

The Bill Erickson FRRL HF Challenge! . . .get on the air in 2011

The Fox River Radio League (FRRL) HF Challenge began 15 years ago when club member Bill Erickson, WA9TPQ, introduced it as an enjoyable way to promote more club activity on the HF bands. Since then, the Challenge has continued as a major year-long event. Bill became a Silent Key on December 10, 2002, and in his honor, this event was renamed the *BILL ERICKSON FRRL HF CHALLENGE*.

You worked hard to get your ham license, so the HF Challenge is your Challenge to use it and to get on the air using any HF band from 160 to 10 meters. Set your goal to work as many ARRL DXCC countries, USA states and Canadian provinces/territories as you can during the 2011 calendar year. If chasing DX, states or provinces isn't fun for you, try rag chewing; have on-air HF QSOs lasting at least ten minutes. In any case, just one contact on any HF band, in any mode, means you met the challenge, and you'll receive a beautiful certificate documenting that achievement.

Here are the rules – unchanged from previous years:

- Contact claims are based on the honor system. QSL cards, eQSLs or LOTW confirmations are not required
- The Challenge is open to all FRRL members. If your license doesn't permit HF operation, then the first part of your 2011 challenge is to upgrade. For members joining the club during the year, contacts are eligible for the period covered by your dues payment. For example, if dues are paid for the full year, then all of your contacts for the year are eligible.
- Contacts count if made on the 160 through 10 meter HF bands. Remote links to your HF station by any legal means are allowed as long as you follow the ARRL DXCC and WAS rules. Ten meter repeaters are also allowed.
- All contacts per Application must be made by you while using a callsign officially assigned to you in one DXCC entity. Since we follow ARRL rules, all submitted state contacts must be made from either the same location, or locations no two of which are more than 50 miles apart.
- Submissions must be on the attached Worksheet/Application forms and can be in any of the **following four entry classes**. (Dual class entry will be allowed, provided one is in the Rag Chewer Class.)

- 1. Rag Chewer Class** - Only count contacts that last at least 10 minutes. For eligible contacts, ✓ or x the RC (Rag Chewer) column on the worksheet next to the entity worked. Hint: If you are planning on entering in this class, which everyone should because it embodies Amateur Radio fellowship, record non-RC contacts on the worksheet in pencil. Then if you later work a rag chew with that same entity, you can erase the non-rag chew and replace it with the rag chew contact.
- 2. Limited Class** - This class has additional operating limitations placed on the entrants. While each participant is free to choose their particular limitation, they may have to compete with other limitations in the Limited Class. Each entrant may choose one of the following limits:
 - Single Band** - Make all submitted contacts on the same band.
 - Digital Mode** - Make all submitted contacts with any, or a mixture of, allowable digital modes such as RTTY or PSK.
 - QRP** - Make all contacts submitted with an output power of 5 watts or less.
 - CW** - Make all contacts submitted using only the CW mode.
- 3. Operator Class** - Make all contacts in any mode with 250 watts or less power output.
- 4. QRO Class** - Make contacts in any mode with any legal power output.

Scoring: Score one point per current ARRL DXCC country, one point per state and one point per Canadian province or territory. Remember that Alaska and Hawaii count as both states *and* DXCC countries. Also any Canadian province or territory also counts as the DXCC country of Canada. Similarly, any USA state worked counts as that state plus the DXCC country of United States of America.

Keeping track of your progress is easy using the attached Worksheet/Application. These forms are also great tools for identifying and working DX for other DXCC and WAS awards. The "100 Most Needed DXCC Entities" by Central USA DXers are marked with asterisks: Two asterisks for the top twenty countries needed and a single asterisk for the remaining eighty—so you know when you work the tough ones. Permission to use their "Central states 100 Most Needed" list was granted the FRRL by Carl Smith, N4AA, Editor and Publisher of *QRZ DX & The DX Magazine*. As another bonus, the other side of this page contains an updated and handy DX prefix cross reference to help identify countries heard and worked.

Reporting: Send your Challenge progress to challenge@frrl.org by the 15th of every month. Your progress will be published monthly in the Arc-Over. Please: It's more fun for everyone if you don't wait until the end of the year to report, so please email your call, entry class, number of states /provinces and countries worked, regular and rag chew, **every month if possible**. After year end, total up your Challenge Worksheet/Application and by January 16, 2012, get it to Joe Dubeck, NA9A, PO Box 1383, St. Charles, IL 60174-7383.

Judging: Interpretation of the rules will be the responsibility of Joe Dubeck, the Challenge Administrator, whose decision is final. Station logs must be made available if requested.

Awards: Everyone who enters is a winner for getting on the air, and they also get a certificate of achievement. Specially mounted certificate plaques are presented to the top scorer in each of the four classes. Winners will be announced and awards presented at the 2012 annual FRRL Winter Banquet. Awards will be delivered later if you can't make the banquet.

DX Prefix Cross-Reference List: *The Bill Erickson 2011 FRRL HF Challenge* worksheet has DXCC countries listed by their common prefix groups. Many countries also issue alternate prefixes in addition to those listed (See *Alt.* below). Use this table to cross-reference the alternates so you can easily identify the DX. Further changes are likely to be made by many countries; listen carefully, don't rely on the DX Cluster spot call signs, and make sure you properly record the countries, states and provinces that you work.

<i>Alt.</i>	<i>Listed</i>	<i>Alt.</i>	<i>Listed</i>	<i>Alt.</i>	<i>Listed</i>	<i>Alt.</i>	<i>Listed</i>
1B	UAI	AH7K	KH7K	H8,H9	HO	PYØZ	PYØF
2D	GD	AL7	KL7	HE	HB	PYØZM	PYØT
2E	G	AM#-A0#	EA#	HF	SN	PYØZP	PYØS
2I	GI	AT4-AW4	VU4	HFØ	CE9	PYØZR	PYØF
2J	GJ	AT7-AW7	VU7	HFØ	VP8/SH	RØ,R7,R9	UA9
2M	GM	AT-AW	VT	HG	HA	RIAx	CE9
2U	GU	AX#	VK#	HM	P5	RI-R6	UAI
2W	GW	AY-AZ	LO	HN	YI	R	UA
3DAØ	3D6	BA-BL	BY	HT	YN	SIA	G
3E,3F	HO	BM-BO	BV	HU	YS	S6	9V
3G	CE9	BP	BY	HW-HY	F	S8	ZR
3H-3U	BY	BR-BU	BY	IA,IR,IY	CE9	SS	SU
3YØ-3Y2,3Y9	CE9	BV#x	BQ#x	IMØ	ISØ	T4	CM
3Z	SN	BW,BZ	BY	J4	SV	T6	YA
4A-4C	XA	BX	BV	J45	SV5	T9	E7
4D-4I	DU	C4	5B	J49	SV9	TH	F
4M	YV	CEØA,F,Y	CEØY	JZ	YB	TI	TE
4T	OA	CEØZ	CEØZ	KC4	CE9	TM	F
4U1ET	4W	CF-CK	VA	KC6	T8	TO,TQ	F
4U1VIC	OE	CL	CM	KG4xxx	K	TO,TX	FG,FM,FP,FR
4U1WB	K	CO	CM	L2-L9	LO	TS	3V
4V	HH	CQ-CT	CT1	LU	VP8/G	TV,TW	F
5C-5G	CN	CQ3,CQ9	CT3	LU	VP9/O	TX	FK/C
5J,5K	HJ	CQ8X	CU	LU	VP8/SA	UI-U6	UAI
5L,5M	EL	CR2X	CU	LU	VP8/SH	VKØ	CE9
5P,5Q	OU	CR3,CR9	CT3	LU#Z	CE9	VO	VA
6A,6B	SU	CS3,CS9	CT3	LZØ	CE9	VO	VE
6C	YK	CY,CZ	VA	M	G	VP8	CE9
6D-6J	XA	D5	EL	MC	GW	VS	VR2
6K-6N	HL	D7-D9	HL	MD	GD	VU	CE9
6O	TS	DP	CE9	MH	GJ	VX-YY	VA
6P-6S	AP	DS	HL	MI	GI	VZ	VH
6T,6U	ST	DS,DT	HL	MJ	GJ	W#,WX#	K#,Kx#
6X	5R	E2	HS	MM	GM	XJ-XO	VA
6Z	EL	ED	CE9	MM	GM	XP	OX
7A-7I	YB	EM	CE9	MN	GI	XQ,XR	CA
7J-7N	JA	EK	UR	MP	GU	XQØX,XRØX	CEØX
7R	7T	EM-EO	UR	MS	GM	XQØY,XRØY	CEØE
7S	SA	ER-ES	UR	MT	GD	XQØZ,XRØZ	CEØI
7Z	HZ	EU-EZ	UR	MU	GU	XS	BY
8A-8I	YB	FT8Y	CE9	MW	GW	XV	3W
8J-8N	JA	FTØ,2,8x	FT5x	MX	G	YM	TA
8O	A2	FU-FV	F	MZ	GM	YXØ	YVØ
8S	SA	GB	G (any)	N#,Nx#	K#,Kx#	YZ	YT
8T-8Y	VT	GC	GW	NC6	T8	ZG2	ZB2
8Z	HZ	GH	GJ	NH#	KH#	ZK1	E5
9B-9D	EP	GN	GI	NL7	KL7	ZK1/N,S	E5
9E,9F	ET	GP	GU	NP#	KP#	ZL5	CE9
9MØ	IS	GS	GM	OAØ	CE9	ZN-ZO	G,GI
9W	9M2,9M6	GT	GD	OHØM	OJØ	ZQ	G,GI
A8	EL	GX	G	P3	5B	ZR8	ZS8
AA-AK	K	H2	5B	PK-PO	YB	ZS7A	CE9
AC6	T8	H3	HO	PYØM	PYØT	ZVØ	CE9
AH#	KH#	H5	ZR	PYØP	PYØS	ZV-ZY	PP
AH5K	KH5K	H6,H7	YN	PYØR	PYØF	ZXØx-ZZØx	PYØx

BILL ERICKSON 2011 FRRL HF CHALLENGE WORKSHEET and APPLICATION

Name: _____

Limited Class (Limitation: _____)

Operator Class

Call sign: _____

QRO Class

Iag Chewer (an additional Class)

STATE (Any state is also USA Country)	RC	CALLSIGN	DATE	STATE or CANADA Province/Territory	RC	CALLSIGN	DATE
Alabama				West Virginia			
Alaska (also add to DX)				Wisconsin			
Arizona				Wyoming			
Arkansas				VA1,VE1 Nova Scotia, Canada			
California				VA2,VE2 Quebec, Canada			
Colorado				VA3,VE3 Ontario, Canada			
Connecticut				VA4,VE4 Manitoba, Canada			
Delaware				VA5,VE5 Saskatchewan, Canada			
Florida				VA6,VE6 Alberta, Canada			
Georgia				VA7,VE7 British Columbia, Canada			
Hawaii (also add to DX)				VE8 Northwest Territories, Canada			
Idaho				VE1,VE9 New Brunswick, Canada			
Illinois				VO1,VO2 Newfoundland/Lab., Canada			
Indiana				VY0 Nunavut, Canada			
Iowa				VY1 Yukon Territory, Canada			
Kansas				VY2 Prince Edward I., Canada			
Kentucky				TOTAL STATES & PROVINCES			
Louisiana				ARRL DXCC COUNTRY	RC	CALLSIGN	DATE
Maine				1A* Sov. Military Order of Malta			
Maryland or Washington D.C.				3A* Monaco			
Massachusetts				3B6,7 Agalega & St. Brandon Is.			
Michigan				3B8 Mauritius I.			
Minnesota				3B9 Rodriguez I.			
Mississippi				3C* Equatorial Guinea			
Missouri				3C0* Annobon			
Montana				3D2/C* Conway Reef			
Nebraska				3D2/F Fiji Is.			
Nevada				3D2/R* Rotuma			
New Hampshire				3D6 Swaziland			
New Jersey				3V Tunisia			
New Mexico				3W,XV* Viet Nam			
New York				3X Guinea			
North Carolina				3Y/B** Bouvet I.			
North Dakota				3Y/P Peter I I.			
Ohio				4J-4K* Azerbaijan			
Oklahoma				4L Georgia			
Oregon				4O Montenegro			
Pennsylvania				4P-4S* Sri Lanka			
Rhode Island				4U1ITU ITU Hq. Geneva			
South Carolina				4U1UN United Nations Hq. NYC			
South Dakota				4W* Timor - Leste			
Tennessee				4X,4Z Israel			
Texas				5A Libya			
Utah				5B Cyprus			
Vermont				5H-5I Tanzania			
Virginia				5N-5O Nigeria			
Washington (state)				5R-5S Madagascar			

ARRL DXCC	COUNTRY	RC	CALLSIGN	DATE	ARRL DXCC	COUNTRY	RC	CALLSIGN	DATE
5T	Mauritania				CN	Morocco			
5U	Niger				CP	Bolivia			
5V	Togo				CT1-2,4-8	Portugal			
5W	Western Samoa				CT3,9	Madeira Is.			
5X	Uganda				CU	Azores			
5Y-5Z	Kenya				CV-CX	Uruguay			
6V-6W	Senegal				CYØ	Sable I.			
6Y	Jamaica				CY9	Saint Paul I.			
70**	Yemen				D2-3	Angola			
7P	Lesotho				D4	Cape Verde			
7Q*	Malawi				D6*	Comoros			
7T-7Y	Algeria				DA-DR	Federal Republic of Germany			
8P	Barbados				DU-DZ	Philippines			
8Q*	Maldives				E3**	Eritrea			
8R	Guyana				E4*	Palestine			
9A	Croatia				E5,ZK1/N	North Cook Is.			
9G	Ghana				E5,ZK1/S	South Cook Is.			
9H	Malta				EAI-EH5	Spain			
9I-9J	Zambia				EA6-EH6	Balearic I.			
9K	Kuwait				EA8-EH8	Canary I.			
9L	Sierra Leone				EA9-EH9	Ceuta & Melilla			
9MØ*	Spratly Is.				EI-EJ	Ireland			
9M2,4*	West Malaysia				EK*	Armenia			
9M6,8	East Malaysia				EL	Liberia			
9N*	Nepal				EP-EQ**	Iran			
9O-9T	Dem. Rep. of the Congo				ER	Moldova			
9U*	Burundi				ES	Estonia			
9V*	Singapore				ET*	Ethiopia			
9X	Rwanda				EU-EW	Belarus			
9Y-9Z	Trinidad & Tobago				EX*	Kyrgyzstan			
A2	Botswana				EY*	Tajikistan			
A3	Tonga				EZ*	Turkmenistan			
A4	Oman				F	France			
A5*	Bhutan				FG	Guadeloupe			
A6	United Arab Emirates				FH*	Mayotte I.			
A7*	Qatar				FJ	Saint Barthelemy			
A9*	Bahrain				FK	New Caledonia			
AP-AS*	Pakistan				FK/C,TX*	Chesterfield Is.			
BS7**	Scarborough Reef				FM	Martinique			
BV	Taiwan				FO	French Polynesia			
BV9P*	Pratas I.				FO/A	Austral I.			
BY	China				FO/C	Clipperton I.			
C2*	Nauru				FO/M	Marquesas I.			
C3*	Andorra				FP	Saint Pierre & Miquelon			
C5	The Gambia				FR	Reunion I.			
C6	Bahamas				FR/G*	Glorioso I.			
C8-C9	Mozambique				FR/J**	Juan de Nova, Europa			
CA-CE	Chile				FR/T**	Tromelin I.			
CEØX*	San Felix/San Ambrosio I.				FS	Saint Martin (French side)			
CEØY	Easter I.				FT5W**	Crozet I.			
CEØZ*	Juan Fernandez I.				FT5X*	Kerguelen I.			
CE9,KC4	Antarctica				FT5Z**	Amsterdam & St. Paul Is.			
CM-CO	Cuba				FW	Wallis & Futuna Is.			

ARRL DXCC	COUNTRY	RC	CALLSIGN	DATE	ARRL DXCC	COUNTRY	RC	CALLSIGN	DATE
FY	French Guiana				KH8/S*	Swains I.			
G,M	England				KH9*	Wake I.			
GD,MD	Isle of Man				KL7	Alaska (also add state)			
GI,MI	Northern Ireland				KP1**	Navassa I.			
GJ,MJ	Jersey				KP2	US Virgin Is.			
GM,MM	Scotland				KP3,KP4	Puerto Rico			
GU,MU	Guernsey				KP5	Desecheo I.			
GW,MW	Wales				LA-LN	Norway			
H4	Solomon Is.				LO-LW	Argentina			
H4Ø*	Temotu Province				LX	Luxembourg			
HA,HG	Hungary				LY	Lithuania			
HB	Switzerland				LZ	Bulgaria			
HBØ	Liechtenstein				OA-OC	Peru			
HC-HD	Ecuador				OD	Lebanon			
HC8-HD8	Galapagos Is.				OE	Austria			
HH	Haiti				OF-OI	Finland			
HI	Dominican Republic				OHØ	Aland I.			
HJ-HK	Colombia				OJØ*	Market Reef			
HKØ/A	San Andres I.				OK,OL	Czech Republic			
HKØTU*	Malpelo I.				OM	Slovak Republic			
HL,DS	Republic of Korea				ON-OT	Belgium			
HO-HP	Panama				OU-OZ	Denmark			
HQ-HR	Honduras				OX	Greenland			
HS,E2	Thailand				OY	Faroe Is.			
HV*	Vatican City				P2	Papua New Guinea			
HZ*	Saudi Arabia				P4	Aruba			
I	Italy				P5-P9**	DPRK (North Korea)			
ISØ,IMØ	Sardinia				PA-PI	Netherlands			
I2	Djibouti				PJ2	Curaçao			
I3	Grenada				PJ4	Bonaire			
I5	Guinea-Bissau				PJ5,6	St. Eustatius/Saba			
I6	Saint Lucia				PJ7	Sint Maarten			
I7	Dominica				PP-PY	Brazil			
I8	Saint Vincent				PYØF,ØZ	Fernando de Noronha			
JA-JS	Japan				PYØS*	Saint Peter and Paul Rocks			
JDI/M*	Minami Torishima				PYØT*	Trindade & Martim Vaz Is.			
JDI/O*	Ogasawara				PZ	Suriname			
JT-JV	Mongolia				RIF	Franz Josef Land			
JW	Svalbard				RIM*	Malyj Vysotskij I.			
JX*	Jan Mayen				SØ	Western Sahara			
JY	Jordan				S2-S3**	Bangladesh			
K,W,N, AA-AK	United States of America				S5	Slovenia			
KG4xx	Guantanamo Bay				S7	Seychelles Is.			
KHØ	Mariana Is.				S9	Sao Tome & Principe			
KH1*	Baker Howland I.				SA-SM	Sweden			
KH2	Guam				SN-SR	Poland			
KH3	Johnston I.				ST	Sudan			
KH4	Midway I.				SU*	Egypt			
KH5	Palmyra & Jarvis Is.				SV-SZ	Greece			
KH5K*	Kingman Reef				SV/A**	Mount Athos (SV2ASP)			
KH6,7	Hawaii (also add state)				SV5*	Dodecanese			
KH7K*	Kure I.				SV9	Crete			
KH8	American Samoa				T2	Tuvalu			

ARRL DXCC COUNTRY	RC	CALLSIGN	DATE	ARRL DXCC COUNTRY	RC	CALLSIGN	DATE
T3Ø		Western Kiribati		VP8/G,LU*		South Georgia I.	
T31*		Central Kiribati		VP8/O,LU*		South Orkney Is.	
T32		Eastern Kiribati		VP8/SA,LU**		South Sandwich Is.	
T33		Banaba I.		VP8/SH,LU		South Shetland Is.	
T5*		Somalia		VP9		Bermuda	
T7		San Marino		VQ9		Chagos I.	
T8		Palau		VR2		Hong Kong	
T9,E7		Bosnia-Herzegovina		VT-VW*		India	
TA-TC		Turkey		VU4,7**		Andaman & Nicobar I.	
TD-TG		Guatemala		VU7**		Lakshadweep Is.	
TE,TI		Costa Rica		XA-XI		Mexico	
TF		Iceland		XFØ,4		Revillagigedo	
TI9		Cocos I.		XT		Burkina Faso	
TJ*		Cameroon		XU*		Cambodia	
TK		Corsica		XW*		Laos	
TL*		Central African Republic		XX9*		Macau	
TN*		Republic of the Congo		XY-XZ**		Myanmar	
TR		Gabon		YA*		Afghanistan	
TT*		Chad		YB-YH		Indonesia	
TU		Cote d'Ivoire		YI*		Iraq	
TY		Benin		YJ		Vanuatu	
TZ		Mali		YK*		Syria	
UA-UI, RA -RZ1,3,4,6		European Russia		YL		Latvia	
UA-UI, RA -RZ8,9,Ø		Asiatic Russia		YN		Nicaragua	
UA-UI2,RA -RZ2		Kaliningrad		YO-YR		Romania	
UJ-UM*		Uzbekistan		YS		El Salvador	
UN-UQ		Kazakhstan		YT-YU		Serbia	
UR-UZ,EM-EO		Ukraine		YV-YY(1-9)		Venezuela	
V2		Antigua & Barbuda		YVØ,YXØ		Aves I.	
V3		Belize		Z2		Zimbabwe	
V4		Saint Kitts & Nevis		Z3		Macedonia	
V5		Namibia		ZA		Albania	
V6*		Micronesia		ZB2,3		Gibraltar	
V7		Marshall Is.		ZC4*		U. K. Bases on Cyprus	
V8*		Brunei		ZD7		Saint Helena	
VA-VG,VO		Canada (also add province)		ZD8		Ascension I.	
VH-VK		Australia		ZD9*		Tristan da Cunha & Gough Is.	
VKØ/H**		Heard I.		ZF		Cayman Is.	
VKØ/M**		Macquarie I.		ZK2		Niue	
VK9C*		Cocos (Keeling) I.		ZK3		Tokelau Is.	
VK9L*		Lord Howe I.		ZL-ZM		New Zealand	
VK9M*		Mellish Reef		ZL7,ZM7		Chatham I.	
VK9N		Norfolk I.		ZL8,ZM8		Kermadec I.	
VK9W*		Willis I.		ZL9,ZM9*		Auckland & Campbell I.	
VK9X*		Christmas I.		ZP		Paraguay	
VP2E		Anguilla		ZR-ZU		Republic of South Africa	
VP2M		Montserrat		ZS8**		Prince Edward & Marion Is.	
VP2V		British Virgin Is.					
VP5		Turks & Caicos Is.					
VP6		Pitcairn I.					
VP6D		Ducie I.					
VP8/F		Falkland Is.					
						Total Countries:	
						Grand Total:	

This Worksheet & Application is accurate to the best of my knowledge

Signed: _____ Date: _____