



Northwest Four States (NWF)
Version 9.30.20.1
NP FORM

NWF Local Business Rules

Version: 9.30.20.1

NP FORM

Effective: 05/01/2020

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Fld Nbr	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P/C
Section: Administrative							
001	PON					FIELD NOT SUPPORTED	P
002	VER					FIELD NOT SUPPORTED	P
003	AN					FIELD NOT SUPPORTED	P
004	ATN					FIELD NOT SUPPORTED	P
005	NPQTY - Number Portability Quantity	Identifies the quantity of ported numbers involved in this service request	N	1-5		<p>1.If populated and dl > 5 characters, Return error NWFNP001 INVALID DATA LENGTH.</p> <p>2.If populated and dc not = Numeric return error NWFNP002 INVALID DATA, MUST BE NUMERIC.</p> <p>3.If not populated and ACT is not equal to V or (the occurrence of the PORTED NBR > 1 or PORTED NBR has dl > 10 (ten)) return error message NWFNP048 NPQTY REQUIRED.</p>	C
006	PG_of_					FIELD NOT SUPPORTED	
Section: Service Details							
007	LOCNUM - Location Number	Identifies the service location number for the service requested.	N	1-3		<p>1.If populated and dl > 3 characters return error NWFNP067 INVALID DATA LENGTH.</p> <p>2.If populated and dc not = numeric return error NWFNP055 INVALID DATA, MUST BE NUMERIC.</p> <p>3. If not populated and LSR.ACT does not equal V, return error message NWFNP049 LOCNUM REQUIRED</p>	C
008	LNUM - Line Number	Identifies the line or trunk as a unique number and each additional occurrence as a unique number.	N	1-5		<p>1.If populated and dl >5 characters, Return error NWFNP068 INVALID DATA LENGTH.</p> <p>2.If populated and dc not = numeric return error NWFNP056 INVALID DATA, MUST BE NUMERIC.</p> <p>3. If not populated and LSR.ACT does not equal V, return error message NWFNP050 LNUM REQUIRED</p> <p>Note: 1.Once LNUM is generated it cannot be changed and is retained through completion of the request.</p>	C

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						2.The values are to be assigned sequentially and must be unique throughout the request at the PON level	
008a	NPI - Number Portability Indicator	Identifies the status of the telephone number being ported.	A	1-1	A= Port Out Reserved TN	1.If populated and vv not = A return error NWFNP004. INVALID VALUE ONLY VALID VALUE A	O
009	LNA - Line Activity	Identifies the activity involved at the line level.	A	1-1	D= Disconnection V= Conversion of service to new LSP	1.If populated and vv not = D and LSR.ACT= C, return error NWFNP005 IF ACT FIELD ON THE LSR ADMIN FORM EQUALS C LNA MUST EQUAL D 2. If populated and vv not = V and LSR.ACT = V and NPT = D return error NWFNP006-IF ACT ON THE LSR ADMIN FORM = V AND THE NPT FIELD = D LNA MUST BE POPULATED WITH V 3.If populated and vv not = D and the LSR.ACT=V and NPT= E return error NWFNP008-IF ACT FIELD ON EQUALS V AND THE NPT FIELD EQUALS E, LNA MUST BE POPULATED WITH D 4.If populated and dl not = 1 character, return error NWFNP065 INVALID DATA LENGTH 5.If populated and vv not = D, V, return error NWFNP009 LNA VALID VALUE = D, V 6. If not populated and ACT not equal V return error NWFNP081 LNA IS REQUIRED	C
009a	LRN - Location Routing Number	Identifies a number used to uniquely identify a switch that has ported numbers and is used to route a call to the switch that owns the NPA-NXX portion of the LRN.	N	10-10		1.If populated and dl not = 10 return error NWFNP069 INVALID DATA LENGTH. 2.If populated and dc not = numeric return error NWFNP057 INVALID DATA CHARACTERISTIC. MUST BE NUMERIC	O

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Flid Nbr	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P/C
009b	TDT - Ten Digit Trigger	Indicates the request for the activation of a ten digit trigger for local routing number portability.	A	1-1	Y=YES	1..If populated and vv not = Y return error NWFNP011 INVALID VALUE CAN ONLY BE Y 2. If populated and NPT not = D return error message NWFNP079 TDT PROHIBITED	O
010	PORTED NBR - Ported Telephone Number	Identifies the Telephone Number (TN) or consecutive range of TNs residing in the same switch to be ported	AN hyphen	10-15	NPANXXXXX, NPANXXXXX-XXXX	1.If populated and dl < 10 or > 15 characters return error NWFNP070 INVALID DATA LENGTH. 2.If populated and special characters not = one hyphen then return error NWFNP062 ONLY SPECIAL CHARACTER ALLOWED IS ONE HYPHEN 3. If not populated return error message NWFNP051 PORTED NBR IS A REQUIRED FIELD. Note: 1.A single telephone number or the first number of the range may be used to identify the billing account number 2.When ranging line numbers, a hyphen must be used as a delimiter. 3.When the NPT field is "B", a number range may only be specified when all numbers within the range are remote call forwarded to the same TN. 4.This field may be validated for simple port service requests as mandated in FCC Order 07-188 5. TELEPHONE NUMBER RANGE MUST BE IN ASCENDING ORDER	R
010a	SFG - Simulated Facilities Group (SFG)		A	1-1	Y=YES	1.If populated and dc not = alpha return error NWFNP054 INVALID SFG DATA CHARACTERISTIC. MUST BE ALPHA. 2.If populated and vv is not = Y return error NWFNP063 INVALID VALUE MUST BE Y	O
011	TNP					FIELD NOT SUPPORTED	P
012	CFTN					FIELD NOT SUPPORTED	P
013	NPT - Number Portability Type	Indicates the type of number portability for this request.	A	1-1	D=Local routing number E=Not Applicable	1 If populated and vv is does not = D,E, return error NWFNP064 NPT VALID VALUE= D, E 2 If populated and vv not = D and LNA = V return error NWFNP016 INVALID DATA. IF LNA FIELD EQUALS V NPT MUST BE POPULATED WITH D.	O

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						<p>3 If populated and vv not = E and LSR.ACT = V and LNA = D, return error NWFNP018 IF ACT FIELD ON THE LSR ADMIN FORM EQUALS V AND THE LNA FIELD = D, NPT MUST BE POPULATED WITH E.</p> <p>4. If not populated, and LSR.ACT not = V and LNA is not D, return error message NWFNP052 NPT IS A REQUIRED FIELD.</p>	
014	RTI					FIELD NOT SUPPORTED	P
015	NPTG					FIELD NOT SUPPORTED	P
016	BA					FIELD NOT SUPPORTED	P
017	BLOCK					FIELD NOT SUPPORTED	P
018	LEAN					FIELD NOT SUPPORTED	P
018 a	TC OPT - Transfer of Call Options	Identifies the type of transfer of call option the end user has requested.	A	1-1	<p>N=None</p> <p>S=Standard</p> <p>T=Split Transfer of Calls</p>	<p>1.If not populated and LNA = D, (same occurrence) return error NWFNP025 TC OPT REQUIRED FOR EACH NUMBER WHEN LNA = D</p> <p>2. If populated and LNA not = D,(same occurrence) return error NWFNP026 TC OPT PROHIBITED FOR EACH NUMBER WHEN LNA DOES NOT=D</p> <p>3.If populated and vv not = N or S or T return error NWFNP027 INVALID DATA. THE ONLY VALID VALUES ARE N, S OR T</p>	O
018 b	TC TO PRI - Transfer of Calls To Primary Number	Identifies the telephone number to which calls are to be referred.	N	10-10		<p>1. If not populated and TCOPT field =S or T return error message NWFNP028 -TRANSFER OF CALLS TO PRIMARY NUMBER REQUIRED WHEN THE TC OPT FIELD IS S OR T</p> <p>2.If populated and TC OPT field is not S or T return error message NWFNP029 TRANSFER OF CALLS TO PRIMARY NUMBER PROHIBITED WHEN THE TC OPT FIELD IS NOT S OR T</p> <p>3.If populated and dl > 10 numeric characters, return error NWFNP072 INVALID DATA LENGTH.</p> <p>4. If populated and dc not = numeric return error NWFNP058 INVALID DATA MUST BE NUMERIC.</p>	O

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Fld Nbr	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P/C
018c	TC TO SEC - Transfer of Calls To Secondary Number	Identifies the secondary telephone number to which calls are to be referred.	N	10-10		<p>1.If not populated and TC OPT = T return error message NWFNP030 TRANSFER OF CALLS TO SECONDARY NUMBER REQUIRED WHEN THE TC OPT EQUALS T</p> <p>2. If populated and TC OPT not = T, return error message NWFNP031 TRANSFER OF CALLS TO SECONDARY NUMBER PROHIBITED WHEN THE TC OPT DOES NOT EQUAL T</p> <p>3.If populated and dl not = 10 characters, return error NWFNP075 INVALID DATA LENGTH.</p> <p>4 If populated and dc not = numeric return error NWFNP060 INVALID DATA MUST BE NUMERIC.</p>	O
018d	TCID - Transfer of Calls To Identifier	Identifies the sequence of telephone numbers and names associated with split transfer of calls.	N	1-2		<p>1 If not populated and TCOPT = T, return error message NWFNP032 TCID REQUIRED WHEN THE TC OPT EQUALS T</p> <p>2. If populated and the TCOPT not = T return error message NWFNP033 TCID PROHIBITED WHEN THE TC OPT DOES NOT EQUAL T</p> <p>3.If populated and dl > 2 numeric characters, return error NWFNP073 INVALID DATA LENGTH.</p> <p>4.If populated and dc not = numeric, return error NWFNP059 INVALID DATA, MUST BE NUMERIC.</p>	O
018e	TC NAME - Transfer of Calls To Name	Identifies the name or special instructions associated with TC TO to which calls are referred when split of calls is requested	AN ' - , . space	1-35	-	<p>1.If not populated and TCOPT = T return error message NWFNP034 TC NAME REQUIRED WHEN THE TC OPT EQUALS T</p> <p>2.If populated and TC OPT not = T, return error message NWFNP035 TC NAME PROHIBITED WHEN THE TC OPT DOES NOT EQUAL T</p> <p>3 If populated and vv special characters not = Apostrophe, Hyphen, Comma, Space, Period return error NWFNP036 INVALID DATA SPECIAL CHARACTERS ALLOWED ARE APOSTROPHE, HYPHEN, COMMA, SPACE, PERIOD.</p> <p>4 If populated and dl > 35 characters return error NWFNP074 INVALID DATA LENGTH.</p>	O

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Fld Nbr	Field Name	Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P/C
018f	TCID 2 - Transfer of Calls To Identifier 2	Identifies the sequence of telephone numbers and name associated with the Secondary Number (TC TO SEC) of split transfer of calls.	N	1-2		<p>1. If not populated and TCOPT = T return error message NWFNP037 TCID2 REQUIRED WHEN THE TC OPT EQUALS T</p> <p>2.If populated and TC OPT not = T return error message NWFNP038 TCID2 PROHIBITED WHEN THE TC OPT DOES NOT EQUAL T</p> <p>3. If populated and dl >2 characters return error NWFNP076 INVALID DATA LENGTH</p> <p>4 If populated and dc not = numeric return error NWFNP061 INVALID DATA, MUST BE NUMERIC</p>	O
018g	TCNAME 2 - Transfer of Calls To Name 2	Identifies the name or special instructions associated with the TC TO SEC field to which calls are to be referred when split transfer of calls is requested	AN '-',' ','space	1-35		<p>1 If not populated and TC OPT = T, return error message NWFNP039 TRANSFER OF CALLS TO NAME 2 REQUIRED WHEN THE TCOPT EQUALS T</p> <p>2.If populated and TCOPT not = T return error message NWFNP040 TRANSFER OF CALLS TO NAME 2 PROHIBITED WHEN THE TCOPT DOES NOT EQUAL T</p> <p>3 If populated and data length >than 35 return error NWFNP077 INVALID DATA LENGTH.</p> <p>4.If populated and special characters not = Apostrophe, Hyphen, Comma, Period Space return error NWFNP080 INVALID DATA. THE ONLY SPECIAL CHARACTERS ALLOWED ARE APOSTROPHE, HYPHEN, COMMA, PERIOD, SPACE.</p>	O
018h	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 announcement is to be provided.	N	8-8	<p>Valid Entries</p> <p>Metric Format</p> <p>Two Digit Century (00-99)</p> <p>Two Digit Year (00-99)</p> <p>Two Digit Month (01-12)</p> <p>Two Digit Day (01-31)</p>	<p>1.If populated and TC TO PRI field is not populated, return error NWFNP041TRANSFER OF CALLS PERIOD PROHIBITED WHEN THE TC TO PRI FIELD IS NOT POPULATED.</p> <p>2 If populated and dc not = numeric return errorNWFNP053 TC PER MUST BE 8 NUMERIC CHARACTERS – ALPHAS OR SPECIAL CHARACTERS NOT ALLOWED.</p> <p>3.If populated and dl not = 8 characters return error NWFNP078 INVALID DATA LENGTH.</p>	O

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						<p>4.If populated and characters 5 and 6 not = 01 to 12 return error NWFNP043 MONTH MAY ONLY BE.01-12</p> <p>5. If populated and characters 7 and 8 not = 01-31 return error NWFNP044 DAY CAN ONLY BE 01-31</p> <p>6. If populated and vv not = equal or > LSR. ADMIN. DDD return error NWFNP045 THIS DATE MUST BE GREATER OR EQUAL TO THE DDD ON THE LSR ADMIN DDD.</p>	

APPENDIX A: ERROR MESSAGES

Error Message Number	Error Message Text
NWFNP001	INVALID DATA LENGTH
NWFNP002	INVALID DATA, MUST BE NUMERIC
NWFNP003	
NWFNP004	INVALID VALUE ONLY VALID VALUE A
NWFNP005	IF ACT FIELD ON THE LSR ADMIN FORM EQUALS C LNA MUST EQUAL D
NWFNP006	IF ACT ON THE LSR ADMIN FORM = "V" AND THE NPT FIELD = "D" LNA MUST BE POPULATED WITH "V".
NWFNP007	
NWFNP008	IF ACT FIELD ON EQUALS "V" AND THE NPT FIELD EQUALS"E", LNA MUST BE POPULATED WITH "D"
NWFNP009	LNA VALID VALUE = D, V
NWFNP010	
NWFNP011	INVALID VALUE CAN ONLY BE Y
NWFNP012	
NWFNP013	
NWFNP014	
NWFNP015	
NWFNP016	INVALID DATA. IF LNA FIELD EQUALS "V" NPT MUST BE POPULATED WITH "D".
NWFNP017	
NWFNP018	IF ACT FIELD ON THE LSR ADMIN FORM EQUALS"V" AND THE LNA FIELD = "D", NPT MUST BE POPULATED WITH "E".
NWFNP019	

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Error Message Number	Error Message Text
NWFNP020	
NWFNP021	
NWFNP022	
NWFNP023	
NWFNP024	
NWFNP025	TC OPT REQUIRED FOR EACH NUMBER WHEN LNA ="D",
NWFNP026	TC OPT PROHIBITED FOR EACH NUMBER WHEN LNA DOES NOT="D", .
NWFNP027	INVALID DATA. THE ONLY VALID VALUES ARE N, S OR T.
NWFNP028	TRANSFER OF CALLS TO PRIMARY NUMBER REQUIRED WHEN THE TC OPT FIELD IS "S" OR "T"
NWFNP029	TRANSFER OF CALLS TO PRIMARY NUMBER PROHIBITED WHEN THE TC OPT FIELD IS NOT "S" OR "T".
NWFNP030	TRANSFER OF CALLS TO SECONDARY NUMBER REQUIRED WHEN THE TC OPT EQUALS "T"
NWFNP031	TRANSFER OF CALLS TO SECONDARY NUMBER PROHIBITED WHEN THE TC OPT DOES NOT EQUAL "T".
NWFNP032	TCID REQUIRED WHEN THE TC OPT EQUALS "T"
NWFNP033	TCID PROHIBITED WHEN THE TC OPT DOES NOT EQUAL "T".
NWFNP034	TC NAME REQUIRED WHEN THE TC OPT EQUALS "T"
NWFNP035	TC NAME PROHIBITED WHEN THE TC OPT DOES NOT EQUAL "T".
NWFNP036	INVALID DATA. SPECIAL CHARACTERS ALLOWED ARE APOSTROPHE, HYPHEN, COMMA, SPACE, PERIOD.
NWFNP037	TCID2 REQUIRED WHEN THE TC OPT EQUALS "T"
NWFNP038	TCID2 PROHIBITED WHEN THE TC OPT DOES NOT EQUAL "T"
NWFNP039	TRANSFER OF CALLS TO NAME 2 REQUIRED WHEN THE TC OPT EQUALS "T"
NWFNP040	TRANSFER OF CALLS TO NAME 2 PROHIBITED WHEN THE TC OPT DOES NOT EQUAL "T".
NWFNP041	TRANSFER OF CALLS PERIOD PROHIBITED WHEN THE TC TO PRI FIELD IS NOT POPULATED.
NWFNP042	
NWFNP043	MONTH MAY ONLY BE 01-12
NWFNP044	DAY CAN ONLY BE 01-31
NWFNP045	THIS DATE MUST BE GREATER OR EQUAL TO THE DDD ON THE LSR ADMIN DDD.
NWFNP046	
NWFNP047	
NWFNP048	NPQTY REQUIRED
NWFNP049	LOCNUM REQUIRED
NWFNP050	LNUM REQUIRED
NWFNP051	PORTED NBR IS A REQUIRED FIELD.
NWFNP052	NPT IS A REQUIRED FIELD.
NWFNP053	TC PER MUST BE 8 NUMERIC CHARACTERS- ALPHAS OR SPECIAL CHARACTERS NOT ALLOWED.
NWFNP054	INVALID SFG DATA CHARACTERISTIC. MUST BE ALPHA.
NWFNP055	INVALID DATA, MUST BE NUMERIC
NWFNP056	INVALID DATA, MUST BE NUMERIC
NWFNP057	INVALID DATA CHARACTERISTIC. MUST BE NUMERIC
NWFNP058	INVALID DATA, MUST BE NUMERIC.
NWFNP059	INVALID DATA, MUST BE NUMERIC.

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Error Message Number	Error Message Text
NWFNP060	INVALID DATA, MUST BE NUMERIC.
NWFNP061	INVALID DATA, MUST BE NUMERIC
NWFNP062	ONLY SPECIAL CHARACTER ALLOWED IS ONE HYPHEN
NWFNP063	INVALID VALUE MUST BE Y
NWFNP064	NPT VALID VALUE= D, E
NWFNP065	INVALID DATA LENGTH.
NWFNP066	
NWFNP067	INVALID DATA LENGTH
NWFNP068	INVALID DATA LENGTH
NWFNP069	INVALID DATA LENGTH
NWFNP070	INVALID DATA LENGTH
NWFNP071	
NWFNP072	INVALID DATA LENGTH
NWFNP073	INVALID DATA LENGTH
NWFNP074	INVALID DATA LENGTH
NWFNP075	INVALID DATA LENGTH
NWFNP076	INVALID DATA LENGTH
NWFNP077	INVALID DATA LENGTH
NWFNP078	INVALID DATA LENGTH
NWFNP079	TDT PROHIBITED
NWFNP080	INVALID DATA SPECIAL CHARACTERS ALLOWED ARE APOSTROPHE, HYPHEN, COMMA, SPACE, PERIOD.
NWFNP081	LNA IS REQUIRED

APPENDIX B: CHANGE LOG

DATE	FIELD	RELEASE	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 Ziplly Fiber