Northwest Four States (NWF)
Version 9.30.20.1
Address Validation (TXTYP - A)
PRE-ORDER RESPONSE

Response Fields:

Field	Field Name	Field Usage	Field Length	Characteristics	Valid Entries	Edits Usage Notes	NOTES
TXNUM	Transaction Number	R	16	AN			The TXNUM may be reused after one week.
D/TSENT	Date and Time Sent	R	17	N -	Metric Format Two Digit Century (00-99) Two Digit Year (00-99) Two Digit Month (01-12) Two Digit Day (01-31) Two Digit Hour (00-23) Two Digit Minute (00-59) Two Digit Second (00-59)	Required for all TXTYP/TXACT combinations.	Including 3 hyphens. Date includes century: CCYYMMDD Time is military time: HHMM[SS]
TX TYP	Transaction Type	O	1	A	A - Address Validation		This field will be returned when populated on inquiry.
CC	Company Code	R	4	AN		Required for all TXTYP/TXACT combinations.	This field matches or maps to the RSID for Reseller or AECN for CLEC.
ROUTE	Route Number	C	6	AN & ' * - # ( ) space		Prohibited when WTN is populated. Required when BOX field is populated, otherwise prohibited. Optional for direct partial match.	
BOX	Box Number	C	9	AN & ' * - # ( ) space		Required when the ROUTE field is populated, otherwise prohibited. Optional for direct partial match.	
AFT	Address Format Type	C	1	A	C - Provider assigned house number N - Normal physical service address number		
SAPR	Service Address Number Prefix	O	6	AN			Identifies the prefix for the address number of the service address

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SANO	Service Address Number	C	10	AN -		Required when AFT field = "C" or "N". Optional for direct partial match.	When a Hyphen appears it must be followed by a Numeric
SASF	Service Address Number Suffix	C	4	AN /		Optional if SANO is populated, otherwise prohibited. Optional for direct partial match.	When a Virgule appears it must be preceded and followed by a Numeric.
SASD	Service Address Street Directional Prefix	C	2	A	N - North S - South E - East W - West NE - Northeast NW - Northwest SE - Southeast SW - Southwest	Optional if SASN is populated, otherwise prohibited. Optional for direct partial match.	
SASN	Service Address Street Name	C	50	AN & ' * - # ( ) space		Optional for direct partial match Required when AFT field = "B", "C", "D" or "N".	
SATH	Service Address Street Type	C	7	AN		Optional if SASN is populated, otherwise prohibited. Optional for direct partial match.	
SASS	Service Address Street Directional Suffix	C	2	A	N - North S - South E - East W - West NE - Northeast NW - Northwest SE - Southeast SW - Southwest	Optional if SASN is populated, otherwise prohibited. Optional for direct partial match.	

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LD1	Location Designator 1	C	4	A	Bldg Wng Pier	Optional if SASN is populated, otherwise prohibited. Optional for direct partial match.	LD1 is used to identify the structure type of the end user's location.
ALIASIND	Alias Indicator	C	1	A	Y - Yes N - No	Returned on an exact match. For direct partial match the alias indicator is returned for each address grouping in the PAD field.	"No" means that the response was not a result of an alias search. "Yes" means that the response was a result of an alias search.
LV1	Location Value 1	C	10	AN - space '	See separate SATH Matrix with valid values	Required if LD1 is populated, otherwise prohibited. Optional for direct partial match.	LV1 is used to identify the structure value of the end user's location.
LD2	Location Designator 2	C	4	A	FL	Optional if SASN is populated, otherwise prohibited. Optional for direct partial match.	LD2 is used to identify the elevation of the end user's location.
PAD	Partial Address/Direct	C	258	AN & ' * , - # ( ) space		Required for Direct Partial Matches.	The PAD field will be returned once. Within the PAD field there will be multiple groupings of service address data. Each address will be returned in a separate group. Within each group all service address components will be fully parsed as defined in the Partial Address Match Matrix
LV2	Location Value 2	C	10	AN space	See separate SATH Matrix with valid values	Required if LD2 is populated, otherwise prohibited. Optional for direct partial match.	LV2 is used to identify the elevation value of the end user's location.

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LD3	Location Designator 3	C	4	A	See separate SATH Matrix with valid values	Optional if SASN is populated, otherwise prohibited. For conversational response, prohibited if MLT field is populated. Optional for direct partial match.	LD3 is used to identify the customer unit type of the end user's location.
LV3	Location Value 3	C	10	AN - space	See separate SATH Matrix with valid values	Required if LD3 is populated, otherwise prohibited. Optional for direct partial match.	LV3 is used to identify the customer unit value of the end user's location.
CITY	City	C	32	AN & ' * - # ( ) space		Optional for direct partial match.	
STATE	State/Province	R	2	A			
ZIP	ZIP/Postal Code	C	12	AN		Optional for direct partial match.	5 digit zip code is accepted.
SWDESC	Switch Description	C	120	AN		Required when EXPIND value = D and TXTYP/TXACT value is either AA or AT, otherwise prohibited. Prohibited on Direct response if PAD field is populated.	Identifies the description of the Switch from which the TN is going to be selected or reserved. When EXPIND value = D and TXTYP/TXACT value is AA only the default SWDESC value for the assigned primary switch is returned. Multiple SWDESC's may be available for a single service address. To determine if other SWDESC's are available use the Conversational mode. When TXTYP/TXACT value is AT the Switch Description of the WTN provided on inquiry is returned.

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ATN	Account Telephone Number	C	10	N		Conditional for all TXTYP/TXACT Combinations. Not returned if the TN is "NON PUB", "NON LIST", "SPNL", "SPNP", "NP", "PVT", or "SPVT". Optional on Direct Response if PAD field is populated.	Concatenated NPA, NXX, and Line of working or previous service at the address. Information returned may not include current working service at the address.
LSO	Local Service Office	C	6	AN		Prohibited on Direct Response if PAD field is populated.	Identifies the NPA/NXX of the local or alternate serving central office of the customer location or primary location of the end user. This field represents the lead or primary NPA/NXX for the end user's service address.
TAX	Tax Area	O	6	AN		Optional where available for all TXTYP/TXACT combinations. Tax area or default value will be returned on all exact matches. Prohibited on Direct Response if PAD field is populated.	

Field	Field Name	Field Usage	Field Length	Characteristics	Valid Entries	Edits Usage Notes	NOTES
STAT	Status of Line at Address	C	30	AN -	1. STAT is composed of up to two information elements presented in a prearranged format; Status of Line and Date, a space is used as a delimiter between elements. All information elements are conditional. 2. Status of Line element values are returned prioritized as follows: Working Service 1. WORKING - currently working service 2. SUBLET - service is currently working 3. SUSPEND - service is suspended 4. PEND-SUS - order pending for suspension 5. PEND-IN - order pending for new service connection 6. PEND-OUT - order pending for disconnect of service 7. UNKNOWN - no status available Non Working Service 8. NON-WORK - service is disconnected 3. Date element values indicate a completion/connection date (Working, Sublet, Suspend, Non-Work) or an expected due date (Pend-Sus, Pend-In, Pend-Out), value Unknown does not have a date entry. Dates are returned in CCYYMMDD format. 4. Examples: WORKING 20030617 NON-WORK 20010629	Optional for all TXTYP/TXACT combinations. Prohibited on Direct Response if PAD field is populated.	Indicates the status of line associated with the ATN returned in the CUST group at the service location.

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CTI	Cut Through Indicator	C	1	A	Y - Yes N - No C - Not Available	Prohibited when CTVAL is not populated on inquiry. Required when the inquiry field CTVAL = A and the PAD field is not populated on Direct response or when the inquiry field CTVAL = A .	Identifies cut through facility status for the main telephone number at the service location. A value of "Y" indicates that cut through facilities exist for the main TN at this location. A value of "N" indicates that cut through facilities do NOT exist for the main TN at this location. A value of "C" indicates that cut through information is currently not available for the main TN at this location. When the Informational Message - This Basic has supps - is returned in the MSG field, resubmit the address validation request with the correct supplemental information.
CF	Connecting Facilities	C	2	N	0 - 10	Optional when the CTI field is populated, otherwise prohibited.	Identifies the number of additional Connecting Facilities available for the service address. When the CTI field is populated this field will always be returned. If no additional connecting facilities are available, a value of "0" will be returned.

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LST	Local Service Termination	C	11	AN - space		Required when EXPIND value is D (Direct) and the TXTYP/TXACT combination is either A/A or A/T. Prohibited on Direct Response if PAD field is populated.	Identifies the CLLI code of the end office switch from which service is being provided. ***LST does not determine if a Loop is behind a Remote Switch. Please refer to the RSUIND field on the Loop Make-up Response.**
CS	Class of Service	C	5	AN		Conditional for all TXTYP/TXACT Combinations Not returned if the TN is "NON PUB", "NON LIST", "SPNL", "SPNP", "NP", "PVT", or "SPVT". Prohibited for partial matches.	Identifies the classification of the service.
RESID	Response ID	C	17	AN		Required when EXPIND value=C (Conversational) Prohibited for partial match Prohibited if transaction is Direct	Identifies the response number assigned by the provider to relate associated transactions
EXTCTE FFDT	Exchange Cut Through Effective Date	C	10	AN /		Prohibited on Conversational response if MLT field is populated. Prohibited when transaction is direct Prohibited when CTVAL is not populated on inquiry, otherwise optional	Identifies the date cut through facility information was last updated

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MLT	Multi-Line Text	C	81	AN & ' * : , $ - # ( ) % . + " ; / space		Required for conversational partial matches. Prohibited for direct partial matches	Identifies multi-line text returned For this transaction, this field will return a list of alternate addresses when a partial match of service address if found. Up to 10,000 rows can occur within this field. Each row is 81 characters across
EXCHANGE	Exchange Area	C	50	AN		Required when EXPIND value = C (Conversational) Prohibited on Conversational response if MLT field is populated Prohibited when transaction is direct	Identifies the Exchange Area of the End User Address
NPA/NXX	NPA/NXX	C	6	AN		This field contains all NPANXXs associated with each exchange. Prohibited on Direct Responses.	

Field	Field Name	Field Usage	Field Length	Characteristics	Valid Entries	Edits Usage Notes	NOTES
FX	Foreign Exchange	C	1	A	Valid Values: Y=Yes N=No	Required when EXPIND value is C (Conversational) Prohibited on Conversational response if MLT field is populated Prohibited when transaction is direct.	Identifies if FX is available at the End User Address
WCN	Wire Center Name	C	25	AN / - space		Required when EXPIND value is C (Conversational). Prohibited on Conversational response if MLT field is populated. Prohibited when transaction is direct.	Identifies the location where the service provider terminates subscriber outside cable plant, i.e., their local lines with the necessary testing facilities to maintain them
LN	Listed Name for Current or Last Account of the Add	C	30	AN & ' * : $ - # ( ) . " , + ; space		Not returned if the TN is "NON PUB", "NON LIST", "SPNL", "SPNP", "NP", "PVT", or "SPVT". Prohibited for partial address matches	Identifies the listed name for working or previous service at the address Information returned may not identify current customer at the address
MSG	Information al Message	O	78	AN & ' * : , $ # - ( ) % . + " ; / space		Prohibited for Conversational partial match and optional for Direct partial match	Contains supplemental message text

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ABRVRA TECENT ER	Abbreviated Rate Center	C	10	AN		Required when EXPIND value = C (Conversational). Required when EXPIND value = D and TXTYP/TXACT value is either AA or AT. Prohibited for Conversational or direct partial match	Identifies Rate Center of the end users service address for Location Portability Eligibility Used to determine if a location is eligible for porting, both the from and to locations (Service Addresses) should be validated. Both locations must have the same Rate Center information to be eligible. Use of WTN to validate addresses for inquiries associated with Location Portability Eligibility may not result in applicable matches
EXKEY	Exchange Key	C	6	AN		Required when EXPIND value = C (Conversational). Required when EXPIND value = D and TXTYP/TXACT value is either AA or AT Prohibited for Conversational or direct partial match	Identifies available Location Portability Eligible Switches associated with the end users service address
FCI	Fiber Capability Indicator	C	1	A	Valid Values: Y=Yes N=No	Prohibited when MLT field is populated.	Identifies if type of facility serving end user is Fiber capable The valid value Y=Yes indicates that the end user location is Fiber Capable. The valid value N=No indicates the end user location is not Fiber Capable.
MSGID	Message ID	C	30	AN		Prohibited for Conversational or Direct partial match	Identifies the message id assigned by the provider to relate associated transactions

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PRESPC	Provider Response Code	C	14	AN :	See Pre-Order Error Code Response Matrix	Required if error condition exists, otherwise prohibited.	Identifies a provider specific code on the response transaction that represents what occurred on the associated inquiry transaction. The occurrence of error fields overrides the return of other fields stated in the response.
PRESPD	Provider Response Description	C	264	AN & ' * : , $ - # ( ) % . + " ; / space		Optional if PRESPC field is populated, otherwise prohibited.	Identifies the provider's text used to clarify the response for the associated inquiry transaction. This is not a standalone field and may be used in combination with the PRESPC field to further clarify the condition encountered. Returned with error explanation or non-error related supplemental data. The occurrence of error fields overrides the return of other fields stated in the response.

Appendix A – Change Log

Date	Release	Field Name	Change Description
12/01/2019	N/A	All	Initial Version 9.30.20.1 – NWF Local Business Rules
02/25/2020	n/a	All	Revised Production Effective Date to 05/01/2020
03/16/2020	n/a	n/a	Rebranded as Ziply Fiber