Northwest Four States (NWF)
Version 9.30.20.1
HGI FORM

Contents

Fld Nbr	Field Name	Field Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
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	PG_ of_					**FIELD NOT SUPPORTED**	P
Section: HUNT GROUP IDENTIFICATION							
006	LOCNUM - Location Number	Identifies this service location number for the service requested.	N	1-3		1.If not populated, return error NWFHGI001 LOCNUM IS REQUIRED 2. If populated and (dl > 3 or dc not = numeric), then return error: NWFHGI002 LOCNUM VALID VALUE = 1-3 NUMERIC	O
007	HNUM - Hunt Number	Identifies the Hunt Group as a unique number and each additional occurrence as a unique number.	N	1-5		1. If not populated and LSR.HTQTY is populated, then return error: NWFHGI003 HNUM IS REQUIRED 2. If populated and LSR.HTQTY is not populated, then return error: NWFHGI004 HNUM IS PROHIBITED 3. If populated and (dl > 5 or dc not = numeric), then return error: NWFHGI005 HNUM VALID VALUE = 1-5 NUMERIC Note: 1.Once HNUM is generated it cannot be changed and is retained through completion of the request 2.The values are to be assigned consecutively and must be unique throughout the request at the LOCNUM field level	O
008	CB					**FIELD NOT SUPPORTED**	P
009	HA - Hunt Group Activity	Identifies the activity associated with the hunt group on this request	A	1-1	N=New E=Existing/no change C=Change to hunt group sequence D=Remove hunt group arrangement	1. If not populated, then return error: NWFHGI006 HA IS REQUIRED 2. If populated and vv not = N and position 1 of LSR.REQTYP = D, E and LSR.ACT = N, T, then return error: NWFHGI007 HA VALID VALUE = N WHEN ACT = N, T	R

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						3. If populated and vv not = N, C, D, E and position 1 of LSR.REQTYP = D, E and LSR.ACT = C, V, then return error: NWFHGI008 HA VALID VALUE = N, C, D, E WHEN ACT = C, V	
						4. If populated and vv not = N and position 1 of LSR.REQTYP = D and LSR.ACT = V, then return error: NWFHGI009 HA VALID VALUE = N FOR REQTYP/ACT	
						5. If populated and vv not = N, E, C, D, then return error: NWFHGI010 HA VALID VALUE = N, E, C, D	
						6.If not populated and position 2 of LSR.TOS=A and LSR.ACT does not =W, return error NWFHGI033 HA REQUIRED WHEN POSITION 2 OF TOS=A AND ACT DOES NOT =W	
						7.If populated and vv does not =E and HLA=E, return error NWFHGI034 HA VALID VALUE =E WHEN HLA=E	
						8.If populated and vv does not =C,D and HLA=D, return error NWFHGI035 HA VALID VALUE = C,D WHEN HLA=D	
						9.If populated and vv does not = N and position 2 of LSR.TOS=A and LSR.ACT=N, return error NWFHGI036 HA VALID VALUE =N WHEN POSITION 2 OF TOS=A AND LSR.ACT=N	
						Note: To change line hunt information, the HGI HA field will be populated with a "C". Populate the HGI HLA field with "D" to remove all rotary lines and HGI HLA with "N" to re-establish all rotary lines for new sequencing.	
010	HID - Hunt Group Identifier	Identifies the hunt group	AN	1-12	NEW	1. If not populated, then return error: NWFHGI011 HID IS REQUIRED	R

Fld Nbr	Field Name	Field Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						2. If populated and vv = NEW and HA = C, D, E, then return error: NWFHGI012 HID VALID VALUE = NEW IS PROHIBITED WHEN HA = C, D, E 3. If vv not = NEW and HA = N, then return error: NWFHGI013 HID VALID VALUE = NEW WHEN HA = N 4. If populated and vv not = NEW and (dl > 12 or dc not = alpha, numeric), then return error: NWFHGI014 HID VALID VALUE = NEW OR 1-12 ALPHA, NUMERIC	
011	TIP - Telephone Line Identifier Type	Identifies the type of entry in the TLI field.	A	1-1	B=ISDN BRI directory number T=Telephone Number	1. If populated and HA = E, then return error: NWFHGI015 TIP IS PROHIBITED WHEN HA = E 2. If populated and HNTYP not = 4, then return error: NWFHGI016 TIP IS PROHIBITED WHEN HNTYP IS NOT EQUAL 4 3. If populated and vv not = B, T, then return error: NWFHGI017 TIP VALID VALUE = B, T	O
012	TLI - Telephone Line Identifier	Identifies the pilot number of a multiline hunt group.	AN - Space	1-14		1. If not populated and TIP is populated, then return error: NWFHGI018 TLI IS REQUIRED 2. If populated and HNTYP not = 4, then return error: NWFHGI019 TLI IS PROHIBITED 3. If populated and (dl > 14 or dc not = alpha, numeric, hyphen, space), then return error: NWFHGI020 TLI VALID VALUE = 1-14 ALPHA, NUMERIC, HYPHEN, SPACE	O
013	HNTYP - Hunting Type Code	Identifies the type of hunting involved.	N	1-1	**1**=Preferential (multiline) **2**=Sequential (regular series completion) **3**=Circular (regular) **4**=Multiline series completion with terminal or maintenance numbers	1. If not populated and HA is populated, then return error: NWFHGI021 HNTYP IS REQUIRED 2. If populated and vv not = 1, 2, 3, 4, then return error: NWFHGI022 HNTYP VALID VALUE = 1, 2, 3, 4 Note:	R

Fld Nbr	Field Name	Field Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						These forms of hunting are generic types and are offered by the provider using various or different names for the hunt type categories.	
SECTION: HUNT DETAIL							
014	HLA - Line Hunt Group Activity	Identifies the activity associated with the hunt group on this request.	A	1-1	N=New/install E=Existing/no change D=Disconnect/delete	1.If not populated and HA = N, C, return error: NWFHGI023 HLA IS REQUIRED 2. If populated and HA not = N, C, then return error: NWFHGI024 HLA IS PROHIBITED 3. If populated and vv not = N and HA = N, then return error: NWFHGI025 HLA VALID VALUE = N WHEN HA = N 4. If populated and vv not = N, E, D, then return error: NWFHGI026 HLA VALID VALUE = N, E, D 5.If not populated and position 2 of LSR.TOS=A and LSR.ACT=N, return error NWFHGI038 HLA REQUIRED WHEN POSITION 2 OF LSR.TOS=A AND LSR.ACT=N 6.If populated and vv does not =D and HA=D, return error NWFHGI039 HLA VALID VALUE=D WHEN HA=D 7.If populated and vv does not =E and HA=E, return error NWFHGI040 HLA VALID VALUE=E WHEN HA=E Note: To change line hunt information, the HGI HA field will be populated with a "C". Populate the HGI HLA field with "D" to remove all rotary lines and HGI HLA with "N" to re-establish all rotary lines for new sequencing.	O
015	HTSEQ - Hunting Sequence	Identifies the desired hunting sequence or range of hunt sequence.	AN	1-4		1. If not populated and HLA is populated, then return error: NWFHGI027 HTSEQ IS REQUIRED 2. If populated and HLA is not populated, then return error: NWFHGI028 HTSEQ IS PROHIBITED	O

Fld Nbr	Field Name	Field Definition	Data Char	Field Length	Valid Values / Range of Values	Conditional Business Rules / Edits	R/O/P
						3. If populated and (dl > 4 or dc not = alpha, numeric), then return error: NWFHGI029 HTSEQ VALID VALUE = 1-4 ALPHA, NUMERIC	
016	NOTYP					**FIELD NOT SUPPORTED**	P
017	HTN - Hunting Telephone Number	Identifies the hunting number for this sequence in the hunt group	AN , - space	1-17		1. If not populated and HLA is populated, return error: NWFHGI030 HTN IS REQUIRED 2. If populated and HLA is not populated, then return error: NWFHGI031 HTN IS PROHIBITED 3. If populated and (dl > 17 or dc not = alpha, numeric, hyphen, comma, space), then return error: NWFHGI032 HTN VALID VALUE = 1-17 ALPHA, NUMERIC, HYPHEN, COMMA, SPACE	O

APPENDIX A: ERROR MESSAGE TABLE

Error Message Number	Error Message Text
NWFHGI001	LOCNUM IS REQUIRED
NWFHGI002	LOCNUM VALID VALUE = 1-3 NUMERIC
NWFHGI003	HNUM IS REQUIRED
NWFHGI004	HNUM IS PROHIBITED
NWFHGI005	HNUM VALID VALUE = 1-5 NUMERIC
NWFHGI006	HA IS REQUIRED
NWFHGI007	HA VALID VALUE = N WHEN ACT = N, T
NWFHGI008	HA VALID VALUE = N, C, D, E WHEN ACT = C, V
NWFHGI009	HA VALID VALUE = N FOR REQTYP/ACT
NWFHGI010	HA VALID VALUE = N, E, C, D
NWFHGI011	HID IS REQUIRED
NWFHGI012	HID VALID VALUE = NEW IS PROHIBITED WHEN HA = C, D, E
NWFHGI013	HID VALID VALUE = NEW WHEN HA = N
NWFHGI014	HID VALID VALUE = NEW OR 1-12 ALPHA, NUMERIC
NWFHGI015	TIP IS PROHIBITED WHEN HA = E
NWFHGI016	TIP IS PROHIBITED
NWFHGI017	TIP VALID VALUE = B, T

Error Message Number	Error Message Text
NWFHGI018	TLI IS REQUIRED
NWFHGI019	TLI IS PROHIBITED
NWFHGI020	TLI VALID VALUE = 1-14 ALPHA, NUMERIC, HYPHEN, SPACE
NWFHGI021	HNTYP IS REQUIRED
NWFHGI022	HNTYP VALID VALUE = 1, 2, 3, 4
NWFHGI023	HLA IS REQUIRED
NWFHGI024	HLA IS PROHIBITED
NWFHGI025	HLA VALID VALUE = N WHEN HA = N
NWFHGI026	HLA VALID VALUE = N, E, D
NWFHGI027	HTSEQ IS REQUIRED
NWFHGI028	HTSEQ IS PROHIBITED
NWFHGI029	HTSEQ VALID VALUE = 1-4 ALPHA, NUMERIC
NWFHGI030	HTN IS REQUIRED
NWFHGI031	HTN IS PROHIBITED
NWFHGI032	HTN VALID VALUE = 1-17 ALPHA, NUMERIC, HYPHEN, COMMA, SPACE
NWFHGI033	HA REQUIRED WHEN POSITION 2 OF TOS=A AND ACT DOES NOT =W
NWFHGI034	HA VALID VALUE =E WHEN HLA=E
NWFHGI035	HA VALID VALUE = C,D WHEN HLA=D
NWFHGI036	HA VALID VALUE =N WHEN POSITION 2 OF TOS=A AND LSR.ACT=N
NWFHGI037	
NWFHGI038	HLA REQUIRED WHEN POSITION 2 OF LSR.TOS=A AND LSR.ACT=N
NWFHGI039	HLA VALID VALUE=D WHEN HA=D
NWFHGI040	HLA VALID VALUE=E WHEN HA=E

APPENDIX B - CHANGE CONTROL 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 Ziply Fiber