

Amateur Radio “DXing”

Amateur radio operators who specialize in making two way radio contact with other amateurs in distant countries are referred to as "DXers". On the HF amateur bands, DX stations are those in foreign countries. On the VHF/UHF amateur bands, DX stations can be within the same country or continent, since making a long-distance VHF contact, without the help of a satellite, can be very difficult.

DXers collect QSL cards as proof of contact and can earn special certificates and awards from amateur radio organizations.

DXing *versus* Contesting

- Pure **DXers** relish the ensuing QSO as much as, or even more than, the chase.
- **DX Contesting** is focused on making as many contacts as possible in a limited time. As a result, the QSO is as brief as possible.
- It's OK to do one, the other, or both.

What equipment you need to work HF DX?

- HF rig @100w CW/Phone or @35w Digital
(digital modes also require a computer and free software)
- 'Good' Antennae
If it is getting the job done, then it's good!
- Good operating habits, manners, and ethics
<http://www.ham-operating-ethics.org/versions.html>
- Patience

DX Code of Conduct

- I will listen, and listen, and then listen again before calling.
- I will only call if I can copy the DX station properly.
- I will not trust the DX cluster and will be sure of the DX station's call sign before calling.
- I will not interfere with the DX station nor anyone calling and will never tune up on the DX frequency or in the QSY slot.
- I will wait for the DX station to end a contact before I call.
- I will always send my full call sign.
- I will call and then listen for a reasonable interval. I will not call continuously.
- I will not transmit when the DX operator calls another call sign, not mine.
- I will not transmit when the DX operator queries a call sign not like mine.
- I will not transmit when the DX station requests geographic areas other than mine.
- When the DX operator calls me, I will not repeat my call sign unless I think he has copied it incorrectly.
- I will be thankful if and when I do make a contact.
- I will respect my fellow hams and conduct myself so as to earn their respect.



DX Windows

- By *Gentlemans Agreement* certain frequencies are used to establish DX contacts. These can differ by ITU Zone and Country. When in doubt, check it out.

<http://www.arrl.org/band-plan>

[ARRL Considerate Operators Guide](#)

When can or should you DX?

- - Grayline
<http://fourmilab.ch/cgi-bin/Earth/>
- - Propagation forecast tools
<http://www.hamqsl.com/solar.html>
- - MUF forecast tools
<http://www.hamqsl.com/solar1.html>
- - Solar Information
<http://spaceweather.com>
- - NCDXF/IARU beacons
<http://www.ncdxf.org/pages/beacons.html>
- - DXpeditions
 - ARRL W1AW DX Bulletin <http://www.arrl.org>
 - DX Zone <http://DXZone.com>

Other tools to help you DX

- DX Clusters / Spotting
<http://DXSummit.fi>
- Logging programs
- LoTW / eQSL
- QSL bureau(s)
 - ARRL outgoing Bureau
 - Zero Bureau
- DX Clubs

DXCC

- In October 1935 Clinton B. DeSoto, Assistant to the Secretary, A.R.R.L., wrote an article for QST entitled *“How to Count Countries Worked: A New DX Scoring System.”* This article became the basis for the DXCC program that we know today.
- The basic rule is simple and direct: *Each discrete geographical or political entity is considered to be an entity.*

DXCC

- DXCC Today
 - 340 current Entities (61 deleted Entities)
 - 16 Separate Awards
- DXCC Honor Roll / #1 Honor Roll
 - HR requires 331 or more current entities
 - #1 HR requires all 340 current entities
- DXCC Challenge
 - Annual Competition resulting in the awarding of the DeSoto Cup – requires a minimum of 1,000 current band-entities for plaque

<http://www.arrl.org/dxcc>



The American Radio Relay League, Inc.

DX CENTURY CLUB

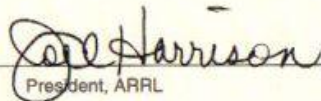
This Certifies that

New York University ARC, W2DSC

Has this day submitted evidence to the American Radio Relay League showing two-way communication with other amateur stations in at least one hundred different countries. This certificate recognizes outstanding performance and attests to membership in the DX Century Club.

16,552

September 29, 1970

 W5ZN
President, ARRL

5 Band DXCC Award

Presented to

Thomas Hise, NC00

*For successful confirmation of two-way radio contacts
made with Amateur Radio stations in no less than
100 DXCC entities on each of the following
five amateur bands: Eighty Meters, Forty Meters,
Twenty Meters, Fifteen Meters, and Ten Meters.*



ARRL

The national association for
AMATEUR RADIO

May 6, 2011

#6,998

Kay Craigie

N3KN

ARRL President

More Resources

- DX – The Ultimate Contact Sport

<http://www.arrl.org/dx-1>

- Contesting Primer

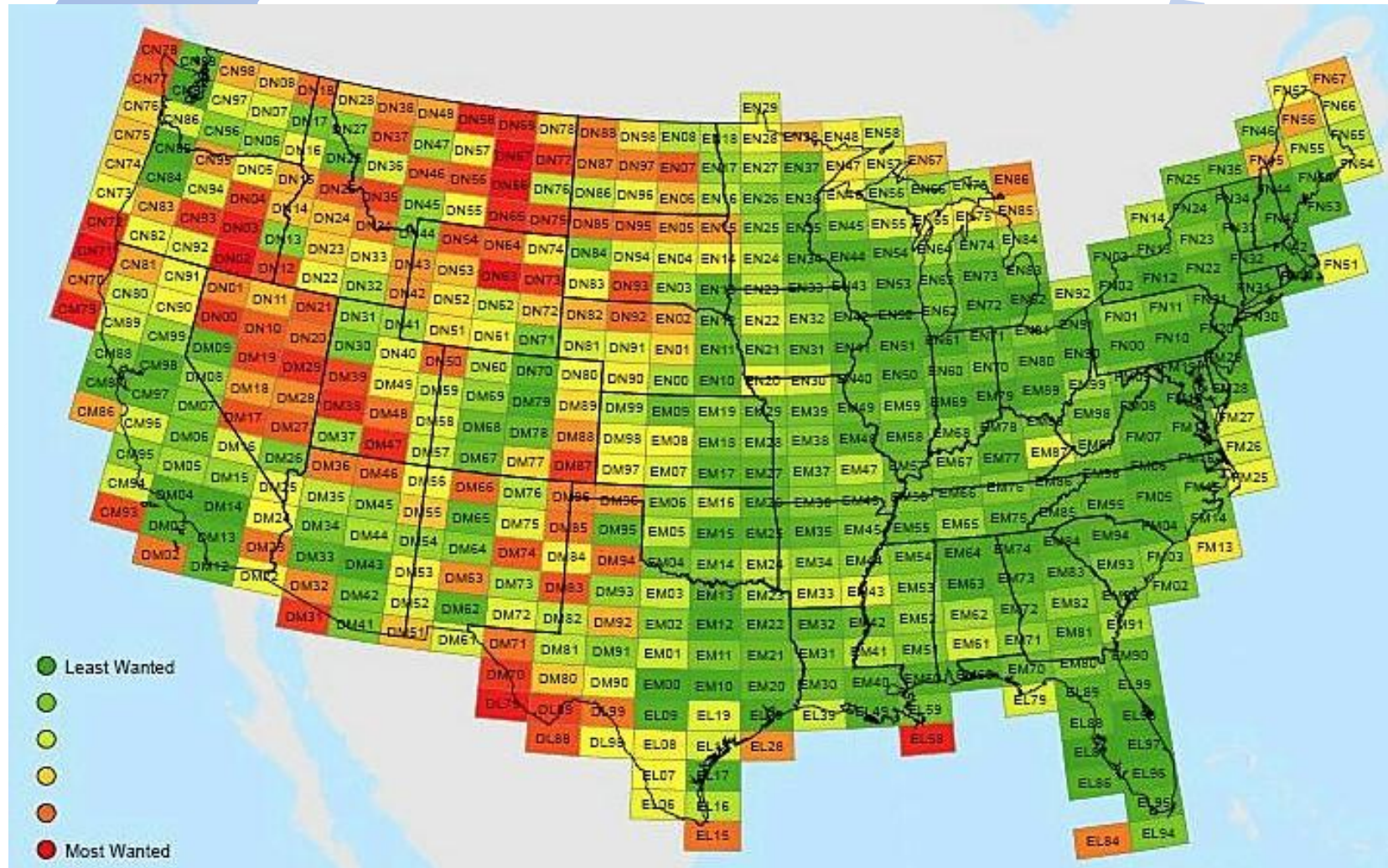
<http://www.arrl.org/contesting-primer>

FFMA

- The Fred Fish Memorial Award was created in honor of Fred Fish, W5FF (SK), who is the first amateur to have worked and confirmed all 488 Maidenhead grid squares in the 48 contiguous United States on 6 Meters. The award will be given to any amateur who can duplicate W5FF's accomplishment.
- Only 5 FFMA certificates have been issued.
- This award also encourages operation on the VHF bands from rare grid squares (known as Grid DXpeditions) to help activate all 488 grids.

<http://www.arrl.org/ffma>

FFMA Grid Map





- Vince (KØSIX), Maria (KØMPP), John (WAØVPJ), Brad (KBØHNN), Dave (K9DRO), and Justin (K9MU) will activate EN48 from June 6th through June 10th. They will be operating from a cabin located on Gunflint Lake and only a stone's throw away from Canada.

[www.k0six.com/w0w`](http://www.k0six.com/w0w)

For an Electronic Copy

- Send an email to...

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