



# **Version 9.30.30 LS FORM**

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# FRONTIER BUSINESS RULES

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FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
<b>Section: ADMINISTRATIVE</b>							
001	PON					<b>FRONTIER DOES NOT SUPPORT</b>	P
002	VER					<b>FRONTIER DOES NOT SUPPORT</b>	P
003	AN					<b>FRONTIER DOES NOT SUPPORT</b>	P
004	ATN					<b>FRONTIER DOES NOT SUPPORT</b>	P
005	LQTY - Loop Quantity	Identifies the quantity of loops involved in this service request.	N	1-5		1. If populated and dl > 5 characters return error FTRLS001 INVALID LQTY LENGTH.  2. If populated and dc not = numeric return error FTRLS002 INVALID VALUE. LQTY MUST BE NUMERIC  3. If not populated return error message: FTRLS169 LQTY IS REQUIRED	R
006	PG_of_					<b>FRONTIER DOES NOT SUPPORT</b>	P
<b>Section: SERVICE DETAILS</b>							
007	LOCNUM – Location Number	Identifies the service location number for the service requested	N	1-3		1. If not populated return error message FTRLS173 LOCNUM REQUIRED  2. If populated and dl >3 return error message FTRLS174 LOCNUM CANNOT EXCEED 3 CHARACTERS  3. If populated and dc not = numeric return error message FTRLS175 LOCNUM MUST BE NUMERIC	R
008	LNUM - Line Number	Identifies the first line or trunk as a unique number and each additional line or trunk segment as a unique number.	N	1-5		1. If populated and dl > 5 characters return error FTRLS009 INVALID LNUM LENGTH.  2.If populated and dc not = numeric return error FTRLS010 INVALID VALUE LNUM MUST BE NUMERIC  3. If not populated return error message: FTRLS170 LNUM IS REQUIRED <b>Note:</b> 1.Once LNUM is generated it cannot be changed and is retained through completion of the request. 2.The values are to be assigned sequentially and must be unique throughout the request at the PON level 3.To ensure accurate processing of the request, LNUM values must be in sequential order at the LOCNUM level. <b>EXAMPLE A:</b> LOCNUM 001 - LNUM 00001 LOCNUM 001 - LNUM 00002 LOCNUM 001 - LNUM 00003	R
009	LNA - Line Activity	Identifies the activity	A	1-1	N= New Installation and/or account	1 If populated and vv not = N and LSR.ACT=N RETURN ERROR FTRLS011 LNA MUST BE N	R



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
		involved at the line level.			<p>C= Change an existing account, e.g., rearrangement, partial disconnect or addition</p> <p>D= Disconnection</p> <p>M= Inside move of the physical termination within a building</p> <p>P=DSL Premise Service (only)</p> <p>R= Record activity is for ordering administrative changes</p> <p>T= Outside move of end user location</p> <p>V= Conversion of service to new LSP</p>	<p>2. If populated and vv not = D, N, V, and LSR.ACT=V RETURN ERROR FTRLS012 LNA MUST BE D,N, V</p> <p>3.If populated and vv does not = N, C, D, M, P, and LSR.ACT=C, return error FTRLS013 LNA MUST BE N,C,D,M,P</p> <p>4. If populated and vv not = D and LSR.ACT=D RETURN ERROR FTRLS014 LNA MUST BE D.</p> <p>5. If populated and vv does not = N, C, D, M, R, T, V, or P RETURN ERROR FTRLS015 LNA MAY ONLY BE N, C, D, M, R, T, V, OR P</p> <p>6. If not populated return error message: FTRLS171 LNA IS REQUIRED.</p> <p>7.If populated and vv does not = D,V and LSR.CHC=A,B, return error FTRLS073 LNA MUST = D,V WHEN CHC=A,B</p> <p>8.If populated and vv = R and LSR.ACT does not = R, then return error FTRLS007 LNA = R ONLY VALID WHEN ACT = R</p> <p>9.If populated and vv does not = R and ACT = R, then return error FTRLS008 LNA MUST=R WHEN ACT=R</p> <p>10.If populated and vv does not = N and LSR.ACT = T, then return error FTRLS020 LNA MUST=N WHEN ACT=T</p> <p>11.If populated and vv does not = C, D, M, N and LSR.ACT = M, then return error FTRLS036 LNA VALID VALUE = C, D, M, N WHEN ACT=M</p> <p><b>Note:</b> Line Share Guidelines (Valid ACT to LNA combination) If ACT = N then LNA = N If ACT = C then LNA = R</p>	
010	SLTN - Shared Line Telephone Number	Identifies the end user telephone number(s) for line sharing or line splitting.	N	10-10	NNNNNNNNNN	<p>1. If not populated and position 2 of LSR.TOS=P or R return error FTRLS016 SHARED LINE TELEPHONE NUMBER REQUIRED</p> <p>2. If populated and position 2 of the LSR.TOS not = P or R</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						<p>return error FTRLS017 SHARED LINE TELEPHONE NUMBER PROHIBITED.</p> <p>3. If populated and dl not = 10 characters return error FTRLS018 INVALID SLTN LENGTH.</p> <p>4.If populated and vv not = numeric characters return error FTRLS019 INVALID SLTN MUST BE NUMERIC.</p> <p>5.If populated and LSR.REQTYP=AB, LSR.ACT=N and position 2 of LSR.TOS does not = P, return error FTRLS148 SLTN CANNOT BE UNE-PLATFORM OR LINE SPLIT</p>	
011	LMT					<b>FRONTIER DOES NOT SUPPORT</b>	P
012	BTRL					<b>FRONTIER DOES NOT SUPPORT</b>	P
013	CKR - Customer Circuit Reference	Identifies the circuit number assigned by the customer	AN & ' * ( ) : , \$ - # % + : . space	1-41		<p>1. If populated and dl &gt; 41 characters, return error FTRLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH</p> <p>2. If populated and special characters not = Ampersand, Apostrophe, Asterisk , Parentheses, Colon, Comma, Dollar Sign, Hyphen, Number Sign, Percent, Plus Sign, Quote, Semicolon, Space, Period return error,FTRLS022 INVALID VALUE. THE ONLY SPECIAL CUSTOMER CIRCUIT REFERENCE CHARACTERS ALLOWED ARE AMPERSAND, APOSTROPE, ASTERISK, PARENTHESES, COLON, COMMA, DOLLAR SIGN, QUOTE, SEMICOLON, SPACE, PERIOD.</p> <p>Note: 1.CKR is used by the customer as a cross reference to the provider circuit ID and in many cases to identify the customer's end-to-end service.</p>	O
014	TSP - Telecommunications Service Priority	Indicates the provisioning and restoration priority as defined under the TSP Service Vendor Handbook	AN Hyphen	12-12		<p>1. If populated and 1st character LSR.TOS = 2, return error FTRLS030 TSP PROHIBITED</p> <p>2.If not populated and the CI field = D return error FTRLS031 TSP REQUIRED</p> <p>3 If populated and the 2nd character of the LSR.TOS = P or R return error FTRLS222 TSP PROHIBITED</p> <p>4.If populated and dl not = 12 characters return error FTRLS032 INVALID TSP DATA LENGTH.</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						<p>5.If populated and dc special character not = hyphen return error FTRLS033 INVALID DATA THE ONLY SPECIAL CHARACTER ALLOWED IS A HYPHEN</p> <p>6. If populated and CI not = D and LNA not = D, N, V or W return error message FTRLS224 TSP PROHIBITED</p> <p>Note:            1.A TSP code ending in "OO" indicates "revocation", the removal of a previously assigned TSP code            2.These codes are assigned by the TSP Program Office</p>	
014a	CI. - Change Indicator	Identifies the change or changes to the existing Loop circuit.	A	1-1	A=Change Facilities  B=Change Downstream and Upstream Speeds  C=Change End User Modem  D=Change Telecommunication Service Priority  E=Re-grade	<p>1.If not populated and the LNA = C return error FTRLS034 CHANGE INDICATOR REQUIRED</p> <p>2 If populated and the LNA not = C return error FTRLS035 CHANGE INDICATOR PROHIBITED</p> <p>3. If populated and vv are not A, B, C, D, E return error FTRLS231 INVALID CI VALUE. THE ONLY VALID VALUES ARE A OR B OR C OR D OR E</p> <p>4. If populated and vv = E and position 2 and 3 of LSR.TOS is not = 1-, 2-, 22, 23 and NPA NXX is not Frontier 13, return error message FTRLS232 INVALID CI VALUE FOR TOS</p>	O
015	TNT - Test and Tag Requested	Identifies the customer is requesting additional testing and tagging beyond that which is included with the product ordered	A	1-1	A=Testing required B=Tag pairs at demarcation D=Test & Tag	<p>1.If populated and vv does not = A,B,D return error message FTRLS039 TNT VALID VALUE = A,B,D</p> <p>2.If not populated and LSR.DSPTCH is populated, and NPA NXX is Frontier 13 or EU.STATE = CT return error FTRLS038 TNT REQUIRED IF DSPTCH IS POPULATED</p> <p>3. If populated and NPA NXX is not Frontier 13 or EU.STATE does not CT, return error FTRLS160 TNT PROHIBITED FOR SERVICE TERRITORY</p>	O
016	SAN - Subscriber Authorization Number	Used for DSL Premise Services (DSLPS) for Line Sharing and Loop Sharing.	AN & ' * ( ) : , \$ - # % " + ; . space	1-10	A= Synch Verification & Turn Up/ Completion  B= Install 100 feet of Inside Wire or Increment of  C= Install splitter at End-user premises  D= Install Jack or Rewire existing Jack	<p>1.If populated and vv = K or KL or LK and the 2nd position of LSR.TOS = R return error FTRLS040 SAN VALID VALUES K, KL, LK ARE PROHIBITED</p> <p>2. If populated and vv = A, B, C, D, E, F, H, J and K, KL, LK are also present return error FTRLS041 SAN VALID VALUES A, B, C, D, E, F, H, J ARE PROHIBITED.</p> <p>3. If populated and vv = L return error FTRLS042 SAN VALUE OF L IS PROHIBITED AS A SOLE ENTRY.</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
					E= Install external Modem (w/ software) F= Install internal Modem (w/ software) H= Install microfilters J= PC configuration only K= DSL Premise Visit SVC Portfolio Installation L= DSL Premise SVC - For configuration of external modem.	4. If not populated and LNA = P and position 2 of LSR.TOS =R return error FTRLS043 SAN REQUIRED. 5. If not populated and LNA=P and positions 2 and 3 of LSR.TOS= 21, 22, 23, 24, 26, W- or X-, return error FTRLS217 SAN REQUIRED 6. If populated and LNA not= N or P return error message FTRLS044 SAN IS PROHIBITED. 7.If populated and dl > than 30 characters return error FTRLS045 INVALID SAN LENGTH. CANNOT EXCEED 30 CHARACTERS. 8. If populated and contains alpha values other than A,B,C,D,E,F,H,J,K,L return error FTRLS046 THE ONLY VALID SAN VALUES ARE A, B, C, D, E, F, H, J, K, L. 9.If populated and dc special character not = Ampersand, Apostrophe, Asterisk Parentheses, Colon, Comma, Dollar Sign, Hyphen, Number Sign, , Quote, , Space, Period return error FTRLS047 INVALID SAN CHARACTERS 10. If populated and vv contains B, C, D, E, F, H or J and vv A is not present return error message FTRLS236 SAN VALUE A REQUIRED WHEN VALUES B, C, D, E, F, H OR J PRESENT 11. If populated and LNA = N, P and the 2 <sup>nd</sup> character of LSR.TOS is not= R and (the 2 <sup>nd</sup> character of LSR.TOS is not = F and the CTI is not = C and the 2 <sup>nd</sup> and 3 <sup>rd</sup> characters of LSR.TOS is not = 21, 22, 23, 24, 26, W- or X- return error message FTRLS241 SAN IS PROHIBITED	
017	ECCKT - Exchange Company Circuit ID	Identifies a provider's circuit identification	AN /	1-41	TELEPHONE NUMBER FORMAT: NPANXXXXXX SERIAL NUMBER FORMAT: Prefix/service code and modifier/serial number/suffix code/AP code/segment name (if applicable).	1.If not populated and LNA=C,D,R,T, return error FTRLS048 ECCKT REQUIRED 2. If populated and dl = 10 and LNA not = C or D, return error FTRLS049 ECCKT- TELEPHONE NUMBER ONLY VALID IF LNA= C OR D. 3. If populated and dc special characters not = virgules return error FTRLS050 ECCKT ONLY SPECIAL CHARACTERS ALLOWED ARE VIRGULES	O





FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						<p>4.If populated and dl &gt; 41 return error FTRLS051 ECCKT LENGTH MAY NOT EXCEED 41 CHARACTERS</p> <p>Note:</p> <p>1.The format of the field is defined by the provider</p> <p>2.The layout of the field may be defined by the COMMON LANGUAGE standards</p> <p>3.When a component of CLT or CLS is purposely omitted, the component should still be delimited and compressed to eliminate any spaces</p> <p>4.If all positions in a component of CLT or CLS are not populated, the component should be compressed to eliminate any spaces.</p> <p>5.All components within the ID should be delimited by virgules.</p>	
018	RL - Reuse Loop	Identifies the desire to reuse the loop from an existing service arrangement for this request.	A	1-1	Y=YES	<p>1.If not populated and the 2<sup>nd</sup> position LSR.TOS = F and the LNA = V return error message FTRLS023 REUSE LOOP REQUIRED</p> <p>2.If populated and vv not = Y, return error FTRLS025 INVALID REUSE LOOP. THE ONLY VALID ENTRY IS Y</p> <p>3 If populated and ((the 2<sup>nd</sup> character of LSR.TOS not = F or the LNA not = V) and (LNA not = W)) then return error message FTRLS211 REUSE LOOP PROHIBITED</p>	O
019	OECCKT - Out Exchange Company Circuit ID	Identifies the circuit identification that was previously provided to the old LSP/NSP-Switch/HFPL by the NSP-Loop.	AN /	10-30	<p>TELEPHONE NUMBER FORMAT: NPANXXXXXX</p> <p>SERIAL NUMBER FORMAT: Prefix/service code and modifier/serial number/suffix code/AP code/segment name (if applicable).</p>	<p>1.If not populated and RL field is populated, return error FTRLS026 OUT EXCHANGE COMPANY CIRCUIT ID REQUIRED WHEN RL FIELD IS POPULATED.</p> <p>2. If populated and the RL field is not populated, return error FTRLS027 OUT EXCHANGE COMPANY CIRCUIT ID PROHIBITED WHEN RL FIELD NOT POPULATED.</p> <p>3.If populated and dl &lt; 10 or &gt; 30 characters, return error FTRLS028 INVALID OECCKT DATA LENGTH.</p> <p>4.If populated and dc special characters not = virgules return error FTRLS029 INVALID OECCKT VALUE THE ONLY SPCECIAL CHARACTERS ALLOWED ARE VIRGULES WITHIN THE SERIAL NUMBER FORMAT.</p> <p>5.If not populated and position 1 of LSR.REQTYP = A, position 2 of LSR.TOS=F and LNA=V, return error FTRLS037 OECCKT REQUIRED</p> <p>Note:</p> <p>1.The format of the field is defined by the provider</p>	O



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						2.The layout of the field may be defined by the COMMON LANGUAGE standards 3.When a component of CLT or CLS is purposely omitted, the component should still be delimited and compressed to eliminate any spaces 4.If all positions in a component of CLT or CLS are not populated, the component should be compressed to eliminate any spaces. 5.All components within the ID should be delimited by virgules	
020	RESID					<b>FRONTIER DOES NOT SUPPORT</b>	P
021	CFA - Connecting Facility Assignment	Identifies the provider carrier system and channel to be used.	AN - space	1-42		1.If not populated and position 2 of LSR.TOS = 4, return error message FTRLS052 CFA REQUIRED  2.If populated and dl > than 42 characters return error FTRLS053 INVALID CFA LENGTH.  3. If populated and dc special characters not = Hyphen, Period, Space, return error FTRLS054 CFA CHARACTERS ALLOWED A/N-HYPHEN, PERIOD, SPACE.  4.If populated and position 2 of LSR.TOS=P,R and LSR.SLI=B, return error FTRLS102 CFA PROHIBITED  5.If populated and LSR.REQTYP=AB, LSR.ACT=V, position 2 of LSR.TOS=F and CTI=C, return error FTRLS194 CFA PROHIBITED  <b>Format:</b> The format and structure of this field is defined by ANSI in document T1.238, Identification of Telecommunication Facilities for the North American Telecommunications System. The Facility Identifier consists of the following elements: 1.Facility Designation - A code that, for a specific type of facility, uniquely identifies a path between two network nodes (variable length, 1-5 alpha/numeric characters). 2. Facility Type - A code that describes a type of facility when it is other than a single baseband channel on cable. Valid entries are outlined in Telcordia Technologies practice BR 795-450-100 (variable length, 1-6 alpha/numeric characters). 3. Channel/Pair/Time Slot - A code that identifies a specific assignable portion of a facility (variable length, 1-5 alpha/numeric characters). 4. Location A - A standardized code that uniquely identifies the location of a facility terminal A, which has the lower in alpha/numeric sequence of the two facility location codes. Valid values are outlined in Telcordia Technologies practice BR 7695-100-100 (8 or 11 alpha/numeric characters). 5. Location Z - A standardized code that uniquely identifies the location of facility terminal Z, which has the higher in alpha/numeric sequence of the two facility location codes. Valid values are outlined in Telcordia Technologies practice BR-795-100-100 (8 or 11 alpha/numeric characters).  <b>Note:</b>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						1.All element entries of the CFA are left justified with no trailing spaces 2.When multiple levels of CFA are being provided, the highest level of CFA is populated in the CFA field and the lower level CFA is populated in the SCFA field. 3.Applicable when utilizing Hi-Cap facilities and the customer has assignment control. Note: Line Share Guidelines: If LSR ACT = N or C this field is required (PORT information) If LSR ACT = D this field is invalid	
022	CCEA - Cross Connect Equipment Assignment	Identifies the requested Data Rate Test at the time of DSL Premise Service Portfolio (DSLSP) installation	A	1-1	A= Data Rate Test 144K B= Data Rate Test 192K C= Data Rate Test 384K D= Data Rate Test 768K E= Data Rate Test 1.1M F= Data Rate Test 1.5M G= Data Rate Test 1.544M H= Data Rate Test 2.3M	1.If not populated and SAN = K, KL, LK return error FTRLS055 CCEA REQUIRED  2.If populated and SAN not = K, KL, LK return error FTRLS056 CCEA PROHIBITED  3.If populated and vv not = A,B,C,D,E,F,G,H, return error FTRLS057 ONLY VALID CCEA VALUE A,B,C,D,E,F,G,H  Note: Valid for DSL Premise Service Portfolio (DSLSP) only. Invalid for DSL Premise Service (DSLPS).	O
023	RECCKT - Related Exchange Company Circuit ID	Identifies the provider's related physical circuit ID against which the virtual circuit activity is requested	AN /	1-41		1.If not populated and LNA=N,V and LSR.SLI=C,V, return error FTRLS190 RECCKT REQUIRED  2 If populated and ((LSR SLI not = C, V) or (the LNA not = N, C)) return error FTRLS181 RECCKT PROHIBITED.  3. If populated and dc special characters not = virgules return error message FTRLS085 RECCKT SPECIAL CHARACTER VIRGULES  4. If populated and dl > than 41 return error FTRLS225 INVALID RECCKT DATA LENGTH  Note: All components within the ID should be delimited by virgules	O
024	VPID - Virtual Path Indicator	Identifies the logical connection location and quality of service for the virtual path requested.	A	2-2	1 <sup>st</sup> Character A=Provider's equipment  2 <sup>nd</sup> Character B=Constant Bit Rate (CBR) E=Unspecified Bit Rate (UBR)	1.If not populated and the RECCKT is populated and EU.STATE not = CT, return error FTRLS080 VPID REQUIRED  2.If populated and the RECCKT is not populated, return error FTRLS081 VPID PROHIBITED  3. If populated and vv not = AB or AE return error message FTRLS082 VPID MAY ONLY BE AB OR AE	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
025	VPI - Virtual Path Identifier	Identifies the logical connection address for the virtual path requested.	N	1-4		<p>1. If not populated and the VPID is populated, return error FTRLS083 VPI REQUIRED WHEN THE VPID FIELD IS POPULATED</p> <p>2. If populated and the VPID is not populated, return error FTRLS084 VPI PROHIBITED WHEN THE VPID IS NOT POPULATED</p> <p>3. If populated dl &gt; than 4 characters, return error FTRLS203 INVALID VPI LENGTH.</p> <p>4. If populated and dc not = numeric return error FTRLS086 INVALID VPI DATA MUST BE NUMERIC</p>	O
026	VCI - Virtual Circuit Identifier	Identifies the logical connection address between the provider's switch and the circuit for the virtual circuit requested	N	1-4	Valid values are 32 to 1023 only with no leading zeros. For example: 32 or 1023.,	<p>1. If not populated and the VPID is populated, return error FTRLS087 VCI REQUIRED WHEN VPID POPULATED</p> <p>2 If populated and the VPID is not populated, return error FTRLS088 VCI PROHIBITED WHEN VPID IS NOT POPULATED.</p> <p>3. If populated and dl is &gt; than 4, return error FTRLS089 INVALID VCI DATA LENGTH</p> <p>4. If populated and dc not = numeric, return error FTRLS090 INVALID VCI DATA, MUST BE NUMERIC</p> <p>5.If populated and vv not equal to 32 to 1023 return error message FTRLS214 VCI VALID VALUES ARE 32 TO 1023</p>	O
026a	VPID2 - Virtual Path Indicator 2	Identifies the logical connection location and quality of service for the virtual path requested.	A	2-2	<p><b>1<sup>st</sup> Character</b> A=Provider's equipment</p> <p><b>2<sup>nd</sup> Character</b> B=Constant Bit Rate (CBR) E=Unspecified Bit Rate (UBR)</p>	<p>1.If not populated and RECCKT is populated or (CI = C), and EU.STATE not = CT, return error FTRLS182 VPID2 REQUIRED</p> <p>2.If populated and the RECCKT is not populated and CI not = C return error message FTRLS183 VPID2 PROHIBITED</p> <p>3.If populated and vv not = BB or BE return error message FTRLS184 VPID2 VALUES BB OR BE</p>	O
026b	VPI2 - Virtual Path Identifier 2	Identifies the logical connection address for the virtual path requested.	N	1-1	0 (zero) or 8.	<p>1. If not populated and VPID2 is populated, return error message FTRLS185 VPI2 REQUIRED WHEN VPID2 POPULATED</p> <p>2. If populated and VPID2 is not populated, return error</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						message FTRLS186 VPI2 PROHIBITED WHEN VPID2 NOT POPULATED  3. If populated and vv not = 0 or 8, return error message FTRLS187 VPI2 VALUE 0 OR 8.	
026c	VCi2 - Virtual Circuit Identifier 2	Identifies the logical connection address between the provider's switch and the circuit for the virtual circuit requested.	N	2-2	32 and 35.	1. If not populated and the VPID2 is populated, return error message FTRLS188 VCi2 REQUIRED WHEN VPID2 POPULATED  2. If populated and the VPID2 is not populated, return error message FTRLS189 VCi2 PROHIBITED WHEN VPID2 NOT POPULATED.  3. If populated and vv not = 32 or 35, return error FTRLS223 VCi2 VALUES ARE 32 AND 35.	O
027	UDSPEED - Upstream and Downstream Speed	Identifies the upstream and downstream speed of the virtual circuit.	AN ,	4-15	1500k,384k 1500k,128k 384k,384k 768k,128k 3000k,768k	1.If not populated and RECCKT is populated or (CI=B) return error message FTRLS003 UDSPEED REQUIRED.  2. If populated and RECCKT is NOT populated and (CI not =B) return error message FTRLS004 UDSPEED PROHIBITED  3. If populated and dl < 4 or > 15 characters, return error FTRLS005 UDSPEED INVALID DATA LENGTH  4. If populated and dc contains special character not = comma, return error message FTRLS006 UDSPEED INVALID ONLY SPECIAL CHARACTER ALLOWED IS COMMA.  Note: The upstream value is entered first, then a comma delimiter, then downstream value. The last character of the upstream and downstream entry is always expressed in megabits (M) or kilobits (K).	O
028	SYSTEM ID - System Identification	Identifies the customer's system to be used in a collocation arrangement.	AN	3-5	.	1.If not populated and and (LNA=N, V, W and LSR.SLI=S, V and position 2 of LSR.TOS=1, 2, 3, W, X) or CTI=B or (position 2 of LSR.TOS=4 and position 3 of LSR.TOS=4, 9) and NPA NXX is not Frontier 13 or EU.STATE does not = CT, then return error: FTRLS058 SYSTEM ID REQUIRED  2. If populated and and ((LNA not = C, N, V, W) or (LSR.SLI not = S, V) or (((position 2 of LSR.TOS not = 1, 2, 3, W, X) and (CTI not = B) and (position 2 of LSR.TOS not = 4 or position 3 of LSR.TOS not = 4, 9)) or (CI = E))) then return error: FTRLS059 SYSTEM ID PROHIBITED	O



FIELD 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 format does not =AAANN and NPA NXX is Acquired WV return error message FTRLS061 SYSTEM ID MUST BE 3 ALPHA FOLLOWED BY 2 NUMERIC</p> <p>4. If not populated and (LNA=N, V, W ) and (the 2nd and 3rd character of the LSR.TOS = 1-, 22 or 23) and LSR.SLI = S and CI = E) and NPA NXX is not Frontier 13 or EU.STATE does not = CT, then return error: FTRLS237 SYSTEM ID REQUIRED</p> <p>5.If populated and NPA NXX is Frontier 13 or EU.STATE = CT, return error FTRLS195 SYSTEM ID INVALID FIELD FOR SERVICE TERRITORY</p>	
029	CTI - Connection Type Indicator	Identifies the configuration of the facility connection assignment.	A	1-1	B= Voice C= Data	<p>1. If not populated and the LSR.SLI = S and position 2 of LSR.TOS = F and LNA = N return error FTRLS062 CTI REQUIRED</p> <p>2.If not populated and the LSR.SLI = S and position 2 of the LSR.TOS = F and the LNA =V and RL = Y return error FTRLS219 CTI REQUIRED.</p> <p>3.If populated and vv not = B and LNA=V return error FTRLS063 CTI MAY ONLY BE B</p> <p>4.If populated and vv = B and SYSTEM ID, SHELF, and CHAN/PAIR are not populated and NPA NXX is not Frontier 13 or EU.STATE does not = CT, return error FTRLS065 SYSTEM ID, SHELF AND CHAN/PAIR REQUIRED</p> <p>5.If populated and vv=C and SHELF, SLOT and RELAY RACK are not populated return error FTRLS066 SHELF, SLOT AND RELAY RACK ARE REQUIRED.</p> <p>6.If populated and vv not = B or C return error FTRLS067 INVALID CTI VALID ENTRIES ARE B AND C</p> <p>7. If populated and the LSR.SLI not = S or position 2 of LSR.TOS not = F or LNA not = N return error FTRLS226 CTI PROHIBITED</p> <p>8.If populated and the LSR.SLI not = S or position 2 of the</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						LSR.TOS not = F or the LNA not = V or RL not = Y return error FTRLS227 CTI PROHIBITED.  Note: 1.This information is provided when the customer has assignment control of SHELF and SLOT. 2.Up to four iterations may be requested. 3.When the CTI field is populated, for each occurrence of CTI, there must be a matching occurrence of SHELF & SLOT.	
030	CABLE ID					<b>FRONTIER DOES NOT SUPPORT (FTRLS069)</b>	P
031	CBCID – Cross Box Cable Identification	Identifies the provider's cable to be connected to the customer's terminal in a field location.	AN	1-10		1.If not populated and LNA = N or V and LSR.SLI = B and position 2 of the LSR.TOS = 1, 2, 3, 4, or R, return error FTRLS074-CROSS BOX CABLE IDENTIFICATION REQUIRED  2.If not populated and LNA = N or V and LSR.SLI =H and position 2 of the LSR.TOS = R return error FTRLS220 CBCID REQUIRED  3.If populated and (LNA not = N, V or C or LSR.SLI does not = B or H or position 2 of LSR.TOS not = 1,2,3,4,or R) return error FTRLS075 CBCID PROHIBITED.  4. If populated and dl > than 10 characters return error FTRLS076 INVALID CBCID LENGTH.  Note: 1.Within a single iteration of CTI, CABLE ID, CBCID and CHAN/PAIR, the CABLE ID and CBCID fields are mutually exclusive. 2.Applicable when the customer has assignment control at the field location. 3.Up to four iterations may be requested.	O
031a	CBCID2 - Cross Box Cable Identification 2	Identifies the specific channel or pair within the provider's cable to be used for connection.	AN	1-10		1.If not populated and the LNA = N or V and the LSR.SLI = B and the 2nd character of the LSR.TOS = 3 or 4, return Error FTRLS077 CBCID2 REQUIRED  2. If populated and LNA not = N, C, V OR LSR.SLI not = B or position 2 of LSR.TOS not = 3 or 4, return error FTRLS078 CBCID2 PROHIBITED  3. If populated and dl > than 10 characters, return error FTRLS079 INVALID CBCID2 DATA LENGTH.	O





FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
032	CHANPAIR - Channel/Pair	Identifies the specific channel or pair within the provider's cable to be used for connection.	N	5-5		<p>1.If not populated and (LNA = N, V, W) and (LSR.SLI=S,V) and ((position 2 of LSR.TOS=1,2,3,W,X) or (CTI=B) or (position 2 of LSR.TOS=4 and position 3 of LSR.TOS=4,9)) and NPA NXX is not Frontier 13 or EU.STATE does not = CT, return error FTRLS202 CHAN/PAIR REQUIRED</p> <p>2. If populated and (dl not = 5 or dc not = numeric) return error FTRLS205 CHANPAIR MUST BE 5 NUMERIC CHARACTERS</p> <p>3. If not populated and (LNA=N, V, W) and ((position 2 and 3 of LSR.TOS = 1-, 22 or 23) and the LSR.SLI = S and the CI = E)) and NPA NXX is not Frontier 13 or EU.STATE does not = CT, return error: FTRLS239 CHAN/PAIR REQUIRED</p> <p>4. If populated and ((LNA not = N, C, V, W) or (LSR.SLI not = S, V) or ((position 2 of LSR.TOS not = 1, 2, 3, W, X) and (CTI not = B) and (position 2 of LSR.TOS not = 4 or position 3 of LSR.TOS not = 4, 9))) and ((position 2 and 3 of LSR.TOS not = 1-, 22 or 23) or (LSR.SLI not = S) or (CI not = E)) return error: FTRLS176 CHAN/PAIR IS PROHIBITED</p> <p>5.If populated and NPA NXX is Frontier 13 or EU.STATE = CT, return error FTRLS218 CHAN/PAIR INVALID FOR SERVICE TERRITORY</p> <p><b>Note:</b></p> <p>1.Applicable when the customer has assignment control at the field location.</p> <p>2.Up to four iterations may be requested when the CABLE ID field is populated; however, only one iteration may be provided per CABLE ID.</p> <p>3.Only one iteration may be requested when the SYSTEM ID field is populated.</p> <p>4.Up to four iterations may be requested when the CBCID field is populated; however, only one iteration may be provided per CBCID field.</p> <p>5.Frontier prefers the SHELF and SLOT fields be populated instead of the CABLE ID and CHAN/PAIR field</p>	O
033	RELAY RACK – Relay Rack	A code that identifies the customer's bay/cabinet in a collocation arrangement and may also include the floor and aisle where the specific piece	AN	6-10		<p>1.If not populated and the LNA = N, V or W and the 2<sup>nd</sup> position of the LSR.TOS = P or R and the LSR.SLI = S and NPA NXX is not Frontier 13, return error FTRLS191 RELAY RACK REQUIRED</p> <p>2 If not populated and LNA = N and the 2<sup>nd</sup> position of the LSR.TOS = F and the CTI = C and the LSR.SLI= S, return error FTRLS091 RELAY RACK REQUIRED</p>	O





FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
		of equipment is located.				<p>3.If populated and LNA does not = C, position 2 of LSR.TOS does not = P, R, and LSR.SLI does not = S and NPA NXX is not Frontier 13, return error FTRLS092 RELAY RACK PROHIBITED</p> <p>4. If populated and dl not =10 and position 2 LSR.TOS not = F, P, R and NPA NXX is Acquired WV, return error FTRLS093 RELAY RACK MUST BE 10 CHARACTERS</p> <p>5. If populated and dc not = alpha in position 1, 2 and 3 and numeric in positions 4, 5, and 6, and position 2 LSR.TOS = F, P, R return error message FTRLS168 RELAY RACK MUST BE 3 ALPHA FOLLOWED BY 3 NUMERICS WHEN ORDERING LINE SHARING, LINE SPLITTING OR LOOP SHARING</p> <p>6. If populated and the LNA not = N, V, W and the 2<sup>nd</sup> position of the LSR.TOS not = P, R and the LSR.SLI not = S, return error FTRLS209 RELAY RACK PROHIBITED</p> <p>7. If populated and LNA not = N and the 2<sup>nd</sup> position of the LSR.TOS not = F and the CTI not = C and the LSR.SLI not = S, return error FTRLS210 RELAY RACK PROHIBITED</p> <p><b>Note:</b> The format and structure of this field is defined by Telcordia Technologies document BR 751-100-785. The Relay Rack consists of the following elements:</p> <ol style="list-style-type: none"> <li><b>Floor/Level</b> – Character positions 1 and 2 outline the Floor or Level value. This data element is a mnemonic code that consists of certain combinations of alpha, numeric and special characters. It defines a particular floor/level where frames are located. Valid entries are outlined in Telcordia Technologies document BR 751-100-785. (2 alphanumeric characters)</li> <li><b>Line-Up/Frame Function</b> – Character positions 3 through 7 identify either a Line-Up or Frame Function. When this data element contains Line-Up data, it is a particular row of relay equipment in a central office. A Frame Function Code identifies the various frames, racks, bays and cabinets installed in a central office. Valid entries are outlined in Telcordia Technologies document BR 751-100-785. (1-5 alphanumeric characters)</li> <li><b>Bay Number</b> – Character positions 8 and 9 identify the Bay Number. This data element is a numeric code that identifies various bays or frames within a central office. Valid entries are outlined in Telcordia Technologies document BR 751-100-785. (2 numeric characters)</li> <li><b>Bay Designation</b> – Character position 10 identifies the Bay Designation. This data element is 1 character that identifies the Front, Back or marker</li> </ol>	



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						group of the switching system. Valid entries are outlined in Telcordia Technologies document BR 751-100-785. (1 alpha character)  Applicable when the customer has assignment control in a collocation arrangement	
034	SHELF – Shelf	Identifies the number assigned to the shelf within the relay rack.	<b>Acq WV / Legacy:</b> N  <b>F13, CT:</b> AN	<b>Acq WV / Legacy:</b> 2-2 –  <b>F13, CT:</b> 2-6		<p>1.If not populated and and (LNA=N, V, W) and (LSR.SLI=S, V) and ((position 2 of LSR.TOS 1, 2, 3, W, X) or (CTI=B) or (position 2 of LSR.TOS=4 and position 3 of LSR.TOS=4, 9)) and NPA NXX is not Frontier 13 or EU.STATE does not = CT, return error: FTRLS094 SHELF REQUIRED</p> <p>2. If populated and ((LNA not = N, V, C, W) or (LSR.SLI not = S, V) or (((position 2 of LSR.TOS not = 1, 2, 3, W, X, P, R and CTI not = B, C) and (position 2 of LSR.TOS not = 4 or position 3 of LSR.TOS not = 4, 9)) or (CI= E))) and NPA NXX is not Frontier 13 or EU.STATE does not = CT, return error: FTRLS229 SHELF PROHIBITED FOR FRONTIER</p> <p>3. If not populated and ((LNA=N and position 2 of LSR.TOS=P, R) or (LNA=W and position 2 of LSR.TOS=R) or (CTI=C)) and LSR.SLI=S, then return errorFTRLS192 SHELF REQUIRED</p> <p>4.If populated and dl does not = 2 or dc is not numeric and NPA NXX is not Frontier 13 or EU.STATE does not = CT, return error FTRLS096 SHELF MUST BE 2 NUMERIC</p> <p>5. If populated and dl &gt;6 or dc does not = alphanumeric and NPA NXX is Frontier 13 or EU.STATE = CT, return error FTRLS177 SHELF MUST BE 2-6 ALPHA NUMERIC</p> <p>6. If not populated and (LNA=N, V) and ((position 2 and 3 of LSR.TOS = 1-, 22 or 23) and (LSR.SLI = S)) and the NPA NXX is not Frontier 13, return error: FTRLS240 SHELF REQUIRED</p> <p>7.If not populated and LSR.SLI=S,V and LNA=C,N,T,V, and position 2 of LSR.TOS does not = 6, and NPA NXX is Frontier 13 or EU.STATE = CT, return error FTRLS243 SHELF REQUIRED</p> <p>8.If not populated and LSR.SLI=B, LNA=N,T,V and position 2 of LSR.TOS=P,R, return error FTRLS244 SHELF REQUIRED</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						<p>9.If not populated and CTI is populated, return error FTRLS245 SHELF REQUIRED WHEN CTI IS POPULATED</p> <p><b>Note:</b>            1.Applicable when the customer has assignment control in a collocation arrangement.            2.May be applicable when the customer has assignment control of the POTS line splitter in a line sharing or line splitting arrangement.            3. Frontier prefers the SHELF and SLOT fields to be populated instead of the CABLE ID and CHAN/PAIR field.            4. Line Share Guidelines:            If this field is utilized then SLOT field must be populated.            If LSR ACT = D, this field is invalid..            5. Line Share Unbundled Sub-loop Arrangement (LSUSLA – SLI = B)            Guidelines:            If LSR ACT = D, this field is required..            6. SHELF is the same as CABLE or BLOCK            7.1<sup>st</sup> iteration = Data Out, 2<sup>nd</sup> iteration = Voice In.</p>	
035	SLOT - Slot	Identifies the specific connection slot of the shelf to be used.	<b>Acq WV / Legacy:</b> N  <b>F13, CT:</b> AN /	<b>Acq WV / Legacy:</b> 3-3  <b>F13, CT:</b> 1-7		<p>1 If not populated and LNA = N, V, and the 2<sup>nd</sup> position of LSR.TOS = P, R, and the LSR.SLI = S, return error FTRLS097 SLOT REQUIRED</p> <p>2 If not populated and LNA = N and the 2<sup>nd</sup> position of LSR.TOS = F and CTI = C, and the LSR.SLI = S, return error FTRLS197 SLOT REQUIRED WHEN LNA IS N, CTI IS C and SLI IS S</p> <p>3 If populated and ( (LNA not = C, V, N) or (the 2<sup>nd</sup> character of LSR.TOS not = P, F,R) or (LSR.SLI not = S)) and NPA NXX is Acquired WV, return error FTRLS098 SLOT PROHIBITED.</p> <p>4.If populated and dl &gt; 3 or dc is not numeric and NPA NXX is not Frontier 13 or EU.STATE does not = CT, return error FTRLS206 SLOT MUST BE 3 NUMERIC</p> <p>5.If populated and dl&gt;7, dc is not alphanumeric or virgule and NPA NXX is Frontier 13 or EU.STATE = CT, return error FTRLS207 SLOT INVALID VALUE</p> <p>6.If not populated and SHELF is populated and NPA NXX is Frontier 13 or EU.STATE = CT, return error FTRLS247 SLOT IS REQUIRED</p> <p>7.If not populated and CTI is populated, return error FTRLS248 SLOT IS REQUIRED</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						<p>8.If 2 iterations of SLOT are not populated and REQTP=AB, position 2 of LSR.TOS=P,R and LSR.SLI=B, return error FTRLS249 TWO ITERATIONS OF SLOT MUST BE PROVIDED</p> <p>9.If 2 iterations of SLOT are not populated and REQTP=AB, position 2 of LSR.TOS=F and LSR.SLI=S, return error FTRLS250 TWO ITERATIONS OF SLOT MUST BE PROVIDED</p> <p><b>Note:</b>            1.Applicable when the customer has assignment control in a collocation arrangement            2.Pin placement allows 2 three length pairs.            Ex 123/124            3. Frontier prefers the SHELF and SLOT fields to be populated instead of the CABLE ID and CHAN/PAIR field.            4.Line Share Guidelines:            If this field is utilized then the SHELF field must be populated.            If LSR ACT = D, this field is invalid.            5.Line Share Unbundled Sub-loop Arrangement (LSUSLA – SLI = B)            Guidelines:            If LSR ACT = D, this field is required.            6.SLOT is the same as PAIR or PIN</p>	
036	SPORT					<b>FRONTIER DOES NOT SUPPORT</b>	P
037	UNIT					<b>FRONTIER DOES NOT SUPPORT</b>	P
037a	RESZONE					<b>FRONTIER DOES NOT SUPPORT (FTRLS101)</b>	P
037b	LOOPQUAL – Loop Qualification Status	Indicates status of loop qualification process which is required for all premium loops.	A	1-1	C= Completed R= Required	<p>1 If not populated and LNA = N, V and 2<sup>nd</sup> position of LSR.TOS = 2 and the 3<sup>rd</sup> position of LSR.TOS = 1, 2, 3, 4, 6 and LSR.SLI = C, S, V, return error FTRLS103 LOOPQUAL REQUIRED WHEN LNA N OR V</p> <p>2. If not populated and LNA = N, V and LSR.SLI = S, V, C and position 2 of LSR.TOS = 4 and position 3 of LSR.TOS = 4, return error message: FTRLS198 LOOPQUAL REQUIRED WHEN LNA N or V AND SLI S, V or C</p> <p>3 If not populated and LNA =N, V and the 2nd position of LSR.TOS = W or X and the 3rd position of the LSR.TOS = hyphen and the LSR.SLI = C, S, V, and NPA NXX is Acquired WV, return error FTRLS199 LOOPQUAL REQUIRED WHEN LNA= N or V</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						<p>4 If not populated and LNA = N, V and the 2<sup>nd</sup> position of LSR.TOS= P or R and LSR.SLI = C,S, V and NPA NXX is Acquired WV, return error FTRLS200 LOOPQUAL REQUIRED WHEN LNA IS N or V AND 2<sup>ND</sup> CHARACTER OF TOS P or R.</p> <p>5. If not populated and LNA = N and the 2<sup>nd</sup> position of LSR.TOS= F and CTI = C and LSR.SLI = S and NPA NXX is Acquired WV, return error FTRLS201 LOOPQUAL REQUIRED WHEN LNA IS N AND 2<sup>ND</sup> CHARACTER OF TOS IS F</p> <p>6 If populated and the LNA = D, return error FTRLS104 LOOPQUAL PROHIBITED</p> <p>7 If populated and vv = R and LSR.SLI = C, V, return error FTRLS105 LOOPQUAL VALUE OF "R" IS PROHIBITED</p> <p>8. If populated and vv not = C, R, return error FTRLS106 LOOPQUAL VALUES ARE C, R.</p> <p>9. If not populated and CI = E and positions 2 and 3 of LSR.TOS = 22, 23 return error FTRLS235 LOOPQUAL REQUIRED FOR TOS VALUE WHEN CI IS E</p> <p>10.If populated and NPA NXX is not Acquired WV, return error FTRLS253 LOOPQUAL INVALID FIELD IN SERVICE TERRITORY</p> <p>Note: Field is valid in Acquired WV Only</p>	
037c	CBP1 – Cross Box Pair 1	Identifies the specific pair at the customer's meet point at the cross box located in the field.	N	1-4		<p>1.If not populated and CBCID is populated, return error FTRLS107 CBP1 REQUIRED WHEN CBCID POPULATED</p> <p>2. If populated and CBCID is not populated, return error FTRLS108 CBP1 PROHIBITED WHEN CBCID IS NOT POPULATED</p> <p>3. If populated and dl &gt; 4 return error FTRLS109 INVALID CBP1 DATA LENGTH</p> <p>4. If populated and dc not = numeric return error FTRLS110 INVALID CBP1 DATA MUST BE NUMERIC.</p>	O



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
037d	CBP2 – Cross Box Pair 2	Identifies the specific pair at the customer's meet point at the cross box located in the field.	N	1-4		<p>1.If not populated and CBCID2 is populated, return error FTRLS111 CBP2 REQUIRED WHEN CBCID2 IS POPULATED</p> <p>2. If populated and the CBCID2 is not populated return error FTRLS112 CBP2 PROHIBITED WHEN CBCID2 IS NOT POPULATED</p> <p>3. If populated and dl &gt; 4 return error FTRLS113 CBP2 LENGTH INVALID</p> <p>4. If populated and dc not numeric, return error FTRLS114 CBP2 MUST BE NUMERIC</p>	O
038	JK CODE – Jack Code	Identifies the standard code for the particular registered or non-registered jack used to terminate the service	AN	1-5		<p>1.If populated and dl &gt;than 5 characters, return error FTRLS115 INVALID JK CODE LENGTH.</p> <p><b>Note:</b> Familiarization with the FCC's registration rules is requisite for all parties involved for the determination of the proper jack code for a given registered service. Registered jacks used to terminate category 1 and 3 services begin with the designation "RJ".</p>	O
039	JK NUM – Jack Number	Identifies the number of the jack used on end user connections	AN	1-2		<p>1.If not populated and the LSR.SLI =H and the 2<sup>nd</sup> position of the LSR.TOS = 1 return error FTRLS116 JK NUM REQUIRED</p> <p>2.If populated and dl &gt; 2 return error FTRLS117 INVALID JK NUM LENGTH.</p> <p><b>Note:</b> When the jack identification is unknown, enter "99" in this field.</p>	O
040	JK POS – Jack Position	Identifies the position in the jack that a particular service will occupy.	N	1-2	01-99	<p>1.If not populated and LSR.SLI =H and the 2<sup>nd</sup> position of the LSR.TOS = 1return error FTRLS118 JK POS REQUIRED</p> <p>2. If populated and dl &gt;2 return error FTRLS119 INVALID JK POS LENGTH.</p> <p>3. If populated and dc not = numeric return error FTRLS120 JK POS MUST BE NUMERIC.</p> <p><b>Note:</b> When the jack position is unknown, enter "99" in this field to specify next available position.</p>	O
041	JR					<b>FRONTIER DOES NOT SUPPORT</b>	P
042	IWT					<b>FRONTIER DOES NOT SUPPORT</b>	P



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
043	NIDR - NID Request	Indicates a request for a new Network Interface Device (NID).	A	1-1	A=2 Wire UNE NID B=4 Wire UNE NID C=DS1 UNE NID	1.If not populated and the 2 <sup>nd</sup> position of LSR.TOS = Z return error FTRLS121 NIDR REQUIRED  2. If populated and the 2 <sup>nd</sup> position of the LSR.TOS not = Z return error FTRLS122 NIDR PROHIBITED  3. If populated and vv not = A, B, C, return error FTRLS123 NIDR VALUES A, B, C	O
044	IWJK		AN	1-5		<b>FRONTIER DOES NOT SUPPORT</b>	P
045	IWJQ		N	2		<b>FRONTIER DOES NOT SUPPORT</b>	P
046	DISC NBR	.	N	10-10		<b>FRONTIER DOES NOT SUPPORT</b>	P
047	TERS					<b>FRONTIER DOES NOT SUPPORT</b>	P
048	TC OPT - Transfer of Call Options					<b>FRONTIER DOES NOT SUPPORT (FTRLS128)</b>	P
049	TC TO PRI - Transfer of Calls To Primary Number					<b>FRONTIER DOES NOT SUPPORT (FTRLS131)</b>	P
050	TC TO SEC – Transfer of Calls To Secondary Number					<b>FRONTIER DOES NOT SUPPORT (FTRLS135)</b>	P
051	TCID – Transfer of Calls To Identifier					<b>FRONTIER DOES NOT SUPPORT (FTRLS139)</b>	P
052	TC NAME – Transfer of Calls To Name					<b>FRONTIER DOES NOT SUPPORT (FTRLS143)</b>	P
052a	TCID 2 - Transfer of Calls To Identifier 2					<b>FRONTIER DOES NOT SUPPORT (FTRLS151)</b>	P
052b	TC NAME 2 – Transfer of Calls To Name 2					<b>FRONTIER DOES NOT SUPPORT (FTRLS155)</b>	P



FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
053	TC PER – Transfer of Calls Period					FRONTIER DOES NOT SUPPORT (FTRLS159)	P
054	LEAN					FRONTIER DOES NOT SUPPORT	P
055	LEATN					FRONTIER DOES NOT SUPPORT	P
056	REMARKS					FRONTIER DOES NOT SUPPORT	P

**APPENDIX A: ERROR MESSAGES**

Error Message Number	Error Message Text
FTRLS001	INVALID LQTY LENGTH
FTRLS002	INVALID VALUE. LQTY MUST BE NUMERIC
FTRLS003	UDSPEED REQUIRED
FTRLS004	UDSPEED PROHIBITED
FTRLS005	UDSPEED INVALID DATA LENGTH
FTRLS006	UDSPEED INVALID ONLY SPECIAL CHARACTER ALLOWED IS COMMA.
FTRLS007	LNA = R ONLY VALID WHEN ACT = R
FTRLS008	LNA MUST=R WHEN ACT=R
FTRLS009	INVALID LNUM LENGTH
FTRLS010	INVALID VALUE. LNUM MUST BE NUMERIC
FTRLS011	LNA MUST BE N
FTRLS012	LNA MUST BE D,N, V
FTRLS013	LNA MUST BE N,C,D,M,P
FTRLS014	LNA MUST BE D.
FTRLS015	LNA MAY ONLY BE N, C, D, M, R, T, V, OR P
FTRLS016	SHARED LINE TELEPHONE NUMBER REQUIRED
FTRLS017	SHARED LINE TELEPHONE NUMBER-PROHIBITED
FTRLS018	INVALID SLTN LENGTH.
FTRLS019	INVALID SLTN MUST BE NUMERIC.
FTRLS020	LNA MUST=N WHEN ACT=T
FTRLS021	INVALID CUSTOMER CIRCUIT REFERENCE LENGTH.
FTRLS022	INVALID VALUE. THE ONLY SPECIAL CUSTOMER CIRCUIT REFERENCE CHARACTERS ALLOWED ARE AMPERSAND, APOSTROPE, ASTERISK, PARENTHESES, COLON, COMMA, DOLLAR SIGN, QUOTE, SEMICOLON, SPACE, PERIOD.
FTRLS023	REUSE LOOP REQUIRED
FTRLS024	
FTRLS025	INVALID REUSE LOOP .THE ONLY VALID ENTRY IS Y
FTRLS026	OUT EXCHANGE COMPANY CIRCUIT ID REQUIRED WHEN RL FIELD IS POPULATED.
FTRLS027	OUT EXCHANGE COMPANY CIRCUIT ID PROHIBITED WHEN RL FIELD NOT POPULATED.





Error Message Number	Error Message Text
FTRLS028	INVALID OECCKT DATA LENGTH
FTRLS029	INVALID OECCKT VALUE THE ONLY SPCECIAL CHARACTERS ALLOWED ARE VIRGULES WITHIN THE SERIAL NUMBER FORMAT.
FTRLS030	TSP PROHIBITED
FTRLS031	TSP REQUIRED
FTRLS032	INVALID TSP DATA LENGTH.
FTRLS033	INVALID DATA THE ONLY SPECIAL TSP CHARACTER ALLOWED IS A HYPHEN
FTRLS034	CHANGE INDICATOR REQUIRED
FTRLS035	CHANGE INDICATOR PROHIBITED
FTRLS036	LNA VALID VALUE = C, D, M, N WHEN ACT=M
FTRLS037	OECCKT REQUIRED
FTRLS038	TNT REQUIRED IF DSPTCH IS POPULATED
FTRLS039	TNT VALID VALUE = A,B,D
FTRLS040	SAN VALID VALUES "K" OR "KL OR "LK" ARE PROHIBITED
FTRLS041	SAN VALID VALUES "A", "B", "C", "D", "E", "F", "H", "J" ARE PROHIBITED.
FTRLS042	SAN VALUE OF "L" IS PROHIBITED AS A SOLE ENTRY.
FTRLS043	SAN REQUIRED
FTRLS044	SAN IS PROHIBITED.
FTRLS045	INVALID SAN LENGTH. CANNOT EXCEED 30 CHARACTERS
FTRLS046	THE ONLY VALID SAN VALUES ARE A B C D E F H J K L.
FTRLS047	INVALID SAN CHARACTERS
FTRLS048	ECCKT REQUIRED
FTRLS049	TELEPHONE NUMBER ONLY VALID IF LNA=C OR D.
FTRLS050	ECCKT ONLY SPECIAL CHARACTERS ALLOWED ARE VIRGULES
FTRLS051	ECCKT LENGTH MAY NOT EXCEED 41 CHARACTERS
FTRLS052	CFA REQUIRED
FTRLS053	INVALID CFA LENGTH.
FTRLS054	CFA CHARACTERS ALLOWED A/N-HYPHEN, PERIOD, SPACE
FTRLS055	CCEA REQUIRED
FTRLS056	CCEA PROHIBITED
FTRLS057	ONLY VALID CCEA VALUE A, B, C, D, E, F, G, H
FTRLS058	SYSTEM ID REQUIRED
FTRLS059	SYSTEM ID PROHIBITED
FTRLS060	
FTRLS061	SYSTEM ID MUST BE 3 ALPHA FOLLOWED BY 2 NUMERIC.
FTRLS062	CTI REQUIRED
FTRLS063	CTI MAY ONLY BE B
FTRLS064	
FTRLS065	SYSTEM ID, SHELF AND CHAN/PAIR REQUIRED.
FTRLS066	SHELF, SLOT AND RELAY RACK ARE REQUIRED.
FTRLS067	INVALID CTI VALID ENTRIES ARE "B" AND "C".
FTRLS068	



Error Message Number	Error Message Text
FTRLS069	CABLE ID PROHIBITED
FTRLS070	
FTRLS071	
FTRLS072	
FTRLS073	LNA MUST = D,V WHEN CHC=A,B
FTRLS074	CROSS BOX CABLE IDENTIFICATION REQUIRED
FTRLS075	CBCID PROHIBITED
FTRLS076	INVALID CBCID LENGTH
FTRLS077	CBCID2 REQUIRED
FTRLS078	CBCID2 PROHIBITED
FTRLS079	INVALID CBCID2 DATA LENGTH.
FTRLS080	VPID REQUIRED
FTRLS081	VPID PROHIBITED.
FTRLS082	VPID MAY ONLY BE AB OR AE
FTRLS083	VPI REQUIRED WHEN THE VPID FIELD IS POPULATED
FTRLS084	VPI PROHIBITED WHEN THE VPID IS NOT POPULATED
FTRLS085	RECCKT SPECIAL CHARACTER VIRGULES
FTRLS086	INVALID VPI DATA MUST BE NUMERIC
FTRLS087	VCI REQUIRED WHEN VPID POPULATED
FTRLS088	VCI PROHIBITED WHEN VPID IS NOT POPULATED
FTRLS089	INVALID VCI DATA LENGTH.
FTRLS090	INVALID VCI DATA, MUST BE NUMERIC
FTRLS091	RELAY RACK REQUIRED
FTRLS092	RELAY RACK PROHIBITED
FTRLS093	RELAY RACK MUST BE 10 CHARACTERS
FTRLS094	SHELF REQUIRED
FTRLS095	
FTRLS096	SHELF MUST BE 2 NUMERIC
FTRLS097	SLOT REQUIRED
FTRLS098	SLOT PROHIBITED
FTRLS099	
FTRLS100	
FTRLS101	RESZONE PROHIBITED
FTRLS102	CFA PROHIBITED
FTRLS103	LOOPQUAL REQUIRED WHEN LNA N OR V
FTRLS104	LOOPQUAL PROHIBITED
FTRLS105	LOOPQUAL VALUE OF "R" IS PROHIBITED
FTRLS106	LOOPQUAL VALUES ARE 'C' OR 'R'.
FTRLS107	CBP1 REQUIRED WHEN CBCID POPULATED
FTRLS108	CBP1 PROHIBITED WHEN CBCID IS NOT POPULATED.
FTRLS109	INVALID CBP1 DATA LENGTH
FTRLS110	INVALID CBP1 DATA MUST BE NUMERIC..



Error Message Number	Error Message Text
FTRLS111	CBP2 REQUIRED WHEN CBCID2 IS POPULATED
FTRLS112	CBP2 PROHIBITED WHEN CBCID2 IS NOT POPULATED
FTRLS113	CBP2LENGTH INVALID
FTRLS114	CBP2 MUST BE NUMERIC
FTRLS115	INVALID JK CODE LENGTH.
FTRLS116	JK NUM REQUIRED
FTRLS117	INVALID JK NUM LENGTH
FTRLS118	JK POSITION REQUIRED
FTRLS119	INVALID JK POS LENGTH.
FTRLS120	JK POS MUST BE NUMERIC.
FTRLS121	NIDR REQUIRED
FTRLS122	NIDR PROHIBITED
FTRLS123	NIDR VALUES 'A', 'B' OR 'C'.
FTRLS124	
FTRLS125	
FTRLS126	
FTRLS127	
FTRLS128	TCOPT FIELD PROHIBITED ON LS FORM
FTRLS129	
FTRLS130	
FTRLS131	TCTOPRI FIELD PROHIBITED ON LS FORM
FTRLS132	
FTRLS133	
FTRLS134	
FTRLS135	TCTOSEC FIELD PROHIBITED ON LS FORM
FTRLS136	
FTRLS137	
FTRLS138	
FTRLS139	TCID FIELD PROHIBITED ON LS FORM
FTRLS140	
FTRLS141	
FTRLS142	
FTRLS143	TCNAME FIELD PROHIBITED ON LS FORM
FTRLS144	
FTRLS145	
FTRLS146	
FTRLS147	
FTRLS148	SLTN CANNOT BE UNE-PLATFORM OR LINE SPLIT
FTRLS149	
FTRLS150	
FTRLS151	TCID2 FIELD PROHIBITED ON LS FORM
FTRLS152	



Error Message Number	Error Message Text
FTRLS153	
FTRLS154	
FTRLS155	TCNAME2 FIELD PROHIBITED ON LS FORM
FTRLS156	
FTRLS157	
FTRLS158	
FTRLS159	TCPER FIELD PROHIBITED ON LS FORM
FTRLS160	TNT PROHIBITED FOR SERVICE TERRITORY
FTRLS161	
FTRLS162	
FTRLS163	
FTRLS164	
FTRLS165	
FTRLS166	
FTRLS167	
FTRLS168	RELAY RACK MUST BE 3 ALPHA FOLLOWED BY 3 NUMERICS WHEN ORDERING LINE SHARING, LINE SPLITTING OR LOOP SHARING
FTRLS169	LQTY IS REQUIRED
FTRLS170	LNUM IS REQUIRED
FTRLS171	LNA IS REQUIRED
FTRLS172	
FTRLS173	LOCNUM REQUIRED
FTRLS174	LOCNUM CANNOT EXCEED 3 CHARACTERS
FTRLS175	LOCNUM MUST BE NUMERIC
FTRLS176	CHAN/PAIR IS PROHIBITED
FTRLS177	SHELF MUST BE 2-6 ALPHA NUMERIC
FTRLS178	
FTRLS179	
FTRLS180	
FTRLS181	RECCKT PROHIBITED
FTRLS182	VPID2 REQUIRED.
FTRLS183	VPID2 PROHIBITED
FTRLS184	VPID2 VALUES BB OR BE
FTRLS185	VPI2 REQUIRED WHEN VPID2 POPULATED
FTRLS186	VPI2 PROHIBITED WHEN VPID2 NOT POPULATED
FTRLS187	VPI2 VALUE 0 OR 8.
FTRLS188	VC12 REQUIRED WHEN VPID2 POPULATED
FTRLS189	VC12 PROHIBITED WHEN VPID2 NOT POPULATED
FTRLS190	RECCKT REQUIRED.
FTRLS191	RELAY RACK REQUIRED
FTRLS192	SHELF REQUIRED
FTRLS193	



Error Message Number	Error Message Text
FTRLS194	CFA PROHIBITED
FTRLS195	SYSTEM ID INVALID FIELD FOR SERVICE TERRITORY
FTRLS197	SLOT REQUIRED WHEN LNA IS N, CTI IS C AND SLI IS S....
FTRLS198	LOOPQUAL REQUIRED WHEN LNA N OR V AND SLI S, V OR C...
FTRLS199	LOOPQUAL REQUIRED WHEN LNA= N OR V...
FTRLS200	LOOPQUAL REQUIRED WHEN LNA IS N OR V AND 2 <sup>ND</sup> CHARACTER OF TOS P OR R.
FTRLS201	LOOPQUAL REQUIRED WHEN LNA IS N AND 2 <sup>ND</sup> CHARACTER OF TOS IS F
FTRLS202	CHAN/PAIR REQUIRED
FTRLS203	INVALID VPI LENGTH
FTRLS204	
FTRLS205	CHAN/PAIR MUST BE 5 NUMERIC CHARACTERS.
FTRLS206	SLOT MUST BE 3 NUMERIC
FTRLS207	SLOT INVALID VALUE
FTRLS208	
FTRLS209	RELAY RACK PROHIBITED
FTRLS210	RELAY RACK PROHIBITED
FTRLS211	REUSE LOOP PROHIBITED
FTRLS212	
FTRLS213	
FTRLS214	VC1 VALID VALUES ARE 32 TO 1023
FTRLS215	
FTRLS216	
FTRLS217	SAN REQUIRED
FTRLS218	CHAN/PAIR INVALID FOR SERVICE TERRITORY
FTRLS219	CTI REQUIRED
FTRLS220	CBCID REQUIRED
FTRLS221	
FTRLS222	TSP PROHIBITED
FTRLS223	VC12 VALUES ARE 32 AND 35
FTRLS224	TSP PROHIBITED
FTRLS225	INVALID RECCKT DATA LENGTH
FTRLS226	CTI PROHIBITED
FTRLS227	CTI PROHIBITED
FTRLS228	
FTRLS229	SHELF PROHIBITED FOR FRONTIER
FTRLS230	
FTRLS231	INVALID CI VALUE. THE ONLY VALID VALUES ARE A OR B OR C OR D OR E
FTRLS232	INVALID CI VALUE FOR TOS
FTRLS233	CUSTOMER CIRCUIT REFERENCE REQUIRED
FTRLS234	
FTRLS235	LOOPQUAL REQUIRED FOR TOS VALUE WHEN CI IS E
FTRLS236	SAN VALUE A REQUIRED WHEN VALUES B, C, D, E, F, H OR J PRESENT



Error Message Number	Error Message Text
FTRLS237	SYSTEM ID REQUIRED
FTRLS238	
FTRLS239	CHAN/PAIR REQUIRED
FTRLS240	SHELF REQUIRED
FTRLS241	SAN IS PROHIBITED
FTRLS242	
FTRLS243	SHELF REQUIRED
FTRLS244	SHELF REQUIRED
FTRLS245	SHELF REQUIRED WHEN CTI IS POPULATED
FTRLS246	
FTRLS247	SLOT IS REQUIRED
FTRLS248	SLOT IS REQUIRED
FTRLS249	TWO ITERATIONS OF SLOT MUST BE PROVIDED
FTRLS250	TWO ITERATIONS OF SLOT MUST BE PROVIDED
FTRLS251	
FTRLS252	
FTRLS253	LOOPQUAL INVALID FIELD IN SERVICE TERRITORY

**APPENDIX B – CHANGE CONTROL LOG**

DATE	FIELD	REVISION NUMBER	CHANGE
03/17/2023	All	June 2023 Release	Update version to 9.30.26
07/12/2024	All	October 2024 Release	Update version to 9.30.28
11/18/2024	All	February 2025 Release	Updated version to 9.30.29
07/18/2025	All	October 2025 Release	Update version to 9.30.30