



FRONTIER 9.18.0
x-DSL Loop Qualification(LXR/LXE)
PRE-ORDER INQUIRY
VER 1.0

**FRONTIER BUSINESS RULES
FTR 9.18.0**

4/15/2010

Field Number	Field Name	Mapping Rule	Data Char	Field Length	Valid Values Range of Values	Conditional Business Rules/Edits	R/O/P
002	TXNUM	SYSTEM GENERATED	AN	1-16		1. If not populated return error FTRLXRE001 TXNUM IS REQUIRED	R
003	D/TSENT	SYSTEM GENERATED	A.N	14-14	Two Digit Century (00-99) Two Digit Year (00-99) Two Digit Month (01-12) Two Digit Day (01-31) Two Digit hour (01-12) Two Digit Minute (00-59) Two Digit Second AM or PM	1. If not populated return error FTRLXRE002 D/TSENT IS REQUIRED 2. If populated and dl ≠ 14, then return error: FTRLXRE076 DATE/TIME SENT MUST BE 14 CHARACTERS 3. If populated and positions 5, 6 (MM) ≠ 01-12, then return error: FTRLXRE077 DATE/TIME SENT MONTH MUST BE 01-12 4. If populated and positions 7, 8 ≠ 01-31, then return error: FTRLXRE078 DATE/TIME SENT DAY MUST BE 01 – 31 5. If populated and positions 9,10 ≠ 01-12, then return error: FTRLXRE079 DATE/TIME SENT HOUR MUST BE 01-12 6. If populated and positions 11, 12 ≠ 00-59, then return error: FTRLXRE080 DATE/TIME SENT MINUTES MUST BE 00-59 7. If populated and dc ≠ numeric in positions 1 through 12, then return error: FTRLXRE081 DATE/TIME SENT	R

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						MUST BE NUMERIC IN POSITION 1-12 8. If populated and position 13 and 14 ≠ to AM or PM, then return error: FTRLXRE082 AM OR PM REQUIRED IN POSITIONS 13 AND 14 ON D/TSENT	
005	TXACT		A	1-1	A (New Inquiry)	1. If not populated return error message FTRLXRE005 TXACT IS REQUIRED 2. If populated and vv is not A return error message FTRLXRE006 TXACT MAY ONLY BE A FOR THIS TRANSACTION	R
006	CC		A.N	1-4		1. If not populated return error message FTRLXRE007 CC IS REQUIRED 2. If populated and dl > 4 return error message FTRLXRE008 CC MAY NOT EXCEED 4 CHARACTERS	R
010b	ROUTE - Route		A/N Ampersand, Apostrophe, Asterisk, Hyphen, Number Sign, Parentheses, Space	1-6		1. If not populated and SASN and WTN are not populated return error message FTRLXRE009 ROUTE IS REQUIRED 2. If not populated and BOX is populated return error message FTRLXRE010 ROUTE IS REQUIRED 3. If populated and dl > 6, then return error: FTRLXRE011 ROUTE MAY NOT EXCEED 6 CHARACTERS 4. If populated and special character ≠ Ampersand, Apostrophe, Asterisk Hyphen, Space, Number Sign,	O

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						<p>Parentheses, then return error: FTRLXRE012 NOT A VALID SPECIAL CHARACTER FOR ROUTE</p> <p>5. If populated and WTN is populated return error message FTRLXRE013 ROUTE IS NOT ALLOWED WHEN WTN IS POPULATED</p>	
010c	BOX - Box Number		A/N Special Characters: Ampersand, Apostrophe, Asterisk, Hyphen, Number Sign, Parentheses, Space	1-9		<p>1. If populated and ROUTE is not populated, then return error: FTRLXRE014 BOX NOT ALLOWED WITHOUT ROUTE</p> <p>2. If populated and dl > 9, then return error: FTRLXRE015 BOX MAY NOT EXCEED 9 CHARACTERS</p> <p>3. If populated and special character ≠ Ampersand, Apostrophe, Asterisk, Hyphen, Space, Number Sign, Parentheses, then return error: FTRLXRE016 NOT A VALID SPECIAL CHARACTER FOR BOX</p> <p>4. If not populated and ROUTE is populated, then return error: FTRLXRE017 BOX REQUIRED WHEN ROUTE IS POPULATED</p>	O
011	RESID- Response Identifier		A/N	1-17	Identifies the response number assigned by FRONTIER to relate subsequent activity	1. If populated and TXTYP does not =K the return error: FTRLXRE018 RESID NOT ALLOWED UNLESS TXTYP = K	O
015	AFT - Address Format Type		A	1-1	B, C, D, N	1. If not populated and WTN is not populated return error message FTRLXRE019 AFT IS REQUIRED	O

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						2. If populated and vv = B, D and SASN is not populated return error message FTRLXRE020 SASN IS REQUIRED WHEN AFT IS B OR D 3. If populated and vv = B, D and SANO is populated return error message FTRLXRE021 SANO IS PROHIBITED WHEN AFT IS B OR D 4. If populated and vv = C, N and SANO is not populated return error message FTRLXRE022 SANO IS REQUIRED WHEN AFT IS C OR N 5. If populated and vv is not B, C, D, N return error message FPLXRE023 AFT MAY ONLY BE B, C, D OR N 6. If populated and WTN is populated return error message FTRLXRE083 AFT IS PROHIBITED	
017	SANO		A/N Special Characters: Hyphen,	1-10		1. If not populated and AFT = C, N, then return error: FTRLXRE024 SANO IS REQUIRED 2. If populated and AFT = B, D then return error: FTRLXRE025 SANO IS PROHIBITED 3. If populated and dl > 10, then return error: FTRLXRE026 SANO MAY NOT EXCEED 10 CHARACTERS 4. If populated and special character ≠ Hyphen, then return error: FTRLXRE027 NOT A VALID SPECIAL CHARACTER	O

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						<p>5. If populated and TXTYP = A and TXACT = T return error message FTRLXRE028 SANO IS PROHIBITED WITH THIS TXTYP/TXACT COMBINATION</p> <p>6. If populated and SASN or (ROUTE and BOX) are not populated return error message FTRLXRE029 SANO IS PROHIBITED</p> <p>7.If populated and vv=hyphen not followed by numeric return error message FTRLXRE084 WHEN A HYPHEN APPEARS IT MUST BE FOLLOWED BY A NUMERIC.</p>	
019	SASF - Service Address Number Suffix		A/N Special Characters: Virgule	1-4		<p>1. If populated and SANO is not populated, then return error: FTRLXRE030 SASF IS PROHIBITED</p> <p>2. If populated and special character ≠, Virgule, then return error: FTRLXRE031 NOT A VALID SPECIAL CHARACTER</p> <p>3. If populated and special character = virgule and not preceded and followed by numeric, then return error: FTRLXRE032 WHEN VIRGULE USED IT MUST BE PRECEDED AND FOLLOWED BY NUMERIC CHARACTER</p> <p>4. If populated and dl > 4 return error message FTRLXRE033 SASF MAY NOT EXCEED 4 CHARACTERS</p>	O
020	SASD - Service		A	1-2	E = East	1. If populated and SASN is not	O

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	Address Street Directional Prefix				W = West N = North S = South NE = Northeast NW = Northwest SE = Southeast SW = Southwest	populated, then return error: FTRLXRE034 SASD IS PROHIBITED 2. If populated and vv ≠ E, W, N, S, NE, NW, SE, SW, then return error: FTRLXRE035 NOT A VALID SASD ENTRY	
021	SASN - Service Address Street Name		A/N Special Characters: Ampersand, Apostrophe, Asterisk, Hyphen, Number Sign, Parentheses, Space	1-50		1. If not populated and AFT=B,C,D,N, then return error: FTRLXRE036 SASN IS REQUIRED WHEN AFT EQUALS B,C,D OR N 2. If not populated and WTN and ROUTE and BOX are not populated return error message FTRLXRE037 SASN IS REQUIRED 3. If populated and dl > 50, then return error: FTRLXRE038 SASN MAY NOT EXCEED 50 CHARACTERS 4. If populated and special character ≠ Ampersand, Apostrophe, Asterisk, Hyphen, Space, Number Sign, Parentheses, then return error: FTRLXRE039 NOT A VALID SPECIAL CHARACTER	O
022	SATH - Service Address Street Type		A/N	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: FTRLXRE040 SATH PROHIBITED 2. If populated and vv ≠ entry in attached table, then return error: FTRLXRE041 SERVICE ADDRESS STREET TYPE IS INVALID	O
023	SASS - Service Address Street Directional Suffix		A	1-2	E = East W = West N = North S = South	1. If populated and SASN is not populated, then return error: FTRLXRE042 SASS IS PROHIBITED	O

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					NE = Northeast NW = Northwest SE = Southeast SW = Southwest	2. If populated and vv ≠ E, W, N, S, NE, NW, SE, SW, then return error: FTRLXRE043 NOT A VALID SASS ENTRY	
019	LD1 - Service Address Location Designator 1		A	4-4	Valid LD1 Values: BLDG (Building) PIER (Pier) WNG (Wing)	1. If populated and SASN is not populated, then return error: FTRLXRE044 LD1 IS PROHIBITED 2. If populated and vv ≠ BLDG, WNG, PIER, then return error: FTRLXRE045 NOT A VALID LD1 ENTRY	O
025	LV1 - Service Address Location Value 1		A/N	1-10		1. If populated and LD1 is not populated, then return error: FTRLXRE046 LV1 PROHIBITED 2. If populated and special character ≠ Apostrophe, Comma, Hyphen, Space and LD1 = BLDG, then return error: FTRLXRE047 LV1 HAS INVALID CHARACTERS 3. If populated and dl > 10, then return error: FTRLXRE048 LV1 MAY NOT EXCEED 10 CHARACTERS 4. If populated and special character ≠ Comma, Hyphen, Space and LD1 = WNG, PIER, then return error FTRLXRE49 LV1 HAS INVALID CHARACTERS 5. If not populated and LD1 is populated, then return error FTRLXRE50 LV1 IS REQUIRED	O
026	LD2 - Service Address Location Designator 2		A	2-2	Valid LD2 Values: FL (Floor)	1. If populated and SASN is not populated, then return error: FTRLXRE051 LD2 IS PROHIBITED	O

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						2. If populated and vv ≠ FL, then return error: FTRLXRE052 LD2 MAY ONLY BE FL (FLOOR)	
027	LV2 - Service Address Location Value 2		A/N, Allow special characters Comma, Space	1-10	Main, Attic, Penthouse, Townhouse, Ground, Basement, UpperLevel, Lower Level, 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)	1. If populated and LD2 is not populated, then return error: FTRLXRE053 LV2 IS PROHIBITED 2. If populated and dl > 10, then return error: FTRLXRE054 LV2 MAY NOT EXCEED 10 CHARACTERS 3. If not populated and LD2 is populated, then return error: FTRLXRE55 LV2 IS REQUIRED 4. If populated and vv ≠ 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), then return error: FTRLXRE056 INVALID LV2 5. If populated and special character ≠ Comma, Space, then return error: FTRLXRE057 LV2 HAS INVALID CHARACTERS	O
028	LD3 - Service Address Location Designator 3		A	2-4	Valid LD3 Values: APT (Apartment) SUIT (Suite) RM (Room) LOT (Lot) UNIT (Unit) SLIP	1. If populated and SASN is not populated, then return error: FTRLXRE058 LD3 IS PROHIBITED 2. If populated and vv ≠ APT, SUIT, RM, LOT, SLIP, UNIT, then return error: FTRLXRE059 LD3 MAY ONLY BE APT, SUIT, RM, LOT, SLIP OR UNIT	O

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029	LV3 - Service Address Location Value 3		A/N Allow special characters Comma, Hyphen, Space	1-10		1. If populated and LD3 is not populated, then return error: FPOLMU060 LV3 IS PROHIBITED 2. If populated and dl > 10, then return error: FPOLMU061 LV3 MAY NOT EXCEED 10 CHARACTERS 3. If populated and special character ≠ Comma, Hyphen, Space, then return error: FPOLMU062 LV3 HAS INVALID CHARACTERS 4. If not populated and LD3 is populated, then return error: FPOLMU063 LV3 IS REQUIRED	O
031	CITY - City		A/N Special Characters: Ampersand, Apostrophe, Asterisk, Hyphen, Space, Number Sign, Parentheses	1-32		1. If not populated and SASN or (ROUTE and BOX) are populated return error message FTRLXRE064 CITY IS REQUIRED 2. If populated and SASN, ROUTE, BOX are not populated, then return error: FTRLXRE065 CITY IS PROHIBITED 3. If populated and dl > 32, then return error:FTRLXRE066 CITY MAY NOT EXCEED 32 CHARACTERS 4. If populated and special character ≠ Apostrophe, Asterisk, Hyphen, Space Number Sign, Parentheses, then return error: FTRLXRE067 NOT A VALID SPECIAL CHARACTER	O
032	STATE - State		A	2-2	WV	1. If populated and vv ≠ WV, then return error: FTRLXRE068 NOT A VALID STATE FOR VZE	R

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						2. If not populated, then return error: FTRLXRE069 STATE IS REQUIRED 3.If populated and vv ≠ capital letters, then return error: FTRLXRE070 STATE FIELD MUST BE CAPITAL LETTERS	
033	ZIP - Zip/Postal Code		A/N, plus sign, Space	5-12		1. If populated and SASN or (ROUTE and BOX) are not populated return error message FTRLXRE071 ZIP CODE IS PROHIBITED 2. If populated and (dl < 5 or > 12), then return error: FTRLXRE072 ZIP MAY ONLY BE 5-12 CHARACTERS 4. If populated and special character is not plus sign, then return error: FTRLXRE073 SPECIAL CHARACTER S ALLOWED IN ZIP ARE PLUS SIGN AND HYPHEN	O
056	WTN – Working Telephone Number		N	10-10		1. If not populated and SASN and ROUTE and BOX are not populated return error message FTRLXRE074 WTN REQUIRED IF SASN AND ROUTE AND BOX NOT POPULATED 2. If populated and (dl is not 10) or (dc is not numeric) return error message FTRLXRE75 WTN MAY ONLY BE 10 NUMERICS 3.If populated and SASN or(ROUTE and BOX) are populated return error message FTRLXRE085 WTN IS PROHIBITED	O

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APPENDIX A: ERROR MESSAGE TABLE

Error Message Number	Error Message Text
FTRLXRE001	TXNUM IS REQUIRED
FTRLXRE002	D/TSENT IS REQUIRED
FTRLXRE003	TXTYP IS REQUIRED
FTRLXRE004	TXTYP MAY ONLY BE H or K FOR THIS TRANSACTION
FTRLXRE005	TXACT IS REQUIRED
FTRLXRE006	TXACT MAY ONLY BE A FOR THIS TRANSACTION
FTRLXRE007	CC IS REQUIRED
FTRLXRE008	CC MAY NOT EXCEED 4 CHARACTERS
FTRLXRE009	ROUTE IS REQUIRED
FTRLXRE010	ROUTE IS REQUIRED
FTRLXRE011	ROUTE MAY NOT EXCEED 6 CHARACTERS
FTRLXRE012	NOT A VALID SPECIAL CHARACTER FOR ROUTE
FTRLXRE013	ROUTE IS NOT ALLOWED WHEN WTN IS POPULATED
FTRLXRE014	BOX NOT ALLOWED WITHOUT ROUTE
FTRLXRE015	BOX MAY NOT EXCEED 9 CHARACTERS
FTRLXRE016	NOT A VALID SPECIAL CHARACTER FOR BOX
FTRLXRE017	BOX REQUIRED WHEN ROUTE IS POPULATED
FTRLXRE018	RESID NOT ALLOWED UNLESS TXTYP = K
FTRLXRE019	AFT IS REQUIRED
FTRLXRE020	SASN IS REQUIRED WHEN AFT IS B OR D
POLXRE0021	SANO IS PROHIBITED WHEN AFT IS B OR D

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Error Message Number	Error Message Text
FTRLXRE022	SANO IS REQUIRED WHEN AFT IS C OR N
FTRLXRE023	AFT MAY ONLY BE B, C, D OR N
FTRLXRE024	SANO IS REQUIRED
FTRLXRE025	SANO IS PROHIBITED
FTRLXRE026	SANO MAY NOT EXCEED 10 CHARACTERS
FTRLXRE027	NOT A VALID SPECIAL CHARACTER
FTRLXRE028	SANO IS PROHIBITED WITH THIS TXTYP/TXACT COMBINATION
FTRLXRE029	SANO IS PROHIBITED
FTRLXRE030	SASF IS PROHIBITED
FTRLXRE031	NOT A VALID SPECIAL CHARACTER
FTRLXRE032	WHEN VIRGULE USED IT MUST BE PRECEDED AND FOLLOWED BY NUMERIC CHARACTER
FTRLXRE033	SASF MAY NOT EXCEED 4 CHARACTERS
FTRLXRE034	SASD IS PROHIBITED
FTRLXRE035	NOT A VALID SASD ENTRY
FTRLXRE036	SASN IS REQUIRED WHEN AFT EQUALS B,C,D OR N
FTRLXRE037	SASN IS REQUIRED
FTRLXRE038	SASN MAY NOT EXCEED 50 CHARACTERS
FTRLXRE039	NOT A VALID SPECIAL CHARACTER
FTRLXRE040	SATH PROHIBITED
FTRLXRE041	SERVICE ADDRESS STREET TYPE IS INVALID
FTRLXRE042	SASS IS PROHIBITED
FTRLXRE043	NOT A VALID SASS ENTRY
FTRLXRE044	LD1 IS PROHIBITED
FTRLXRE045	NOT A VALID LD1 ENTRY
FTRLXRE046	LV1 PROHIBITED
FTRLXRE047	LV1 HAS INVALID CHARACTERS
FTRLXRE048	LV1 MAY NOT EXCEED 10 CHARACTERS

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Error Message Number	Error Message Text
FTRLXRE049	LV1 HAS INVALID CHARACTERS
FTRLXRE050	LV1 IS REQUIRED
FTRLXRE051	LD2 IS PROHIBITED
FTRLXRE052	LD2 MAY ONLY BE FL (FLOOR)
FTRLXRE053	LV2 IS PROHIBITED
FTRLXRE054	LV2 MAY NOT EXCEED 10 CHARACTERS
FTRLXRE055	LV2 IS REQUIRED
FTRLXRE056	INVALID LV2
FTRLXRE057	LV2 HAS INVALID CHARACTERS
FTRLXRE058	LD3 IS PROHIBITED
FTRLXRE059	LD3 MAY ONLY BE APT, SUIT, RM, LOT, SLIP OR UNIT
FTRLXRE060	LV3 IS PROHIBITED
FTRLXRE061	LV3 MAY NOT EXCEED 10 CHARACTERS
FTRLXRE062	LV3 HAS INVALID CHARACTERS
FTRLXRE063	LV3 IS REQUIRED
FTRLXRE064	CITY IS REQUIRED
FTRLXRE065	CITY IS PROHIBITED
FTRLXRE066	CITY MAY NOT EXCEED 32 CHARACTERS
FTRLXRE067	NOT A VALID SPECIAL CHARACTER
FTRLXRE068	NOT A VALID STATE FOR VZE
FTRLXRE069	STATE IS REQUIRED
FTRLXRE070	STATE FIELD MUST BE CAPITAL LETTERS
FTRLXRE071	ZIP CODE IS PROHIBITED
FTRLXRE072	ZIP MAY ONLY BE 5-12 CHARACTERS
FTRLXRE073	SPECIAL CHARACTERS ALLOWED IN ZIP ARE PLUS SIGN AND HYPHEN

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FTRLXRE074	WTN REQUIRED IF SASN OR ROUTE AND BOX NOT POPULATED
FTRLXRE075	WTN MAY ONLY BE 10 NUMERICS
FTRLXRE076	DATE/TIME SENT MUST BE 14 CHARACTERS
FTRLXRE077	DATE/TIME SENT MONTH MUST BE 01-12
FTRLXRE078	DATE/TIME SENT DAY MUST BE 01 – 31
FTRLXRE079	DATE/TIME SENT HOUR MUST BE 01-12
FTRLXRE080	DATE/TIME SENT MINUTES MUST BE 00-59
FTRLXRE081	DATE/TIME SENT MUST BE NUMERIC IN POSITION 1-12
FTRLXRE082	AM OR PM REQUIRED IN POSITIONS 13 AND 14 ON D/TSENT
FTRLXRE083	AFT IS PROHIBITED
FTRLXRE084	WHEN A HYPHEN APPEARS IT MUST BE FOLLOWED BY A NUMERIC
FTRLXRE085	