

## Northwest Four States (NWF) Version 9.30.20.1 LS FORM

# NWF Local Business Rules Version: 9.30.20.1

### LS FORM

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#### Contents

S	ection: ADMINISTRATIVE	4
	LQTY - Loop Quantity	4
S	ection: SERVICE DETAILS	4
	LOCNUM – Location Number	4
	LNUM - Line Number	4
	LNA - Line Activity	5
	SLTN - Shared Line Telephone Number	6
	CKR - Customer Circuit Reference	6
	TSP - Telecommunications Service Priority	6
	CI Change Indicator	7
	TNT - Test and Tag Requested	7
	SAN - Subscriber Authorization Number	8
	ECCKT - Exchange Company Circuit ID	9
	RL - Reuse Loop	9
	OECCKT - Out Exchange Company Circuit ID	
	CFA - Connecting Facility Assignment	10
	CCEA - Cross Connect Equipment Assignment	11
	RECCKT - Related Exchange Company Circuit ID	12
	VPID - Virtual Path Indicator	12
	VPI - Virtual Path Identifier	12
	VCI - Virtual Circuit Identifier	13
	VPID2 - Virtual Path Indicator 2	13
	VPI2 - Virtual Path Identifier 2	13
	VCI2 - Virtual Circuit Identifier 2	14
	UDSPEED - Upstream and Downstream Speed	
	SYSTEM ID - System Identification	14
	CTI - Connection Type Indicator	15
	CABLE ID	16

#### Version: 9.30.20.1

#### LS FORM Effective: 05/01/2020

CBCID – Cross Box Cable Identification	16
CBCID2 - Cross Box Cable Identification 2	16
CHANPAIR - Channel/ Pair	17
RELAY RACK – Relay Rack	17
SHELF - Shelf	19
SLOT - Slot	20
RESZONE	21
CBP1 – Cross Box Pair 1	21
CBP2 – Cross Box Pair 2	22
JK CODE – Jack Code	22
JK NUM – Jack Number	22
JK POS – Jack Position	22
NIDR - NID Request	23
DISC NBR – Disconnect Telephone Number	23
TC OPT - Transfer of Call Options	23
TC TO PRI - Transfer of Calls To Primary Number	24
TC TO SEC – Transfer of Calls To Secondary Number	24
TCID – Transfer of Calls To Identifier	24
TC NAME – Transfer of Calls To Name	25
TCID 2 - Transfer of Calls To Identifier 2	25
TC NAME 2 – Transfer of Calls To Name 2	25
TC PER – Transfer of Calls Period	26
PPENDIX A: ERROR MESSAGES	26
PPENDIX B – CHANGE CONTROL LOG	33

#### **NWF Local Business Rules** Version: 9.30.20.1

### LS FORM

Effective: 05/01/2020

FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
	a: ADMINIS	TRATIVE					
001	PON					FIELD NOT SUPPORTED	Р
002	VER					FIELD NOT SUPPORTED	Р
003	AN					FIELD NOT SUPPORTED	Р
004	ATN					FIELD NOT SUPPORTED	Р
005	LQTY - Loop Quantity	Identifies the quantity of loops involved in this service request.	N	1-5		<ol> <li>If populated and dl &gt; 5 characters return error NWFLS001 INVALID LQTY LENGTH.</li> <li>If populated and dc not = numeric return error NWFLS002 INVALID VALUE. LQTY MUST BE NUMERIC</li> </ol>	R
						3. If not populated return error message: NWFLS169 LQTY IS REQUIRED	
006	PG_of_					FIELD NOT SUPPORTED	Р
	n: SERVICE						
007	LOCNUM - Location Number	Identifies the service location number for the service requested	N	1-3		<ol> <li>If not populated return error message NWFLS173 LOCNUM REQUIRED</li> <li>If populated and dl &gt;3 return error message NWFLS174 LOCNUM CANNOT EXCEED 3 CHARACTERS</li> <li>If populated and dc not = numeric return error message</li> </ol>	R
						NWFLS175 LOCNUM MUST BE NUMERIC	
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 NWFLS009 INVALID LNUM LENGTH.  2. If populated and dc not = numeric return error NWFLS010 INVALID VALUE LNUM MUST BE NUMERIC  3. If not populated return error message: NWFLS170 LNUM IS REQUIRED Note:  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. EXAMPLE A: LOCNUM 001 - LNUM 00001	R

	on: 9.30.2					Effective: 05/01/2020	
FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
NDIX.	Hamo		Ona	Longin	or values	LOCNUM 001 - LNUM 00002 LOCNUM 001 - LNUM 00003	
009	LNA - Line Activity	Identifies the activity involved at	А	1-1	N= New Installation and/or account	1 If populated and vv not = N and LSR.ACT=N RETURN ERROR NWFLS011 LNA MUST BE N	R
		the line level.			C= Change an existing account, e.g., rearrangement, partial disconnect or addition	2. If populated and vv not = D, N, V, and LSR.ACT=V RETURN ERROR NWFLS012 LNA MUST BE D,N, V	
					D= Disconnection	3.If populated and vv does not = N, C, D, M, P, and LSR.ACT=C, return error NWFLS013 LNA MUST BE	
		physical termination within a building  4. If populated and vv not = D an P=DSL Premise Service  ERROR NWFLS014 LNA MUST	N,C,D,M,P				
					4. If populated and vv not = D and LSR.ACT=D RETURN ERROR NWFLS014 LNA MUST BE D.		
					R= Record activity is for ordering administrative changes	5. If populated and vv does not = N, C, D, M, R, T, V, or P RETURN ERROR NWFLS015 LNA MAY ONLY BE N, C, D, M, R, T, V, OR P	
					T= Outside move of end user location	6. If not populated return error message: NWFLS171 LNA IS REQUIRED.	
					V= Conversion of service to new LSP	7.If populated and vv does not = D,V and LSR.CHC=A,B, return error NWFLS073 LNA MUST = D,V WHEN CHC=A,B	
						8.If populated and vv = R and LSR.ACT does not = R, then return error NWFLS007 LNA = R ONLY VALID WHEN ACT = R	
						9.If populated and vv does not = R and ACT = R, then return error NWFLS008 LNA MUST=R WHEN ACT=R	
						10.If populated and vv does not = N and LSR.ACT = T, then return error NWFLS020 LNA MUST=N WHEN ACT=T	
						11.If populated and vv does not = C, D, M, N and LSR.ACT = M, then return error NWFLS036 LNA VALID VALUE = C, D, M, N WHEN ACT=M	
						Note: Line Share Guidelines (Valid ACT to LNA combination)	

LS FORM

Field Name   Definition   Data Char   Field Char   Field Char   Char   Field Char	Versio	n: 9.30.2	20.1				Effective: 05/01/2020	
SLTN   Identifies the and user Relephone Number   If ACT = Men LNA = R   If ACT = Cene LNA = R   If ACT = R   I				Data	Field	Valid Values / Range		R/O/P
SLTN - Shared   Sha	NBR	Name		Char	Length	of Values		
## Provisioning   Page   Page							If ACT = C then LNA = R	
D11	010	Shared Line Telephone	end user telephone number(s) for line sharing or	N	10-10	NNNNNNNN	error NWFLS016 SHARED LINE TELEPHONE NUMBER REQUIRED  2. If populated and position 2 of the LSR.TOS not = P or R return error NWFLS017 SHARED LINE TELEPHONE NUMBER PROHIBITED.  3. If populated and dl not = 10 characters return error NWFLS018 INVALID SLTN LENGTH.  4. If populated and vv not = numeric characters return error NWFLS019 INVALID SLTN MUST BE NUMERIC.  5. If populated and LSR.REQTYP=AB, LSR.ACT=N and position 2 of LSR.TOS does not = P, return error NWFLS148	0
CKR - Customer Circuit Reference  AN & '* ():, \$-# % + : . space  1. If populated and dl > 41 characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  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, NWFLS022 INVALID VALUE. THE ONLY SPECIAL CUSTOMER CIRCUIT REFERENCE CHARACTERS ALLOWED ARE AMPERSAND, APOSTROPE, ASTERISK, PARENTHESES, COLON, COMMA, DOLLAR SIGN, QUOTE, SEMICOLON, SPACE, PERIOD.  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.  1. If populated and 1st character LSR.TOS = 2, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  2. If populated and special characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  2. If populated and special characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  2. If populated and special characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  2. If populated and special characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  2. If populated and special characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  3. If populated and special characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  4. If populated and special characters, return error NWFLS021 INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  5. # % + : . space  1. If populated and st character LSR.TOS = 2, return error NWFLS021 TSP PROHIBITED							FIELD NOT SUPPORTED	
Customer Circuit Reference  Apostrophe, Asterisk, Parentheses, Colon, Comma, Dollar  Sign, Hyphen, Number Sign, Percent, Plus Sign, Quote, Semicolon, Space, Period return error, NWFLS022  INVALID VALUE. THE ONLY SPECIAL CUSTOMER  CIRCUIT REFERENCE LENGTH  Colon, Comma, Dollar  Sign, Hyphen, Number Sign, Percent, Plus Sign, Quote, Semicolon, Space, Period return error, NWFLS030 TSP PROHIBITED  Colon, Comma, Dollar  Sign, Hyphen, Number Sign, Percent, Plus Sign, Quote, Semicolon, Space, Period return error, NWFLS030 TSP PROHIBITED  Colon, Comma, Dollar  Circuit Reference  Apostrophe, Asterisk, Parentheses, Colon, Comma, Dollar  Sign, Hyphen, Number Sign, Percent, Plus Sign, Quote, Semicolon, Space, Period return error, NWFLS030 TSP PROHIBITED	012	BTRL					FIELD NOT SUPPORTED	Р
014 TSP - Indicates the N 12-12 11. If populated and 1st character LSR.TOS = 2, return error ONWELS030 TSP PROHIBITED	013	Customer Circuit	circuit number assigned by	& '*():, \$-#%+:	1-41		INVALID CUSTOMER CIRCUIT REFERENCE LENGTH  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,NWFLS022 INVALID VALUE. THE ONLY SPECIAL CUSTOMER CIRCUIT REFERENCE CHARACTERS ALLOWED ARE AMPERSAND, APOSTROPE, ASTERISK, PARENTHESES, COLON, COMMA, DOLLAR SIGN, QUOTE, SEMICOLON, SPACE, PERIOD.  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	0
	014	_	provisioning		12-12		1. If populated and 1st character LSR.TOS = 2, return error	0

LS FORM

Version: 9.30.20.1 Effective: 05/01/2020

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FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P			
NBR	Name		Char	Length	of Values					
NDK	unications Service Priority	restoration priority as defined under the TSP Service Vendor Handbook	Criar	Length	Of values	2.If not populated and the CI field = D return error NWFLS031 TSP REQUIRED  3 If populated and the 2nd character of the LSR.TOS = P or R return error NWFLS222 TSP PROHIBITED  4.If populated and dl not = 12 characters return error NWFLS032 INVALID TSP DATA LENGTH.  5.If populated and dc special character not = hyphen return error NWFLS033 INVALID DATA THE ONLY SPECIAL CHARACTER ALLOWED IS A HYPHEN  6. If populated and CI not = D and LNA not = D, N, V or W return error message NWFLS224 TSP PROHIBITED  Note:  1.A TSP code ending in "OO" indicates "revocation", the removal of a				
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	previously assigned TSP code 2.These codes are assigned by the TSP Program Office  1.If not populated and the LNA = C return error NWFLS034 CHANGE INDICATOR REQUIRED  2 If populated and the LNA not = C return error NWFLS035 CHANGE INDICATOR PROHIBITED  3. If populated and vv are not A, B, C, D, E return error NWFLS231 INVALID CI VALUE. THE ONLY VALID VALUES ARE A OR B OR C OR D OR E  4. If populated and vv = E and position 2 and 3 of LSR.TOS is not = 1-, 2-, 22, 23 and NPA NXX Flag does not = F, return error message NWFLS232 INVALID CI VALUE FOR TOS	0			
015	TNT - Test and Tag Requested	Identifies the customer is requesting additional testing and tagging beyond that which is included with	A	1-1	A=Testing required B=Tag pairs at demarcation D=Test & Tag	1.If populated and vv does not = A,B,D return error message NWFLS039 TNT VALID VALUE = A,B,D  2.If not populated and LSR.DSPTCH is populated, and NPA NXX Flag = F return error NWFLS038 TNT REQUIRED IF DSPTCH IS POPULATED	0			

LS FORM

Versio	n: 9.30.2	20.1				Effective: 05/01/2020	
FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
		the product ordered				3. If populated and NPA NXX Flag does not = F, return error NWFLS160 TNT PROHIBITED FOR SERVICE TERRITORY	
016	SAN - Subscriber Authorizati on 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 Enduser premises  D= Install Jack or Rewire existing Jack  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.	<ol> <li>1.If populated and vv = K or KL or LK and the 2nd position of LSR.TOS = R return error NWFLS040 SAN VALID VALUES K, KL, LK ARE PROHIBITED</li> <li>2. If populated and vv = A, B, C, D, E, F, H, J and K, KL, LK are also present return error NWFLS041 SAN VALID VALUES A, B, C, D, E, F, H, J ARE PROHIBITED.</li> <li>3. If populated and vv = L return error NWFLS042 SAN VALUE OF L IS PROHIBITED AS A SOLE ENTRY.</li> <li>4. If not populated and LNA = P and position 2 of LSR.TOS = R return error NWFLS043 SAN REQUIRED.</li> <li>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 NWFLS217 SAN REQUIRED</li> <li>6. If populated and LNA not= N or P return error message NWFLS044 SAN IS PROHIBITED.</li> <li>7. If populated and dI &gt; than 30 characters return error NWFLS045 INVALID SAN LENGTH. CANNOT EXCEED 30 CHARACTERS.</li> <li>8. If populated and contains alpha values other than A,B,C,D,E,F,H,J,K,L return error NWFLS046 THE ONLY VALID SAN VALUES ARE A, B, C, D, E, F, H, J, K, L.</li> <li>9. If populated and dc special character not = Ampersand, Apostrophe, Asterisk Parentheses, Colon, Comma, Dollar Sign, Hyphen, Number Sign, , Quote, , Space, Period return error NWFLS047 INVALID SAN CHARACTERS</li> <li>10. If populated and vv contains B, C, D, E, F, H or J and vv A is not present return error message NWFLS236 SAN VALUE</li> </ol>	0

LS FORM

Version: 9.30.20.1 Effective: 05/01/2020

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FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name		Char	Length	of Values		
						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 2nd character of LSR.TOS is not = F and the CTI is not = C and the 2 <sup>nd</sup> and 3rd characters of LSR.TOS is not = 21, 22, 23, 24, 26, W- or X- return error message NWFLS241 SAN IS PROHIBITED	
017	ECCKT - Exchange Company Circuit ID	Identifies a provider's circuit identification	AN /	1-41	TELEPHONE NUMBER FORMAT: NPANXXXXX  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 NWFLS048 ECCKT REQUIRED  2. If populated and dl = 10 and LNA not = C or D, return error NWFLS049 ECCKT-TELEPHONE NUMBER ONLY VALID IF LNA= C OR D.  3. If populated and dc special characters not = virgules return error NWFLS050 ECCKT ONLY SPECIAL CHARACTERS ALLOWED ARE VIRGULES  4. If populated and dl > 41 return error NWFLS051 ECCKT LENGTH MAY NOT EXCEED 41 CHARACTERS  Note:  1. The format of the field is defined by the provider 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.	0
018	RL - Reuse Loop	Identifies the desire to reuse the loop from an existing service arrangement for this request.	A	1-1	Y=YES	1.If not populated and the 2 <sup>nd</sup> position LSR.TOS = F and the LNA = V return error message NWFLS023 REUSE LOOP REQUIRED  2.If populated and vv not = Y, return error NWFLS025 INVALID REUSE LOOP. THE ONLY VALID ENTRY IS Y  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 NWFLS211 REUSE LOOP PROHBITED	0

LS FORM

Versic	n: 9.30.2	20 1				Effective: 05/01/2020	
FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name		Char	Length	of Values		1.20/
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	TELEPHONE NUMBER FORMAT: NPANXXXXX  SERIAL NUMBER FORMAT: Prefix/service code and modifier/serial number/suffix code/AP code/segment name (if applicable).	1.If not populated and RL field is populated, return error NWFLS026 OUT EXCHANGE COMPANY CIRCUIT ID REQUIRED WHEN RL FIELD IS POPULATED.  2. If populated and the RL field is not populated, return error NWFLS027 OUT EXCHANGE COMPANY CIRCUIT ID PROHIBITED WHEN RL FIELD NOT POPULATED.  3.If populated and dl < 10 or > 30 characters, return error NWFLS028 INVALID OECCKT DATA LENGTH.  4.If populated and dc special characters not = virgules return error NWFLS029 INVALID OECCKT VALUE THE ONLY SPCECIAL CHARACTERS ALLOWED ARE VIRGULES WITHIN THE SERIAL NUMBER FORMAT.  5.If not populated and position 1 of LSR.REQTYP = A, position 2 of LSR.TOS=F and LNA=V, return error NWFLS037 OECCKT REQUIRED  Note:  1.The format of the field is defined by the provider  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	O
020	RESID					FIELD NOT SUPPORTED	Р
021	CFA - Connecting Facility Assignmen t	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 NWFLS052 CFA REQUIRED  2.If populated and dl > than 42 characters return error NWFLS053 INVALID CFA LENGTH.  3. If populated and dc special characters not = Hyphen, Period, Space, return error NWFLS054 CFA CHARACTERS ALLOWED A/N-HYPHEN, PERIOD, SPACE.	0

LS FORM

Version: 9.30.20.1 Effective: 05/01/2020

LS FORM

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FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name		Char	Length	of Values		
NBR	Name		Char	Length		4.If populated and position 2 of LSR.TOS=P,R and LSR.SLI=B, return error NWFLS102 CFA PROHIBITED  5.If populated and LSR.REQTYP=AB, LSR.ACT=V, position 2 of LSR.TOS=F and CTI=C, return error NWFLS194 CFA PROHIBITED  Format: 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	
022	CCEA - Cross Connect Equipment Assignmen t	Identifies the requested Data Rate Test at the time of DSL Premise Service Portfolio	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	facility location codes. Valid values are outlined in Telcordia Technologies practice BR-795-100-100 (8 or 11 alpha/numeric characters).  Note:  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  1.If not populated and SAN = K, KL, LK return error NWFLS055 CCEA REQUIRED  2.If populated and SAN not = K, KL, LK return error NWFLS056 CCEA PROHIBITED	0

Version: 9.30.20.1

FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name	(DSLPSP) installation	Char	Length	of Values	3.If populated and vv not = A,B,C,D,E,F,G,H, return error NWFLS057 ONLY VALID CCEA VALUE A,B,C,D,E,F,G,H  Note: Valid for DSL Premise Service Portfolio (DSLPSP) only. Invalid for DSL Premise Service (DSLPS).	
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 NWFLS190 RECCKT REQUIRED  2 If populated and ((LSR SLI not = C, V) or (the LNA not = N, C)) return error NWFLS181 RECCKT PROHIBITED.  3. If populated and dc special characters not = virgules return error message NWFLS085 RECCKT SPECIAL CHARACTER VIRGULES  4. If populated and dl > than 41 return error NWFLS225 INVALID RECCKT DATA LENGTH  Note:	0
024	VPID - Virtual Path Indicator	Identifies the logical connection location and quality of service for the virtual path requested.	A	2-2	1st Character A=Provider's equipment  2nd Character B=Constant Bit Rate (CBR) E=Unspecified Bit Rate (UBR)	All components within the ID should be delimited by virgules  1.If not populated and the RECCKT is populated and EU.STATE not = CT, return error NWFLS080 VPID REQUIRED  2.If populated and the RECCKT is not populated, return error NWFLS081 VPID PROHIBITED  3. If populated and vv not = AB or AE return error message NWFLS082 VPID MAY ONLY BE AB OR AE	0
025	VPI - Virtual Path Identifier	Identifies the logical connection address for the virtual path requested.	N	1-4		1. If not populated and the VPID is populated, return error NWFLS083 VPI REQUIRED WHENTHE VPID FIELD IS POPULATED  2. If populated and the VPID is not populated, return error NWFLS084 VPI PROHIBITED WHEN THE VPID IS NOT POPULATED  3. If populated dl >than 4 characters, return error NWFLS203 INVALID VPI LENGTH.	0

LS FORM

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Versio	n: 9.30.2	20.1				Effective: 05/01/2020	
FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						4. If populated and dc not = numeric return error NWFLS086 INVALID VPI DATA MUST BE NUMERIC	
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.,	<ol> <li>If not populated and the VPID is populated, return error NWFLS087 VCI REQUIRED WHEN VPID POPULATED</li> <li>If populated and the VPID is not populated, return error NWFLS088 VCI PROHIBITED WHEN VPID IS NOT POPULATED.</li> <li>If populated and dl is &gt;than 4, return error NWFLS089 INVALID VCI DATA LENGTH</li> <li>If populated and dc not = numeric, return error NWFLS090 INVALID VCI DATA, MUST BE NUMERIC</li> <li>If populated and vv not equal to 32 to 1023 return error message NWFLS214 VCI VALID VALUES ARE 32 TO 1023</li> </ol>	0
026a	VPID2 - Virtual Path Indicator 2	Identifies the logical connection location and quality of service for the virtual path requested.	A	2-2	1st Character A=Provider's equipment 2nd Character B=Constant Bit Rate (CBR) E=Unspecified Bit Rate (UBR)	1.If not populated and RECCKT is populated or (CI = C), and EU.STATE not = CT, return error NWFLS182 VPID2 REQUIRED  2.If populated and the RECCKT is not populated and CI not = C return error message NWFLS183 VPID2 PROHIBITED  3.If populated and vv not = BB or BE return error message NWFLS184 VPID2 VALUES BB OR BE	0
026b	VPI2 - Virtual Path Identifier 2	Identifies the logical connection address for the virtual path requested.	N	1-1	0 (zero) or 8.	1. If not populated and VPID2 is populated, return error message NWFLS185 VPI2 REQUIRED WHEN VPID2 POPULATED  2. If populated and VPID2 is not populated, return error message NWFLS186 VPI2 PROHIBITED WHEN VPID2 NOT POPULATED  3. If populated and vv not = 0 or 8, return error message NWFLS187 VPI2 VALUE 0 OR 8.	0

LS FORM

Version	on: 9.30.2	20.1				Effective: 05/01/2020		
FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P	
NBR	Name		Char	Length	of Values			
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.	<ol> <li>If not populated and the VPID2 is populated, return error message NWFLS188 VCI2 REQUIRED WHEN VPID2 POPULATED</li> <li>If populated and the VPID2 is not populated, return error message NWFLS189 VCI2 PROHIBITED WHEN VPID2 NOT POPULATED.</li> <li>If populated and vv not = 32 or 35, return error NWFLS223 VCI2 VALUES ARE 32 AND 35.</li> </ol>	0	
027	UDSPEED - Upstream and Downstrea m 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 NWFLS003 UDSPEED REQUIRED.  2. If populated and RECCKT is NOT populated and (CI not =B) return error message NWFLS004 UDSPEED PROHIBITED  3. If populated and dl < 4 or > 15 characters, return error NWFLS005 UDSPEED INVALID DATA LENGTH  4. If populated and dc contains special character not = comma, return error message NWFLS006 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).	0	
028	SYSTEM ID - System Identificatio n	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 Flag does not = F, then return error: NWFLS058 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: NWFLS059 SYSTEM ID PROHIBITED	0	

LS FORM

Version: 9.30.20.1 Effective: 05/01/2020

LS FORM

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FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name		Char	Length	of Values		
						3. 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 Flag does not = F, then return error: NWFLS237 SYSTEM ID REQUIRED  4. If populated and NPA NXX Flag = F, return error NWFLS195	
						SYSTEM ID INVALID FIELD FOR SERVICE TERRITORY	
029	CTI - Connection Type Indicator	Identifies the configuration of the facility connection assignment.	A	1-1	B= Voice C= Data	1. If not populated and the LSR.SLI = S and position 2 of LSR.TOS = F and LNA = N return error NWFLS062 CTI REQUIRED  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 NWFLS219 CTI REQUIRED.  3. If populated and vv not = B and LNA=V return error NWFLS063 CTI MAY ONLY BE B  4. If populated and vv = B and SYSTEM ID, SHELF, and CHAN/PAIR are not populated and NPA NXX Flag does not = F, return error NWFLS065 SYSTEM ID, SHELF AND CHAN/PAIR REQUIRED  5. If populated and vv=C and SHELF, SLOT and RELAY RACK are not populated return error NWFLS066 SHELF, SLOT AND RELAY RACK ARE REQUIRED.  6. If populated and vv not = B or C return error NWFLS067 INVALID CTI VALID ENTRIES ARE B AND C  7. If populated and the LSR.SLI not = S or position 2 of LSR.TOS not = F or LNA not = N return error NWFLS226 CTI PROHIBITED.  8. If populated and the LSR.SLI not = S or position 2 of the LSR.TOS not = F or the LNA not = V or RL not = Y return error NWFLS227 CTI PROHIBITED.	0
						Note:	

Version: 9.30.20.1 Effective: 05/01/2020

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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	
						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					FIELD NOT SUPPORTED (NWFLS069)	Р	
031	CBCID – Cross Box Cable Identificatio	Identifies the provider's cable to be connected to the customer's	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 NWFLS074-CROSS BOX CABLE IDENTIFICATION REQUIRED	0	
	"	terminal in a field location.				2.If not populated and LNA = N or V and LSR.SLI =H and position 2 of the LSR.TOS = R return error NWFLS220 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 NWFLS075 CBCID PROHIBITED.		
						4. If populated and dl > than 10 characters return error NWFLS076 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.		
031a	CBCID2 - Cross Box Cable Identificatio	Identifies the specific channel or pair within the provider's	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 NWFLS077 CBCID2 REQUIRED	0	
	n 2	cable to be used for connection.				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 NWFLS078 CBCID2 PROHIBITED		
						3. If populated and dl > than 10 characters, return error NWFLS079 INVALID CBCID2 DATA LENGTH.		

LS FORM

Version	n: 9.30.2	20 1				Effective: 05/01/2020			
FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P		
NBR	Name	Dominion	Char	Length	of Values	Containing Buomoco Raico / Earco	100/1		
032	CHANPAI R - Channel/ Pair	Identifies the specific channel or pair within the provider's cable to be used for connection.	N	5-5	Oi values	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 Flag does not = F, return error NWFLS202 CHAN/PAIR REQUIRED  2. If populated and (dl not = 5 or dc not = numeric) return error NWFLS205 CHANPAIR MUST BE 5 NUMERIC CHARACTERS  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 Flag does not = F, return error: NWFLS239 CHAN/PAIR REQUIRED  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: NWFLS176 CHAN/PAIR IS PROHIBITED	0		
						5.If populated and NPA NXX Flag = F, return error NWFLS218 CHAN/PAIR INVALID FOR SERVICE TERRITORY  Note:  1.Applicable when the customer has assignment control at the field location. 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. 3.Only one iteration may be requested when the SYSTEM ID field is populated. 4.Up to four iterations may be requested when the CBCID field is populated; however, only one iteration may be provided per CBCID field. 5.Preference to populate the SHELF and SLOT fields instead of the CABLE ID and CHAN/PAIR field			
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	AN	6-10		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 Flag does not = F, return error NWFLS191 RELAY RACK REQUIRED  2 If not populated and LNA = N and the 2 <sup>nd</sup> position of the	0		

LS FORM

Version: 9.30.20.1 Effective: 05/01/2020

LS FORM

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FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name		Char	Length	of Values		
		where the specific piece of equipment is located.				LSR.TOS = F and the CTI = C and the LSR.SLI= S, return error NWFLS091 RELAY RACK REQUIRED	
		is located.				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 Flag does not = F, return error NWFLS092 RELAY RACK PROHIBITED	
						4. 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 NWFLS168 RELAY RACK MUST BE 3 ALPHA FOLLOWED BY 3 NUMERICS WHEN ORDERING LINE SHARING, LINE SPLITTING OR LOOP SHARING	
						5. 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 NWFLS209 RELAY RACK PROHIBITED	
						6. 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 NWFLS210 RELAY RACK PROHIBITED	
						Note: 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:  1. Floor/Level – 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)  2. Line-Up/Frame Function – 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)	
						3. <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)  4. <b>Bay Designation</b> – Character position 10 identifies the Bay Designation. This data element is 1 character that identifies the Front, Back or marker	

Version: 9.30.20.1 Effective: 05/01/2020

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FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name		Char	Length	of Values		
						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.	Flag = L: N F: AN	Flag = L: 2-2 F: 2-6		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 Flag does not = F, return error: NWFLS094 SHELF REQUIRED	0
			11744			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 Flag does not = F, return error: NWFLS229 SHELF PROHIBITED	
						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 errorNWFLS192 SHELF REQUIRED	
						4.If populated and dl does not = 2 or dc is not numeric and NPA NXX Flag does not = F, return error NWFLS096 SHELF MUST BE 2 NUMERIC	
						5. If populated and dl >6 or dc does not = alphanumeric and NPA NXX Flag = F, return error NWFLS177 SHELF MUST BE 2-6 ALPHA NUMERIC	
						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 Flag does not = F, return error: NWFLS240 SHELF REQUIRED	
						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 Flag = F, return error NWFLS243 SHELF REQUIRED	
						8.If not populated and LSR.SLI=B, LNA=N,T,V and position 2 of LSR.TOS=P,R, return error NWFLS244 SHELF REQUIRED	

LS FORM

	on: 9.30.2					Effective: 05/01/2020	
FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
FIELD	Field						<b>R/O/P</b>
						and SLI IS S  3.If populated and dI > 3 or dc is not numeric and NPA NXX Flag does not = F, return error NWFLS206 SLOT MUST BE 3 NUMERIC  4.If populated and dI>7, dc is not alphanumeric or virgule and NPA NXX Flag = F, return error NWFLS207 SLOT INVALID VALUE  5.If not populated and SHELF is populated and NPA NXX Flag = F, return error NWFLS247 SLOT IS REQUIRED  6.If not populated and CTI is populated, return error NWFLS248 SLOT IS REQUIRED	

LS FORM

Versio	n: 9.30.2	20.1				Effective: 05/01/2020		
FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P	
NBR	Name	Dominion	Char	Length	of Values	Conditional Buomicoo Raico / Earco	100/1	
				3		7.If 2 iterations of SLOT are not populated and REQTYP=AB, position 2 of LSR.TOS=P,R and LSR.SLI=B, return error NWFLS249 TWO ITERATIONS OF SLOT MUST BE PROVIDED		
						8.If 2 iterations of SLOT are not populated and REQTYP=AB, position 2 of LSR.TOS=F and LSR.SLI=S, return error NWFLS250 TWO ITERATIONS OF SLOT MUST BE PROVIDED		
						Note:  1. Applicable when the customer has assignment control in a collocation arrangement  2. Pin placement allows 2 three length pairs.  Ex 123/124  3. Preference to populate the SHELF and SLOT fields 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		
036	SPORT					FIELD NOT SUPPORTED	Р	
037	UNIT					FIELD NOT SUPPORTED	Р	
037a	RESZONE					FIELD NOT SUPPORTED (NWFLS101)	Р	
037b	LOOPQUAL – Loop Qualification Status					FIELD NOT SUPPORTED (NWFLS178)	Р	
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		1.If not populated and CBCID is populated, return error NWFLS107 CBP1 REQUIRED WHEN CBCID POPULATED  2. If populated and CBCID is not populated, return error NWFLS108 CBP1 PROHIBITED WHEN CBCID IS NOT POPULATED  3. If populated and dl > 4 return error NWFLS109 INVALID CBP1 DATA LENGTH  4. If populated and dc not = numeric return error NWFLS110 INVALID CBP1 DATA MUST BE NUMERIC.	0	

LS FORM

Version	n: 9.30.2	20.1				Effective: 05/01/2020	
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	N	1-4	of values	1.If not populated and CBCID2 is populated, return error NWFLS111 CBP2 REQUIRED WHEN CBCID2 IS POPULATED	0
		the cross box located in the field.				2. If populated and the CBCID2 is not populated return error NWFLS112 CBP2 PROHIBITED WHEN CBCID2 IS NOT POPULATED	
						3. If populated and dl > 4 return error NWFLS113 CBP2 LENGTH INVALID	
						4. If populated and dc not numeric, return error NWFLS114 CBP2 MUST BE NUMERIC	
038	JK CODE – Jack Code	Identifies the standard code for the particular registered or	AN	1-5		1.If populated and dl >than 5 characters, return error NWFLS115 INVALID JK CODE LENGTH.  Note:	0
		non- registered jack used to terminate the service				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".	
039	JK NUM – Jack Number	Identifies the number of the jack used on end user connections	AN	1-2		1.If not populated and the LSR.SLI =H and the 2 <sup>nd</sup> position of the LSR.TOS = 1 return error NWFLS116 JK NUM REQUIRED	0
						2.If populated and dl > 2 return error NWFLS117 INVALID JK NUM LENGTH.  Note:	
						When the jack identification is unknown, enter "99" in this field.	
040	JK POS – Jack Position	Identifies the position in the jack that a particular service will occupy.	N	1-2	01-99	1.If not populated and LSR.SLI =H and the 2 <sup>nd</sup> position of the LSR.TOS = 1 return error NWFLS118 JK POS REQUIRED     2. If populated and dl >2 return error NWFLS119 INVALID JK POS LENGTH.	0
						3. If populated and dc not = numeric return error NWFLS120 JK POS MUST BE NUMERIC.	
						Note:	

LS FORM

Versio	n: 9.30.2	20.1				Effective: 05/01/2020		
FIELD NBR		Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P	
						When the jack position is unknown, enter "99" in this field to specify next available position.		
041	JR					FIELD NOT SUPPORTED	Р	
042	IWT					FIELD NOT SUPPORTED	Р	
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	<ul> <li>1.If not populated and the 2<sup>nd</sup> position of LSR.TOS = Z return error NWFLS121 NIDR REQUIRED</li> <li>2. If populated and the 2<sup>nd</sup> position of the LSR.TOS not = Z return error NWFLS122 NIDR PROHIBITED</li> <li>3. If populated and vv not = A, B, C, return error NWFLS123</li> </ul>	0	
044	IWJK		AN	1-5		NIDR VALUES A, B, C FIELD NOT SUPPORTED	Р	
045	IWJQ		N	2		FIELD NOT SUPPORTED	P	
046	DISC NBR  Disconnect Telephone Number	Identifies the end user telephone number to be disconnected.	N	10-10		<ul> <li>1.If not populated and LSR.ACT=V and the LNA=V, D, return error NWFLS124 DISC NBR REQUIRED</li> <li>2. If populated and LSR.ACT not = V or LNA not = V, D, return error NWFLS125 DISC NBR PROHIBITED</li> <li>3. If populated and dl not = 10 return error NWFLS126 DISC NBR LENGTH IS 10.</li> <li>4. If populated and dc not = numeric return error NWFLS127 DISC NBR IS NUMERIC</li> </ul>	0	
047	TERS					FIELD NOT SUPPORTED	Р	
048	TC OPT - Transfer of Call Options	Identifies the type of transfer of call option the end user has requested.	A	1	N=None S=Standard T=Split Transfer of Calls	1. If not populated and DISC NBR is populated, return error NWFLS128 TC OPT REQUIRED WHEN DISC NBR IS POPULATED  2. If populated and the DISC NBR is not populated, return error NWFLS129 TC OPT PROHIBITED WHEN DISC NBR NOT POPULATED.  3. If populated and vv does not = N,S,T return error NWFLS130 TC OPT VALID VALUES = N,S,T	0	

LS FORM

Versic	n: 9.30.2	20 1				Effective: 05/01/2020			
FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P		
NBR	Name		Char	Length	of Values				
						4.If populated and position 1 of LSR.REQTYP=A and position 2 of LSR.TOS=F,P,R, return error NWFLS256 TC OPT PROHIBITED			
049	TC TO PRI - Transfer of Calls To	Identifies the telephone number to which calls	N	10-10		1.If not populated and TC OPT = S, T, return error NWFLS131 TC TO PRI REQUIRED	0		
	Primary Number	are to be referred.				2.If populated and TC OPT does not = S, T, return error NWFLS132 TC TO PRI PROHIBITED			
						3. If populated and dl not = 10 characters return error NWFLS133 INVALID TC TO PRI LENGTH			
						4. If populated and dc not = numeric, return error NWFLS134 TC TO PRI MUST BE NUMERIC			
050	TC TO SEC – Transfer of Calls To	Identifies the secondary telephone number to which calls	N	10-10		<ul><li>1.If not populated and TC OPT = T, return error NWFLS135 TC TO SEC REQUIRED</li><li>2.If populated and TC OPT does not = T, return error</li></ul>	0		
	Secondary Number	are to be referred.				NWFLS136 TC TO SEC PROHIBITED			
						3. If populated and dl not = 10 characters return error NWFLS137 INVALID TC TO SEC LENGTH			
						4. If populated and dc not = numeric return error NWFLS138 INVALID TC TO SEC IS NUMERIC.			
051	TCID – Transfer of Calls To	Identifies the sequence of telephone numbers and	N	2-2		1.If not populated and TC OPT = T, return error NWFLS139 TCID REQUIRED	0		
	Identifier	names associated with the				2.If populated and TC OPT does not = T, return error NWFLS140 TCID PROHIBITED			
		Primary Number (TC TO PRI) of split transfer				3. If populated and dl not = 2 characters return error NWFLS141 INVALID TCID LENGTH			
		of calls.				4. If populated and dc not = numeric return error NWFLS142 INVALID TCID IS NUMERIC.			
						Note: 1.The TCID should be sequential starting with the number one (1). The first TCID is associated to the TC TO PRI and the first occurrence of the TC NAME fields.			

LS FORM

Versio	n: 9.30.2	20.1				Effective: 05/01/2020	
FIELD NBR	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						2.The second occurrence of TCID is associated to the first occurrence of the TC TO SEC and the second occurrence of the TC NAME fields. The TCID should incrementally increase by one (1) until all occurrences of TC TO SEC and TC NAME fields have been exhausted	
052	TC NAME  - Transfer  of Calls To  Name	Identifies the name(s) associated with TC TO	AN '-, space	1-35		1.If not populated and TC OPT = T, return error NWFLS143 TC NAME REQUIRED  2.If populated and TC OPT does not = T, return error	0
	Name	PRI field to which calls are referred				NWFLS144 TC NAME PROHIBITED	
		when split transfer of calls is requested.				3. If populated and dl > than 35 return error NWFLS145 TC NAME INVALID LENGTH	
						4. If populated and vv special characters not = Apostrophe, Hyphen, Comma and Space. If others present, return error NWFLS146 INVALID SPECIAL CHARACTERS IN TC NAME	
052a	TCID 2 - Transfer of Calls To	Identifies the sequence of telephone	N	2-2		1.If not populated and TC OPT = T, return error NWFLS151 TCID 2 REQUIRED	0
	Identifier 2	numbers and name associated with the				2.If populated and TC OPT does not = T, return error NWFLS152 TCID 2 PROHIBITED	
		Secondary Number (TC TO SEC) of split transfer				3. If populated and dl not = 2 characters return error NWFLS153 INVALID TCID 2 LENGTH	
		of calls.				4. If populated and dc not = numeric return error NWFLS154 TCID 2 IS NUMERIC	
052b	TC NAME 2 – Transfer of	Identifies the name or special	AN '-, space	1-35		1.If not populated and TC OPT = T, return error NWFLS155 TC NAME 2 REQUIRED	0
	Calls To Name 2	instructions associated with the TC TO SEC field				2.If populated and TC OPT does not = T, return error NWFLS156 TC NAME 2 PROHIBITED	
		to which calls are to be referred when split transfer of calls is				3. If populated and special characters not = Apostrophe, Hyphen, Comma, Space return error NWFLS157. TC NAME 2 CONTAINS INVALID CHARACTERS	
		requested.				4. If populated and dl > than 35 characters, return error NWFLS158 INVALID TC NAME 2 LENGTH.	

LS FORM

Version: 9.30.20.1 Effective: 05/01/2020

FIELD	Field	Definition	Data	Field	Valid Values / Range	Conditional Business Rules / Edits	R/O/P
NBR	Name		Char	Length	of Values		
053	TC PER – Transfer of Calls Period	Indicates the requested date that the transfer of calls, specified in the TC TO PRI field, is to be removed and the standard recorded announcemen t is to be provided.	N	8-8	Valid Entries Metric Format Two Digit Century (00- 99) Two Digit Year (00-99) Two Digit Month (01- 12) Two Digit Day (01-31)	<ol> <li>If populated and TC TO PRI is not populated, return error NWFLS159 TRANSFER OF CALLS PERIOD PROHIBITED WHEN THE TC TO PRI FIELD IS NOT POPULATED</li> <li>If populated and characters 5 and 6 not = 01 to 12, return error NWFLS161 TC PER MONTH MAY ONLY BE.01-12</li> <li>If populated and characters 7 and 8 not = 01-31, return error NWFLS162 TC PER DAY CAN ONLY BE 01-31</li> <li>If populated and dl not = 8, characters return error NWFLS163 INVALID TC PER LENGTH</li> <li>If populated and vv not &gt; or = LSR ADMIN DDD, return error NWFLS164 TC PER MUST BE GREATER OR EQUAL TO THE DDD</li> <li>If populated and dc not numeric return error message: NWFLS172 TC PER MUST BE 8 NUMERIC CHARACTERS – ALPHAS OR SPECIAL CHARACTERS NOT ALLOWED</li> </ol>	0
054	LEAN					FIELD NOT SUPPORTED	Р
055	LEATN					FIELD NOT SUPPORTED	P
056	REMARKS					FIELD NOT SUPPORTED	Р

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Revised: 03/16/2020

#### **APPENDIX A: ERROR MESSAGES**

Error Message Number	Error Message Text
NWFLS001	INVALID LQTY LENGTH
NWFLS002	INVALID VALUE. LQTY MUST BE NUMERIC
NWFLS003	UDSPEED REQUIRED
NWFLS004	UDSPEED PROHIBITED
NWFLS005	UDSPEED INVALID DATA LENGTH
NWFLS006	UDSPEED INVALID ONLY SPECIAL CHARACTER ALLOWED IS COMMA.
NWFLS007	LNA = R ONLY VALID WHEN ACT = R
NWFLS008	LNA MUST=R WHEN ACT=R
NWFLS009	INVALID LNUM LENGTH

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Version: 9.30.20.			
Error Message Number			
NWFLS010	INVALID VALUE. LNUM MUST BE NUMERIC		
NWFLS011	LNA MUST BE N		
NWFLS012	LNA MUST BE D,N, V		
NWFLS013	LNA MUST BE N,C,D,M,P		
NWFLS014	LNA MUST BE D.		
NWFLS015	LNA MAY ONLY BE N, C, D, M, R, T, V, OR P		
NWFLS016	SHARED LINE TELEPHONE NUMBER REQUIRED		
NWFLS017	SHARED LINE TELEPHONE NUMBER-PROHIBITED		
NWFLS018	INVALID SLTN LENGTH.		
NWFLS019	INVALID SLTN MUST BE NUMERIC.		
NWFLS020	LNA MUST=N WHEN ACT=T		
NWFLS021	INVALID CUSTOMER CIRCUIT REFERENCE LENGTH.		
NWFLS022	INVALID VALUE. THE ONLY SPECIAL CUSTOMER CIRCUIT REFERENCE CHARACTERS ALLOWED ARE		
	AMPERSAND, APOSTROPE, ASTERISK, PARENTHESES, COLON, COMMA, DOLLAR SIGN, QUOTE, SEMICOLON,		
	SPACE, PERIOD.		
NWFLS023	REUSE LOOP REQUIRED		
NWFLS024			
NWFLS025	INVALID REUSE LOOP .THE ONLY VALID ENTRY IS Y		
NWFLS026	OUT EXCHANGE COMPANY CIRCUIT ID REQUIRED WHEN RL FIELD IS POPULATED.		
NWFLS027	OUT EXCHANGE COMPANY CIRCUIT ID PROHIBITED WHEN RL FIELD NOT POPULATED.		
NWFLS028	INVALID OECCKT DATA LENGTH		
NWFLS029	INVALID OECCKT VALUE THE ONLY SPCECIAL CHARACTERS ALLOWED ARE VIRGULES WITHIN THE SERIAL		
	NUMBER FORMAT.		
NWFLS030	TSP PROHIBITED		
NWFLS031	TSP REQUIRED		
NWFLS032	INVALID TSP DATA LENGTH.		
NWFLS033	INVALID DATA THE ONLY SPECIAL TSP CHARACTER ALLOWED IS A HYPHEN		
NWFLS034	CHANGE INDICATOR REQUIRED		
NWFLS035	CHANGE INDICATOR PROHIBITED		
NWFLS036	LNA VALID VALUE = C, D, M, N WHEN ACT=M		
NWFLS037	OECCKT REQUIRED		
NWFLS038	TNT REQUIRED IF DSPTCH IS POPULATED		
NWFLS039	TNT VALID VALUE = A,B,D		
NWFLS040	SAN VALID VALUES "K" OR "KL OR "LK" ARE PROHIBITED		
NWFLS041	SAN VALID VALUES "A", "B", "C", "D", "E", "F", "H", "J" ARE PROHIBITED.		
NWFLS042	SAN VALUE OF "L" IS PROHIBITED AS A SOLE ENTRY.		
NWFLS043	SAN REQUIRED		
NWFLS044	SAN IS PROHIBITED.		
NWFLS045	INVALID SAN LENGTH. CANNOT EXCEED 30 CHARACTERS		
NWFLS046	THE ONLY VALID SAN VALUES ARE A B C D E F H J K L.		

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Version: 9.30.20.1

### LS FORM

Effective: 05/01/2020

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Error Message Number	r Error Message Text			
NWFLS047	INVALID SAN CHARACTERS			
NWFLS048	ECCKT REQUIRED			
NWFLS049	TELEPHONE NUMBER ONLY VALID IF LNA=C OR D.			
NWFLS050	ECCKT ONLY SPECIAL CHARACTERS ALLOWED ARE VIRGULES			
NWFLS051	ECCKT LENGTH MAY NOT EXCEED 41 CHARACTERS			
NWFLS052	CFA REQUIRED			
NWFLS053	INVALID CFA LENGTH.			
NWFLS054	CFA CHARACTERS ALLOWED A/N-HYPHEN, PERIOD, SPACE			
NWFLS055	CCEA REQUIRED			
NWFLS056	CCEA PROHIBITED			
NWFLS057	ONLY VALID CCEA VALUE A, B, C, D, E, F, G, H			
NWFLS058	SYSTEM ID REQUIRED			
NWFLS059	SYSTEM ID PROHIBITED			
NWFLS060				
NWFLS061				
NWFLS062	CTI REQUIRED			
NWFLS063	CTI MAY ONLY BE B			
NWFLS064	OTTIMATIONE DE B			
NWFLS065	SYSTEM ID, SHELF AND CHAN/PAIR REQUIRED.			
NWFLS066	SHELF, SLOT AND RELAY RACK ARE REQUIRED.			
NWFLS067	INVALID CTI VALID ENTRIES ARE "B" AND "C".			
NWFLS068	INVITED ON VICED ENVIRED VINCE D'AIND O'			
NWFLS069	CABLE ID PROHIBITED			
NWFLS070	ONSEL IS THOMBITES			
NWFLS071				
NWFLS072				
NWFLS073	LNA MUST = D,V WHEN CHC=A,B			
NWFLS074	CROSS BOX CABLE IDENTIFICATION REQUIRED			
NWFLS075	CBCID PROHIBITED			
NWFLS076	INVALID CBCID LENGTH			
NWFLS077	CBCID2 REQUIRED			
NWFLS078	CBCID2 PROHIBITED			
NWFLS079	INVALID CBCID2 DATA LENGTH.			
NWFLS080	VPID REQUIRED			
NWFLS081	VPID PROHIBITED.			
NWFLS082	VPID MAY ONLY BE AB OR AE			
NWFLS083	VPI REQUIRED WHENTHE VPID FIELD IS POPULATED			
NWFLS084	VPI PROHIBITED WHEN THE VPID IS NOT POPULATED			
NWFLS085	RECCKT SPECIAL CHARACTER VIRGULES			
NWFLS086	INVALID VPI DATA MUST BE NUMERIC			
		Dari- 1. 02/16/2020		
Page 28 of 33	Ziply Fiber Local Order Requirements: Version – 9.30.20.1	Revised: 03/16/2020		

Version: 9.30.20.1

LS FORM

Effective: 05/01/2020

Error Message Number				
NWFLS087	VCI REQUIRED WHEN VPID POPULATED			
NWFLS088	VCI PROHIBITED WHEN VPID IS NOT POPULATED			
NWFLS089	INVALID VCI DATA LENGTH.			
NWFLS090	INVALID VCI DATA, MUST BE NUMERIC			
NWFLS091	RELAY RACK REQUIRED			
NWFLS092	RELAY RACK PROHIBITED			
NWFLS093				
NWFLS094	SHELF REQUIRED			
NWFLS095				
NWFLS096	SHELF MUST BE 2 NUMERIC			
NWFLS097	SLOT REQUIRED			
NWFLS098				
NWFLS099				
NWFLS100				
NWFLS101	RESZONE PROHIBITED			
NWFLS102	CFA PROHIBITED			
NWFLS103				
NWFLS104				
NWFLS105				
NWFLS106				
NWFLS107	CBP1 REQUIRED WHEN CBCID POPULATED			
NWFLS108	CBP1 PROHIBITED WHEN CBCID IS NOT POPULATED.			
NWFLS109	INVALID CBP1 DATA LENGTH			
NWFLS110	INVALID CBP1 DATA MUST BE NUMERIC			
NWFLS111	CBP2 REQUIRED WHEN CBCID2 IS POPULATED			
NWFLS112	CBP2 PROHIBITED WHEN CBCID2 IS NOT POPULATED			
NWFLS113	CBP2LENGTH INVALID			
NWFLS114	CBP2 MUST BE NUMERIC			
NWFLS115	INVALID JK CODE LENGTH.			
NWFLS116	JK NUM REQUIRED			
NWFLS117	INVALID JK NUM LENGTH			
NWFLS118	JK POSITION REQUIRED			
NWFLS119	INVALID JK POS LENGTH.			
NWFLS120	JK POS MUST BE NUMERIC.			
NWFLS121	NIDR REQUIRED			
NWFLS122	NIDR PROHIBITED			
NWFLS123	NIDR VALUES 'A', 'B' OR 'C'.			
NWFLS124	DISC NBR REQUIRED			
NWFLS125				
NWFLS125	DISC NBR PROHIBITED DISC NBR LENGTH IS 10			
		D ' 1 00/1/2000		
Page 29 of 33	Ziply Fiber Local Order Requirements: Version – 9.30.20.3	1 Revised: 03/16/2020		

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Version: 9.30.20.	1 Effective: 05/	01/2020
Error Message Number		
NWFLS127	DISC NBR IS NUMERIC	
NWFLS128	TC OPT REQUIRED WHEN DISC NBR IS POPULATED	
NWFLS129	TC OPT PROHIBITED WHEN DISC NBR NOT POPULATED	
NWFLS130	TC OPT VALID VALUES = N,S,T	
NWFLS131	TC TO PRI REQUIRED	
NWFLS132	TC TO PRI PROHIBITED	
NWFLS133	INVALID TC TO PRI LENGTH	
NWFLS134	TC TO PRI MUST BE NUMERIC	
NWFLS135	TC TO SEC REQUIRED	
NWFLS136	TC TO SEC PROHIBITED	
NWFLS137	INVALID TC TO SEC LENGTH	
NWFLS138	INVALID TC TO SEC IS NUMERIC.	
NWFLS139	TCID REQUIRED	
NWFLS140	TCID PROHIBITED	
NWFLS141	INVALID TCID LENGTH	
NWFLS142	INVALID TCID IS NUMERIC.	
NWFLS143	TC NAME REQUIRED	
NWFLS144	TC NAME PROHIBITED	
NWFLS145	TC NAME INVALID LENGTH	
NWFLS146	INVALID SPECIAL CHARACTERS IN TC NAME	
NWFLS147		
NWFLS148	SLTN CANNOT BE UNE-PLATFORM OR LINE SPLIT	
NWFLS149		
NWFLS150		
NWFLS151	TCID 2 REQUIRED	
NWFLS152	TCID 2 PROHIBITED	
NWFLS153	INVALID TCID 2 LENGTH	
NWFLS154	TCID 2 IS NUMERIC	
NWFLS155	TC NAME 2 REQUIRED	
NWFLS156	TC NAME 2 PROHIBITED	
NWFLS157	TC NAME 2 CONTAINS INVALID CHARACTERS.	
NWFLS158	INVALID TC NAME 2 LENGTH	
NWFLS159	TRANSFER OF CALLS PERIOD PROHIBITED WHEN THE TC TO PRI FIELD IS NOT POPULATED.	
NWFLS160	TNT PROHIBITED FOR SERVICE TERRITORY	
NWFLS161	TC PER MONTH MAY ONLY BE.01-12	
NWFLS162	TC PER DAY CAN ONLY BE 01-31	
NWFLS163	INVALID TC PER LENGTH.	
NWFLS164	TC PER MUST BE GREATER OR EQUAL TO THE DDD	
NWFLS165		
NWFLS166		

LS FORM

Version: 9.30.20.	
Error Message Number	
NWFLS167	Error message rext
NWFLS168	RELAY RACK MUST BE 3 ALPHA FOLLOWED BY 3 NUMERICS WHEN ORDERING LINE SHARING, LINE SPLITTING
20.00	OR LOOP SHARING
NWFLS169	LQTY IS REQUIRED
NWFLS170	LNUM IS REQUIRED
NWFLS171	LNA IS REQUIRED
NWFLS172	TC PER MUST BE 8 NUMERIC CHARACTERS – ALPHAS OR SPECIAL CHARACTERS NOT ALLOWED
NWFLS173	LOCNUM REQUIRED
NWFLS174	LOCNUM CANNOT EXCEED 3 CHARACTERS
NWFLS175	LOCNUM MUST BE NUMERIC
NWFLS176	CHAN/PAIR IS PROHIBITED
NWFLS177	SHELF MUST BE 2-6 ALPHA NUMERIC
NWFLS178	LOOPQUAL FIELD PROHIBITED
NWFLS179	
NWFLS180	
NWFLS181	RECCKT PROHIBITED
NWFLS182	VPID2 REQUIRED.
NWFLS183	VPID2 PROHIBITED
NWFLS184	VPID2 VALUES BB OR BE
NWFLS185	VPI2 REQUIRED WHEN VPID2 POPULATED
NWFLS186	VPI2 PROHIBITED WHEN VPID2 NOT POPULATED
NWFLS187	VPI2 VALUE 0 OR 8.
NWFLS188	VCI2 REQUIRED WHEN VPID2 POPULATED
NWFLS189	VCI2 PROHIBITED WHEN VPID2 NOT POPULATED
NWFLS190	RECCKT REQUIRED.
NWFLS191	RELAY RACK REQUIRED
NWFLS192	SHELF REQUIRED
NWFLS193	
NWFLS194	CFA PROHIBITED
NWFLS195	SYSTEM ID INVALID FIELD FOR SERVICE TERRITORY
NWFLS197	SLOT REQUIRED WHEN LNA IS N, CTI IS C AND SLI IS S
NWFLS198	
NWFLS199	
NWFLS200	
NWFLS201	
NWFLS202	CHAN/PAIR REQUIRED
NWFLS203	INVALID VPI LENGTH
NWFLS204	
NWFLS205	CHAN/PAIR MUST BE 5 NUMERIC CHARACTERS.
NWFLS206	SLOT MUST BE 3 NUMERIC

LS FORM

Version: 9.30.20.1

LS FORM Effective: 05/01/2020

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Error Message Number	
NWFLS207	SLOT INVALID VALUE
NWFLS208	
NWFLS209	RELAY RACK PROHIBITED
NWFLS210	RELAY RACK PROHIBITED
NWFLS211	REUSE LOOP PROHIBITED
NWFLS212	
NWFLS213	
NWFLS214	VCI_VALID VALUES ARE 32 TO 1023
NWFLS215	
NWFLS216	
NWFLS217	SAN REQUIRED
NWFLS218	CHAN/PAIR INVALID FOR SERVICE TERRITORY
NWFLS219	CTI REQUIRED
NWFLS220	CBCID REQUIRED
NWFLS221	
NWFLS222	TSP PROHIBITED
NWFLS223	VCI2 VALUES ARE 32 AND 35
NWFLS224	TSP PROHIBITED
NWFLS225	INVALID RECCKT DATA LENGTH
NWFLS226	CTI PROHIBITED
NWFLS227	CTI PROHIBITED
NWFLS228	
NWFLS229	SHELF PROHIBITED
NWFLS230	
NWFLS231	INVALID CI VALUE. THE ONLY VALID VALUES ARE A OR B OR C OR D OR E
NWFLS232	INVALID CI VALUE FOR TOS
NWFLS233	CUSTOMER CIRCUIT REFERENCE REQUIRED
NWFLS234	
NWFLS235	
NWFLS236	SAN VALUE A REQUIRED WHEN VALUES B, C, D, E, F, H OR J PRESENT
NWFLS237	SYSTEM ID REQUIRED
NWFLS238	
NWFLS239	CHAN/PAIR REQUIRED
NWFLS240	SHELF REQUIRED
NWFLS241	SAN IS PROHIBITED
NWFLS242	
NWFLS243	SHELF REQUIRED
NWFLS244	SHELF REQUIRED
NWFLS245	SHELF REQUIRED WHEN CTI IS POPULATED

Version: 9.30.20.1 Effective: 05/01/2020

Error Message Number	Error Message Text
NWFLS246	
NWFLS247	SLOT IS REQUIRED
NWFLS248	SLOT IS REQUIRED
NWFLS249	TWO ITERATIONS OF SLOT MUST BE PROVIDED
NWFLS250	TWO ITERATIONS OF SLOT MUST BE PROVIDED
NWFLS251	
NWFLS252	
NWFLS253	
NWFLS254	
NWFLS255	
NWFLS256	TC OPT PROHIBITED
NWFLS257	
NWFLS258	
NWFLS259	
NWFLS260	

LS FORM

Revised: 03/16/2020

#### APPENDIX B - CHANGE CONTROL LOG

DATE	FIELD	REVISION NUMBER	CHANGE
12/01/2019	All	N/A	Initial Version 9.30.20.1 – NWF Local Business Rules
02/20/2020	All	N/A	Add Production Effective Date to header
03/16/2020	n/a	n/a	Rebranded as Ziply Fiber