Location Designator 3 | Identifies additional specific information related to the address.                 | A                      | 2-4          | APT (Apartment)<br>SUITE (Suite)<br>RM (Room)<br>LOT (Lot)<br>UNIT (Unit)<br>SLIP, SPC, OFC, DEPT, STE, PH                                                                                                                                              | <p>1. If populated and SASN is not populated, then return error: FTRAVQ067 LD3 IS PROHIBITED</p> <p>2. If populated and vv does not = APT, SUITE, RM, LOT, SLIP, UNIT, SPC, OFC, DEPT, STE, PH then return error: FTRAVQ068 LD3 VALID VALUE = APT, SUITE, RM, LOT, SLIP, UNIT, SPC, OFC, DEPT, STE, PH</p>                                                                                                                                                                                                                                                                                                                                                                                                      | O     |
| 029     | LV3 - Service Address Location Value 3      | Identifies the value associated with the third location designator of the address. | AN Hyphen Space        | 1-10         |                                                                                                                                                                                                                                                         | <p>1.If populated and LD3 is not populated, then return error: FTRAVQ069 LV3 IS PROHIBITED</p> <p>2. If populated and dl &gt; 10, then return error: FTRAVQ070 LV3 MAY NOT EXCEED 10 CHARACTERS</p> <p>3. If populated and special character not = Hyphen, Space, then return error: FTRAVQ071 LV3 HAS INVALID CHARACTERS</p> <p>4. If not populated and LD3 is populated, then return error: FTRAVQ072 LV3 IS REQUIRED</p>                                                                                                                                                                                                                                                                                     | O     |
| 031     | CITY - City                                 | Identifies the city, village or township, etc.                                     | AN & ' * - ( ) # Space | 1-32         |                                                                                                                                                                                                                                                         | <p>1. If not populated and SASN or (ROUTE and BOX) are populated then return error: FTRAVQ073 CITY IS REQUIRED</p> <p>2. If populated and SASN and ROUTE and BOX are not populated, then return error: FTRAVQ074 CITY IS PROHIBITED</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | O     |



| Fld Nbr | Field Name                     | Definition                                                                       | Data Char | Field Length | Valid Values Range of Values                                                                       | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                                                       | R/O/P |
|---------|--------------------------------|----------------------------------------------------------------------------------|-----------|--------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
|         |                                |                                                                                  |           |              |                                                                                                    | <p>3. If populated and dl &gt; 32, then return error: FTRAVQ075 CITY MAY NOT EXCEED 32 CHARACTERS</p> <p>4. If populated and special character not = Ampersand ,Apostrophe, Asterisk, Hyphen, Space Number Sign, Parentheses, then return error: FTRAVQ076 NOT A VALID SPECIAL CHARACTER FOR CITY</p>                                                                                                  |       |
| 032     | STATE - State                  | Identifies the abbreviation for the state or province                            | A         | 2-2          | AL, AZ, CA, CT, FL, GA, IA, IL, IN, MI, MN, MS, NC, NE, NM, NV, NY, OH, PA, SC, TN, TX, UT, WI, WV | <p>1.If populated and vv does not = AL, AZ, CA, CT, FL, GA, IA, IL, IN, MI, MN, MS, NC, NE, NM, NV, NY, OH, PA, SC, TN, TX, UT, WI, WV then return error: FTRAVQ077 NOT A VALID STATE FOR FRONTIER</p> <p>2. If not populated, then return error: FTRAVQ078 STATE IS REQUIRED</p> <p>3.If populated and vv not = capital letters, then return error: FTRAVQ079 STATE FIELD MUST BE CAPITAL LETTERS</p> | R     |
| 033     | ZIP - Zip/Postal Code          | Identifies the ZIP code, ZIP code + extension or postal code.                    | AN -      | 5-12         |                                                                                                    | <p>1. If populated and SASN and (ROUTE and BOX) are not populated, then return error: FTRAVQ080 ZIP CODE IS PROHIBITED</p> <p>2. If populated and (dl &lt; 5 or &gt; 12), then return error: FTRAVQ081 ZIP MAY ONLY BE 5-12 CHARACTERS</p> <p>4. If populated and special character does not equal hyphen, then return error: FTRAVQ082 ONLY SPECIAL CHARACTER ALLOWED IN ZIP IS HYPHEN</p>            | O     |
| 40      | QR – Quantity Requested        | Identifies the quantity of telephone numbers or loops requested in this inquiry. | N         | 1            | 1,2,3,4,5                                                                                          | <p>1. If not populated and (EXPIND = D or EXPIND is blank) and TXTYP = B and TXACT = E, then return error: FTRAVQ083 QR IS REQUIRED</p> <p>2. If populated and vv does not equal 1, 2, 3, 4, 5, then return error: FTRAVQ084 QUANTITY OF NUMBERS REQUESTED MUST BE 1, 2, 3, 4, 5</p>                                                                                                                   | O     |
| 041     | TNTYPE – Telephone Number Type | Indicates the type of telephone number requested in this inquiry.                | AN        | 1-12         | D=Specific Number<br>N=New Random Number<br>S=Sequential Numbers<br>G=Good (Easy to Remember)      | <p>1. If not populated and (EXPIND = D or EXPIND is blank) and (TXTYP = B and TXACT = E, X) then return error: FTRAVQ086 TNTYPE IS REQUIRED</p> <p>2.If populated and vv does not = D, N, S, G, return error FTRAVQ088 TNTYPE VALID VALUES = D, N, S, G</p>                                                                                                                                            | O     |



| Fld Nbr | Field Name                        | Definition                                                                                               | Data Char | Field Length | Valid Values Range of Values | Conditional Business Rules/Edits                                                                                                                                                                                                                                                                                                                                   | R/O/P |
|---------|-----------------------------------|----------------------------------------------------------------------------------------------------------|-----------|--------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| 042     | REQNUM - Requested Number         | Indicates the NPA/NXX, telephone number(s) or range of telephone numbers requested.                      | N         | 10-10        |                              | 1.If not populated and (EXPIND = D or EXPIND is blank) and TXTYP = B and TXACT = U, X, then return error: FTRAVQ089 REQNUM IS REQUIRED<br><br>2. If populated and dl is not equals 10, then return error: FTRAVQ091 REQNUM SHOULD BE 10 CHARACTERS<br><br>3. If populated and dc does not equal numeric, then return error: FTRAVQ092 REQNUM MAY ONLY BE NUMERIC   | O     |
| 048     | NPA/NXX – NPA/NXX                 | Identifies a specific NPA/NXX within the local serving office.                                           | AN        | 6-6          |                              | 1. If populated and dl does not equal 6, then return error: FTRAVQ094 NPANXX MUST BE 6 CHARACTERS                                                                                                                                                                                                                                                                  | O     |
| 056     | WTN – Working Telephone Number    | Identifies the working telephone number at the end user's location.                                      | N         | 10-10        |                              | 1. If not populated and TXACT = T, then return error: FTRAVQ095 WTN IS REQUIRED WHEN TXACT IS T<br><br>2. If not populated and SASN and (ROUTE and BOX) are not populated, then return error: FTRAVQ096 WTN IS REQUIRED<br><br>3. If populated and (dl does not equal 10) or (dc does not equal numeric), then return error: FTRAVQ097 WTN MAY ONLY BE 10 NUMERICS | O     |
| 060a    | EXPIND – Expand Options Indicator | Indicates whether using conv or dir version of trans. Direct ver utilizes only one inquiry and response. | A         | 1            | D=Direct (5 TNs or Less)     | 1.If populated and vv does not = D, return error FTRAVQ098 EXPIND MAY ONLY BE D                                                                                                                                                                                                                                                                                    | O     |

## APPENDIX A: ERROR MESSAGE TABLE

| Error Message Number | Error Message Text                              |
|----------------------|-------------------------------------------------|
| FTRAVQ001            | DATE/TIME SENT IS REQUIRED                      |
| FTRAVQ002            | DATE/TIME SENT MUST BE 14 NUMERIC CHARACTERS    |
| FTRAVQ003            | DATE/TIME SENT MONTH MUST BE 01-12              |
| FTRAVQ004            | DATE/TIME SENT DAY MUST BE 01-31                |
| FTRAVQ005            | DATE/TIME SENT HOUR MUST BE 00-23               |
| FTRAVQ006            | DATE/TIME SENT MINUTES MUST BE 00-59            |
| FTRAVQ007            | DATE/TIME SENT MUST BE NUMERIC IN POSITION 1-12 |
| FTRAVQ008            | DATE/TIME SENT SECOND MUST BE 00-59             |
| FTRAVQ009            | TXTYP MAY ONLY BE A, B FOR THIS TRANSACTION     |
| FTRAVQ010            | TXACT IS REQUIRED                               |
| FTRAVQ011            |                                                 |

**FRONTIER BUSINESS RULES****Version: 9.30.30****ADR/DTN Pre-Order Inquiry****Effective: 10/19/2025**

| Error Message Number | Error Message Text                                                  |
|----------------------|---------------------------------------------------------------------|
| FTRAVQ012            | CC IS REQUIRED                                                      |
| FTRAVQ013            | CC MAY NOT EXCEED 4 CHARACTERS                                      |
| FTRAVQ014            |                                                                     |
| FTRAVQ015            | CTVAL MAY ONLY BE A                                                 |
| FTRAVQ016            | TOS MAY ONLY BE 1---, 11--, 2--- OR 21--                            |
| FTRAVQ017            | ROUTE IS REQUIRED                                                   |
| FTRAVQ018            | ROUTE IS REQUIRED                                                   |
| FTRAVQ019            | ROUTE MAY NOT EXCEED 6 CHARACTERS                                   |
| FTRAVQ020            | NOT A VALID SPECIAL CHARACTER FOR ROUTE                             |
| FTRAVQ021            | ROUTE IS NOT ALLOWED WHEN WTN IS POPULATED                          |
| FTRAVQ022            | BOX NOT ALLOWED WITHOUT ROUTE                                       |
| FTRAVQ023            | BOX MAY NOT EXCEED 9 CHARACTERS                                     |
| FTRAVQ024            | NOT A VALID SPECIAL CHARACTER FOR BOX                               |
| FTRAVQ025            | BOX REQUIRED WHEN ROUTE IS POPULATED                                |
| FTRAVQ026            | AFT IS REQUIRED                                                     |
| FTRAVQ027            | SASN IS REQUIRED WHEN AFT IS B, D                                   |
| FTRAVQ028            | SANO IS PROHIBITED WHEN AFT IS B, D                                 |
| FTRAVQ029            | TXACT MAY ONLY BE A, T FOR TXTYP=A                                  |
| FTRAVQ030            | AFT MAY ONLY BE B, C, D, N                                          |
| FTRAVQ031            | AFT IS PROHIBITED                                                   |
| FTRAVQ032            | SANO IS REQUIRED                                                    |
| FTRAVQ033            | SANO IS PROHIBITED                                                  |
| FTRAVQ034            | SANO MAY NOT EXCEED 10 CHARACTERS                                   |
| FTRAVQ035            | NOT A VALID SPECIAL CHARACTER FOR SANO                              |
| FTRAVQ036            | SANO IS PROHIBITED WITH THIS TXTYP/TXACT COMBINATION                |
| FTRAVQ037            | SANO IS PROHIBITED                                                  |
| FTRAVQ038            | HYPHEN MUST BE FOLLOWED BY A NUMERIC FOR SANO                       |
| FTRAVQ039            | SASF IS PROHIBITED                                                  |
| FTRAVQ040            | NOT A VALID SPECIAL CHARACTER FOR SASF                              |
| FTRAVQ041            | VIRGULE MUST BE PRECEDED AND FOLLOWED BY NUMERIC CHARACTER FOR SASF |
| FTRAVQ042            | SASF MAY NOT EXCEED 4 CHARACTERS                                    |
| FTRAVQ043            | SASD IS PROHIBITED                                                  |
| FTRAVQ044            | SASD VALID VALUE = E, N, S, W, NE, NW, SE, SW                       |
| FTRAVQ045            | SASN IS REQUIRED WHEN AFT EQUALS B,C,D, N                           |
| FTRAVQ046            | SASN IS REQUIRED                                                    |
| FTRAVQ047            | SASN MAY NOT EXCEED 50 CHARACTERS                                   |
| FTRAVQ048            | NOT A VALID SPECIAL CHARACTER FOR SASN                              |
| FTRAVQ049            | SATH IS PROHIBITED                                                  |
| FTRAVQ050            | SATH IS INVALID                                                     |
| FTRAVQ051            | SASS IS PROHIBITED                                                  |
| FTRAVQ052            | SASS VALID VALUE = E, N, S, W, NE, NW, SE, SW                       |
| FTRAVQ053            | LD1 IS PROHIBITED                                                   |



| Error Message Number | Error Message Text                                                        |
|----------------------|---------------------------------------------------------------------------|
| FTRAVQ054            | LD1 VALID VALUES = BLDG, PIER, WNG                                        |
| FTRAVQ055            | LV1 PROHIBITED                                                            |
| FTRAVQ056            | LV1 HAS INVALID CHARACTERS                                                |
| FTRAVQ057            | LV1 MAY NOT EXCEED 10 CHARACTERS                                          |
| FTRAVQ058            | LV1 HAS INVALID CHARACTERS                                                |
| FTRAVQ059            | LV1 IS REQUIRED                                                           |
| FTRAVQ060            | LD2 IS PROHIBITED                                                         |
| FTRAVQ061            | LD2 VALID VALUE = FL                                                      |
| FTRAVQ062            | LV2 IS PROHIBITED                                                         |
| FTRAVQ063            | LV2 MAY NOT EXCEED 10 CHARACTERS                                          |
| FTRAVQ064            | LV2 IS REQUIRED                                                           |
| FTRAVQ065            | LV2 VALUE IS INVALID                                                      |
| FTRAVQ066            | LV2 HAS INVALID CHARACTERS                                                |
| FTRAVQ067            | LD3 IS PROHIBITED                                                         |
| FTRAVQ068            | LD3 VALID VALUE = APT, SUIT, RM, LOT, SLIP, UNIT, SPC, OFC, DEPT, STE, PH |
| FTRAVQ069            | LV3 IS PROHIBITED                                                         |
| FTRAVQ070            | LV3 MAY NOT EXCEED 10 CHARACTERS                                          |
| FTRAVQ071            | LV3 HAS INVALID CHARACTERS                                                |
| FTRAVQ072            | LV3 IS REQUIRED                                                           |
| FTRAVQ073            | CITY IS REQUIRED                                                          |
| FTRAVQ074            | CITY IS PROHIBITED                                                        |
| FTRAVQ075            | CITY MAY NOT EXCEED 32 CHARACTERS                                         |
| FTRAVQ076            | NOT A VALID SPECIAL CHARACTER FOR CITY                                    |
| FTRAVQ077            | NOT A VALID STATE FOR FRONTIER                                            |
| FTRAVQ078            | STATE IS REQUIRED                                                         |
| FTRAVQ079            | STATE FIELD MUST BE CAPITAL LETTERS                                       |
| FTRAVQ080            | ZIP CODE IS PROHIBITED                                                    |
| FTRAVQ081            | ZIP MAY ONLY BE 5-12 CHARACTERS                                           |
| FTRAVQ082            | ONLY SPECIAL CHARACTER ALLOWED IN ZIP IS HYPHEN                           |
| FTRAVQ083            | QR IS REQUIRED                                                            |
| FTRAVQ084            | QUANTITY OF NUMBERS REQUESTED MUST BE 1, 2, 3, 4, 5                       |
| FTRAVQ085            | TXACT MUST = E, U, X FOR TXTYP=B                                          |
| FTRAVQ086            | TNTYPE IS REQUIRED                                                        |
| FTRAVQ087            |                                                                           |
| FTRAVQ088            | TNTYPE VALID VALUES = D, N, S, G                                          |
| FTRAVQ089            | REQNUM IS REQUIRED                                                        |
| FTRAVQ090            | TOS IS PROHIBITED                                                         |
| FTRAVQ091            | REQNUM SHOULD BE 10 CHARACTERS                                            |
| FTRAVQ092            | REQNUM MAY ONLY BE NUMERIC                                                |
| FTRAVQ093            |                                                                           |
| FTRAVQ094            | NPANXX MUST BE 6 CHARACTERS                                               |
| FTRAVQ095            | WTN IS REQUIRED WHEN TXACT IS T                                           |



| Error Message Number | Error Message Text                         |
|----------------------|--------------------------------------------|
| FTRAVQ096            | WTN IS REQUIRED                            |
| FTRAVQ097            | WTN MAY ONLY BE 10 NUMERICS                |
| FTRAVQ098            | EXPIND MAY ONLY BE D                       |
| FTRAVQ099            | TXTYP IS REQUIRED                          |
| FTRAVQ100            | TXNUM IS REQUIRED                          |
| FTRAVQ101            | RESID IS PROHIBITED                        |
| FTRAVQ102            |                                            |
| FTRAVQ103            |                                            |
| FTRAVQ104            |                                            |
| FTRAVQ105            | SAPR PROHIBITED WHEN SASN IS NOT POPULATED |
| FTRAVQ106            | SAPR MUST BE 1-6 ALPHA NUMERIC             |

## APPENDIX B - CHANGE CONTROL LOG

| DATE       | FIELD | REVISION NUMBER       | CHANGE                    |
|------------|-------|-----------------------|---------------------------|
| 03/21/2023 | All   | June 2023 Release     | Update version to 9.30.26 |
| 7/13/2024  | All   | October 2024 Release  | Update version to 9.30.28 |
| 11/27/2024 | All   | February 2025 Release | Update version to 9.30.29 |
| 07/29/2025 | All   | October 2025 Release  | Update version to 9.30.30 |
|            |       |                       |                           |