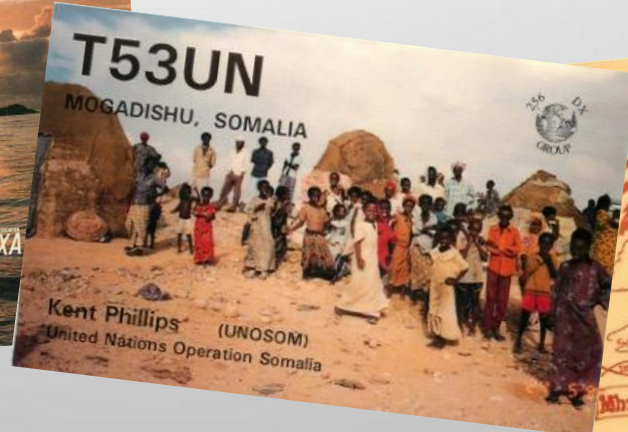
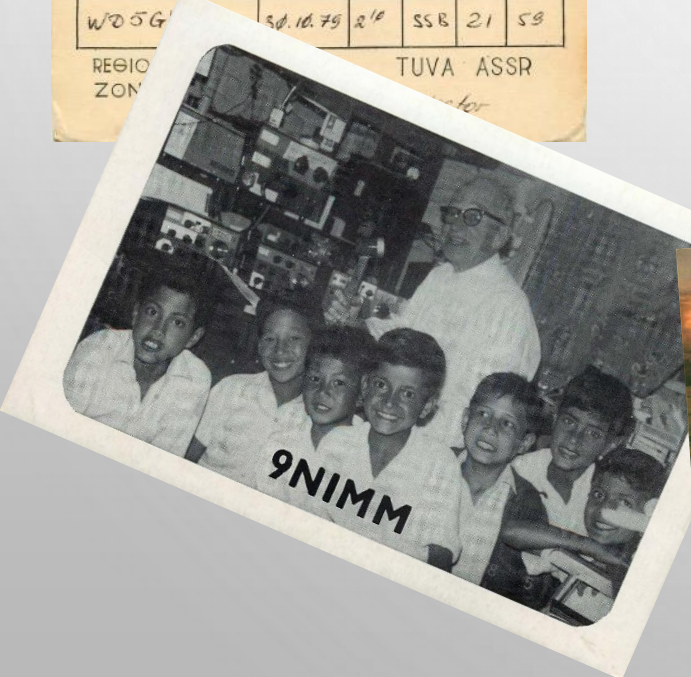


# DX PROGRAM

JOHN SMITH K3GO





# BIG GUN OR LITTLE PISTOL



AB5K stack



K3GO Pro67



WBOYEA Vertical

DX is the thrill of the hunt. No matter what size station you have its always an adventure when you turn on the radio. You never know what person, country your rig will share with you.

You will meet and make lifelong friends and experiences.

# DXCC ORIGIN AND LOTW

- The DXCC List is based on Clinton B. DeSoto's, W1CBD, landmark 1935 QST article, "[How to Count Countries Worked, A New DX Scoring System.](#)"
- There are 19 DXCC awards plus honor roll.
- LoTW (Logbook of the world) is a secure, central repository of logs from ham operators around the world. One of the main features is it will allow DXCC, WAS and VUCC program participants to claim credit without the need for having a QSL card in hand.
- To use LoTW you need to install TQSL and obtain a callsign certificate and password. See <https://lotw.arrl.org/lotw-help/getting-started/>
- Once you are setup there are these standings for awards as well as plaques (Listed on right)
- The DXCC Challenge Award is earned by working and confirming at least 1,000 DXCC band-points on any Amateur bands, 160 through 6 meters (except 60 meters). Cup to annual winner and plaque/medallion runner ups.

## Awards

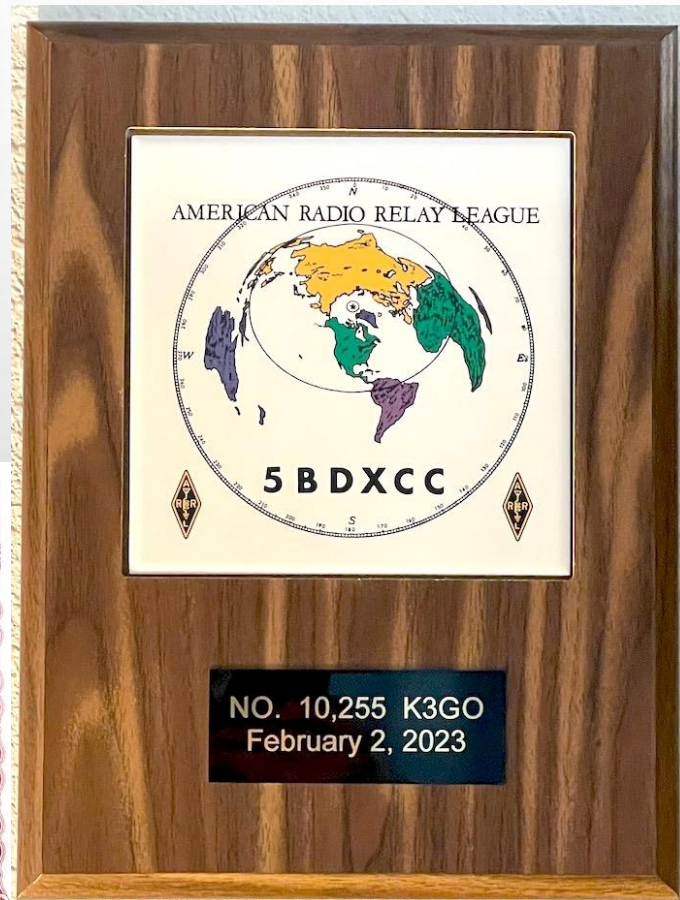
Mixed
Phone
CW
RTTY/Digital
Satellite
160 Meters
80 Meters
40 Meters
30 Meters
20 Meters
17 Meters
15 Meters
12 Meters
10 Meters
6 Meters
2 Meters
70 Centimeters
Challenge
Honor Roll



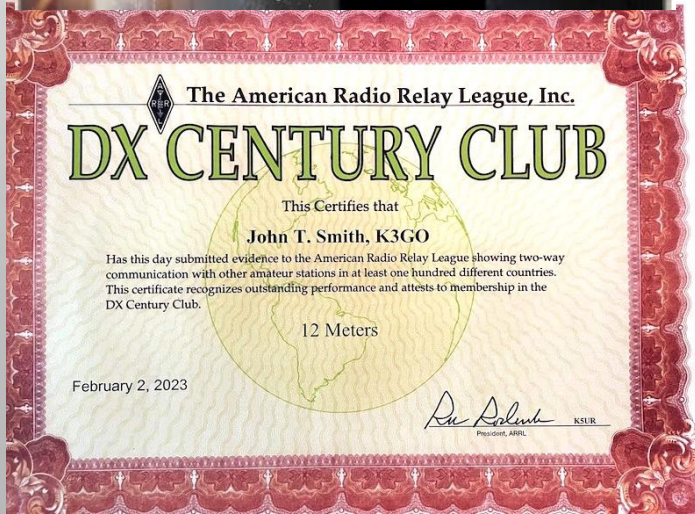
# THE DX CENTURY CLUB AWARD

- There are 19 DXCC awards plus Honor Roll.

Here are couple of examples of awards -



**Challenge Cup**  
The DeSoto Cup is presented to the DXCC Challenge leader as of the 31st of December each year.



# ADDITIONAL LOGBOOK AWARDS

## Your Logbook DXCC Account (K3GO - UNITED STATES OF AMERICA)

### Account Status

DXCC Award	New LoTW QSLs	LoTW QSLs in Process	DXCC Credits Awarded	Total (All)	Total (Current)
<a href="#">Mixed</a> *	0	0	348	348	336
<a href="#">CW</a> *	2	0	264	266	260
<a href="#">Phone</a> *	0	0	332	332	320
<a href="#">Digital</a> *	15	0	138	153	150
<a href="#">160M</a>	0	0	54	54	52
<a href="#">80M</a> *	2	0	119	121	121
<a href="#">40M</a> *	1	0	154	155	153
<a href="#">30M</a> *	5	0	103	108	108
<a href="#">20M</a> *	2	0	265	267	261
<a href="#">17M</a> *	7	0	109	116	115
<a href="#">15M</a> *	5	0	205	210	204
<a href="#">12M</a> *	12	0	107	119	118
<a href="#">10M</a> *	7	0	188	195	187
<a href="#">6M</a>	2	0	13	15	15
<a href="#">Challenge</a> *	43	0	1291	---	1334
5-Band *	---	---	---	---	---
5-Band 30M *	---	---	---	---	---
5-Band 17M *	---	---	---	---	---
5-Band 12M *	---	---	---	---	---

\* = Award has been issued

[View Award Credit Matrix](#)

This account includes credits for the following:

K3GO - UNITED STATES OF AMERICA  
 KI4XO - UNITED STATES OF AMERICA  
 WD5GYD - UNITED STATES OF AMERICA  
 This account is linked with DXCC record:

JOHN T SMITH, K3GO

### Notes

- Click on the **Awards** item in the menu at the top of the page to select a different LoTW award account.
- You can click on the links in the Account Status table to view the credit list for an individual award.
- When you are ready to apply your LoTW credits to your DXCC record, use [Application](#)
- To view the present and past applications you have submitted, use [Application History](#).
- For an ADIF download with the details of all QSLs in your DXCC record use [DXCC QSL Download](#).

- WAS Worked all states
- VUCC VHF-UHF
- CQ WPC prefixes awards
- CQ WAZ worked all zones

## Logbook Awards

### Your LoTW ARRL DXCC (DX Century Club) Account(s)

For an overview of LoTW DXCC support, see [Applying for DXCC Credits with Logbook of the World](#).

K3GO - UNITED STATES OF AMERICA

Select DXCC Award Account

### Your LoTW ARRL WAS (Worked All States) Account(s)

K3GO- WAS (FL)

Select WAS Award Account

Create New WAS Award Account

### Your LoTW ARRL VUCC (VHF/UHF Century Club) Account(s)

You have no VUCC Award accounts.

Create New VUCC Award Account

### Your LoTW CQ WPX Awards Account(s)

K3GO - UNITED STATES OF AMERICA

Select CQ WPX Award Account

### Your LoTW CQ WAZ Awards Account(s)

K3GO - UNITED STATES OF AMERICA

Select CQ WAZ Award Account

This is what a DXCC summary looks like in LOTW

Currently there are 340 DXCC entities



# THERE ARE OTHER PROGRAMS TO TRACK DX

## Not everyone uses LOTW but why not.

There are several alternatives to name a few

- QRZ.COM <https://www.qrz.com/>
- CLUB Log <https://clublog.org/login.php>
- eQSL.cc <http://eqsl.cc/qslcard/Index.cfm>

These sites are free but subscribing helps maintain them, gets access to OQRS (Online QSL requests) which results in a card confirmation.



	Date	Time	Call	Band	Freq	Mode	Grid	Country
1	2020-02-02	23:17	TI9A	17M	18.078	CW	EJ651m	Cocos Island
2	2020-02-02	22:43	TI9A	20M	14.200	USB	EJ651m	Cocos Island
3	2020-01-19	22:58	9V1YC	40M	7.074	FT8	OJ11vi	Singapore
4	2020-01-19	22:46	AC9HP	40M	7.074	FT8	EM69ts	United States
5	2020-01-19	19:15	W8NUT	40M	7.078	FT8	EN90eq	United States
6	2020-01-19	18:29	KF5NIX	20M	14.072	FT8	EM101p	United States
7	2020-01-19	18:24	KØSWT	20M	14.074	FT8	EM37uu	United States
8	2020-01-19	14:13	S55G	17M	18.101	FT8	JN65uv	Slovenia
9	2020-01-18	15:26	SP1C	20M	14.010	CW	JØ84ce	Poland
10	2020-01-18	15:20	I1YRL	20M	14.003	CW	JN35sc	Italy
11	2020-01-18	15:12	9Z4Y	17M	18.077	CW	FK90hm	Trinidad and Tobago
12	2020-01-17	21:59	4O4T	40M	7.005	CW	JN92gk	Montenegro
13	2020-01-17	21:57	OM8CW	40M	7.013	CW	KN09db	Slovak Republic
14	2020-01-17	00:30	8P5A	160M	1.825	CW	GK03ef	Barbados
15	2020-01-16	22:09	ZB2FK	40M	7.016	CW	IM76hd	Gibraltar
16	2020-01-16	00:23	SØ1WS	40M	7.020	CW	IL46rd	Western Sahara

Callsign	160	80	60	40	30	20	17	15	12	10	6	4	2	70	23	13	Total	Slots
K3GO KI4XO KB1LH WDSGYD WA4HIU	96	173	9	261	146	317	139	292	109	283	17	0	1	0	0	0	336	1843

Entity	ADIF	Pfx	160	80	60	40	30	20	17	15	12	10	6
AFGHANISTAN	3	YA	o	o	o	o	o	C	o	W	o	W	o
AGALEGA & ST BRANDON ISLANDS	4	3B7	o	W	o	W	o	C	o	W	W	W	o



**James Brooks, 9V1YC** PLUS

Singapore | 14 Videos | 202 Followers | 0 Likes

Live example of LOTW  
confirmation of FT8

Worked 9V1YC on  
1-19-2020

Confirmed LOTW a  
couple days later

Log View Search Log Prefs

TI9A Worked 2020-02-04 on 17M SSB 193°/13° 1,734 mi 2020-02-04 22 23 35 K3GO v6.28

Radio Rotor

Icom IC-7610 Filter: 2

10.145.00 VFO A

18.140.50 RTTY

Split Off

Keyer

Call **TI9A** Time On 2020-02-04 22:21:02

Local ... Time Off

First **Dx-Pedition** MHz 10.145.00 30M Mode **RTTY**

Last February 2020 Power RSTS RSTR

Street Cocos Isl. Grid **EJ65lm** Locator **iNet LL**

City Isla del Coco Chatham Bay ITU **12** IOTA 10/10

County SOTA SKCC

State QSL Via **UA3DX, eQSL, Mail, LoTW CQ 7**

Country Cocos Island DXCC **37 Cocos Island**

Email URL <http://www.qrz.com/xml/current/?...>

Notes jumbling qrg problem, Class:A, expdate:0000-0... DX de **SV2HXX**

Look Up Previous Time On Time Off Log QSO Beam R + Stacking

TI9A - Cocos Island

Log Map Bands DXClusters Schedules Awards Memories QSL History

1 of 11334 QSOs selected in MacLoggerDXK3GO.sql

Call Sign Band Mode Country Unconfirmed

Call Sign	First Name	Last Name	Time On	Time Off	Rx Freq	Band RX	Band TX	Mode	P
TI9A	Dx-Pedition	February...	2020-02-04 22:11:04	2020-02-04 22:18:12	18.14908	17M	17M	SSB	0
TI9A			2020-02-02 23:17:42	2020-02-02 23:22:12	18.07846	17M	17M	CW	0
TI9A			2020-02-02 22:43:30	2020-02-02 22:44:33	14.19500	20M	20M	USB	0
9V1YC	James A	Brooks	2020-01-19 22:58:32	2020-01-19 23:04:16	7.07400	40M	40M	FT8	0
AC9HP	Wayne R	Michael	2020-01-19 22:46:48	2020-01-19 22:47:57	7.07400	40M	40M	FT8	0
W8NUT	Marion	Belloni	2020-01-19 19:15:01	2020-01-19 19:20:56	7.07800	40M	40M	Ft8	0
KF5NIX	Stuart A	Wolfe	2020-01-19 18:29:43	2020-01-19 18:31:14	14.07400	20M	20M	FT8	0
K0SWT	Franklin B	Lewis	2020-01-19 18:24:12	2020-01-19 18:24:22	14.07400	20M	20M	FT8	0
S55G	Mitja	Gregoric	2020-01-19 14:13:41	2020-01-19 14:14:47	18.10000	17M	17M	FT8	0
SP1C	Jarek	Zwolak	2020-01-18 15:26:17	2020-01-18 15:28:15	14.01011	20M	20M	CW	0

# LIVE EXAMPLE OF LOW POWER STATION - MAY 1<sup>ST</sup>

- I decided to demonstrate what a low power rig, wire antenna, Digirig interface on FT8 could deliver towards working to a 100 country DXCC award.
- I achieved 15 countries in after noon on May 1st.  
Station was Icom 703+, OCF 40 meter dipole, Digirig interface, JTDX ( FT8 software) and MacLogger.





# LOG FOR 15 COUNTRIES LOW POWER + WIRE ANTENNA

- I decided to demonstrate what a low power rig, wire antenna, Digirig interface on FT8 could deliver.
- Results are impressive for a 10 watt setup. 15- 12 -10 meters are hot now.
- Running 15 countries in several hours. A DXCC may be achieved with limited space and patience.

1 of 13089 QSOs (9645 calls) selected in MacLoggerDXK3GO.sql

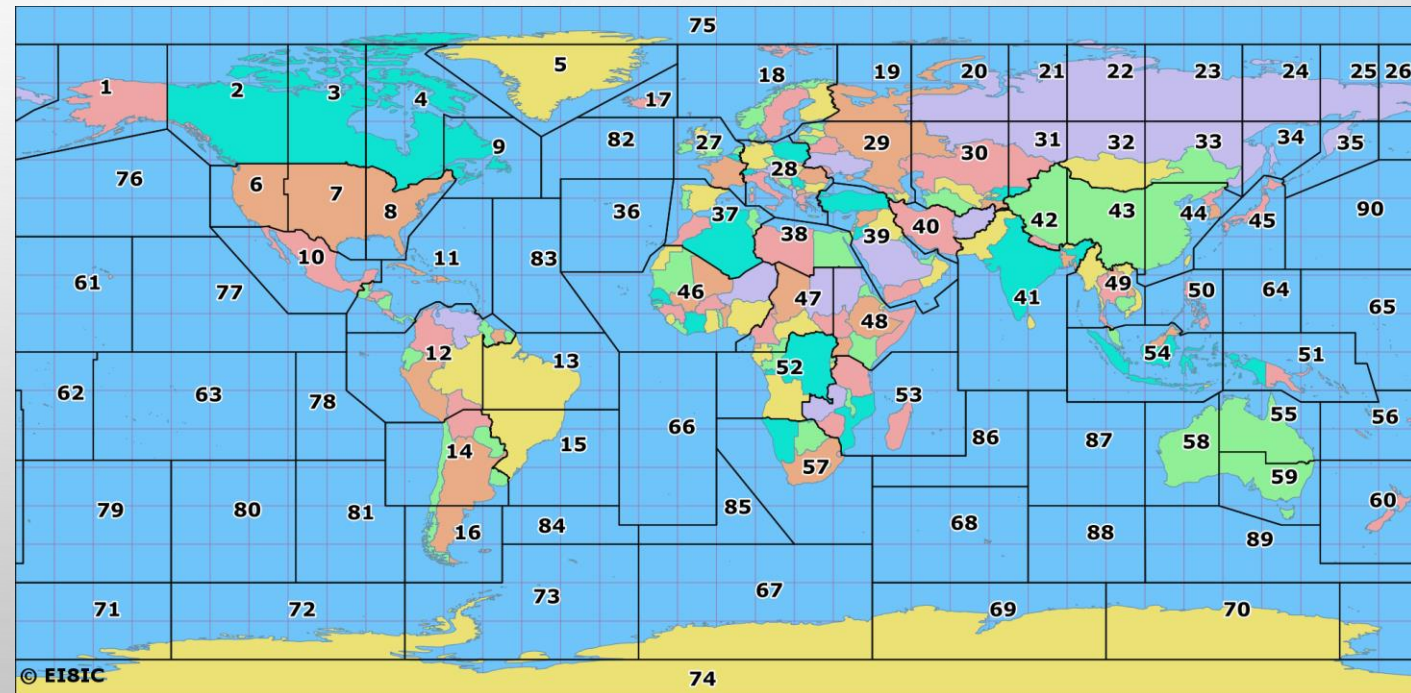
Qv Call Sign Qv Band Qv Mode Qv Country All

Call Sign	First Na...	Time Off	DXCC Country	RX Freq	Ban...	Mode	CQ	IOTA	ITU	RST S	RST R
MI0JZZ	Chris '...	2023-05-01 21:14:29	Northern Ireland	21.074...	15M	FT8	14	EU-115	27	-11	-15
WP2ASS	Shane M	2023-05-01 21:11:59	Virgin Islands	28.074...	10M	FT8	8		11	-09	-07
EA5X	Benito	2023-05-01 21:00:44	Spain	24.916...	12M	FT8	14	EU-151	37	-13	-08
CO8LY	Eduardo	2023-05-01 20:59:14	Cuba	24.916...	12M	FT8	8	NA-015	11	-16	-08
EA8JT	Alberto	2023-05-01 20:57:44	Canary Islands	24.916...	12M	FT8	33	AF-004	36	-25	-03
<b>IT9GSF</b>	Fabio	2023-05-01 20:53:14	Italy	24.916...	12M	FT8	15	EU-025	28	-15	-10
CT3/HB9...	Matthias	2023-05-01 20:50:29	Madeira Islands	24.916...	12M	FT8	33		28	-20	-01
EA7BD	Victor	2023-05-01 20:47:29	Spain	24.916...	12M	FT8	14		37	-10	-05
<b>HP1CDZ</b>	Dunca...	2023-05-01 20:45:29	Panama	24.916...	12M	FT8	7		11	-16	-13
CS25ARC	25° Ani...	2023-05-01 20:44:29	Portugal	24.916...	12M	FT8	14		37	-19	-14
F1NNI	Rémi	2023-05-01 19:47:29	France	28.074...	10M	FT8	14		27	-02	-06
PI4DX	Crew...	2023-05-01 19:34:14	Netherlands	28.075...	10M	FT8	14	EU-146	27	-20	-05
OK8QC	George	2023-05-01 13:44:59	Czech Republic	21.141...	15M	FT4	15		28	-05	-08
DJ2QV	Maik (...)	2023-05-01 13:42:14	Federal Republ...	21.141...	15M	FT4	14		28	+02	-12
G0ERF	Kf	2023-05-01 13:34:14	England	24.920...	12M	FT4	14	EU-005	27	+03	-19

# ITU WORLD REGIONS & ZONES

## IARU HF CHAMPIONSHIPS

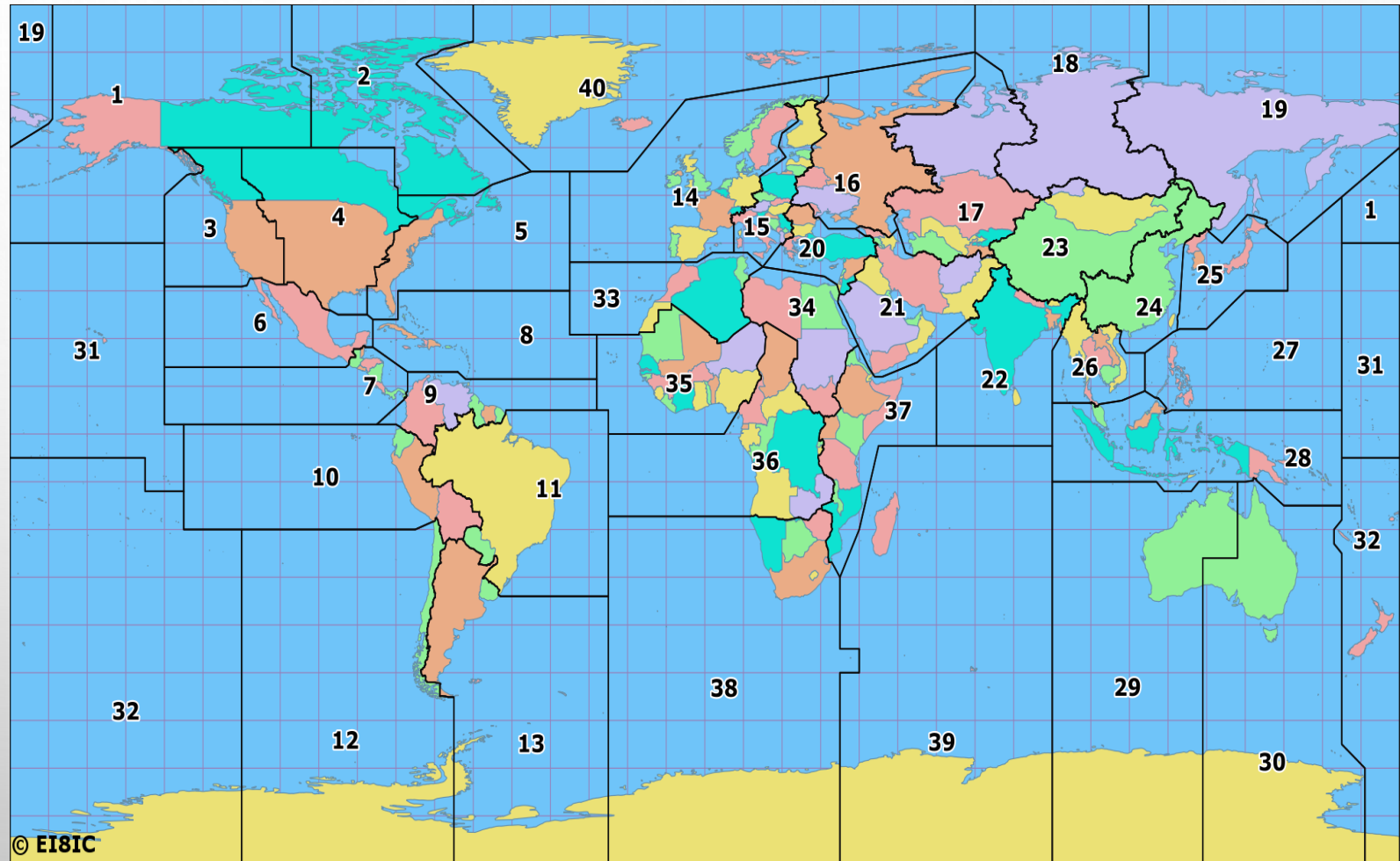
- ITU Regions
  - ✓ Some different frequency assignments and rules in each Region
  - ✓ Telephone, short wave, local broadcasting, disputes
- ITU Zones
  - ✓ Different administrative control zones





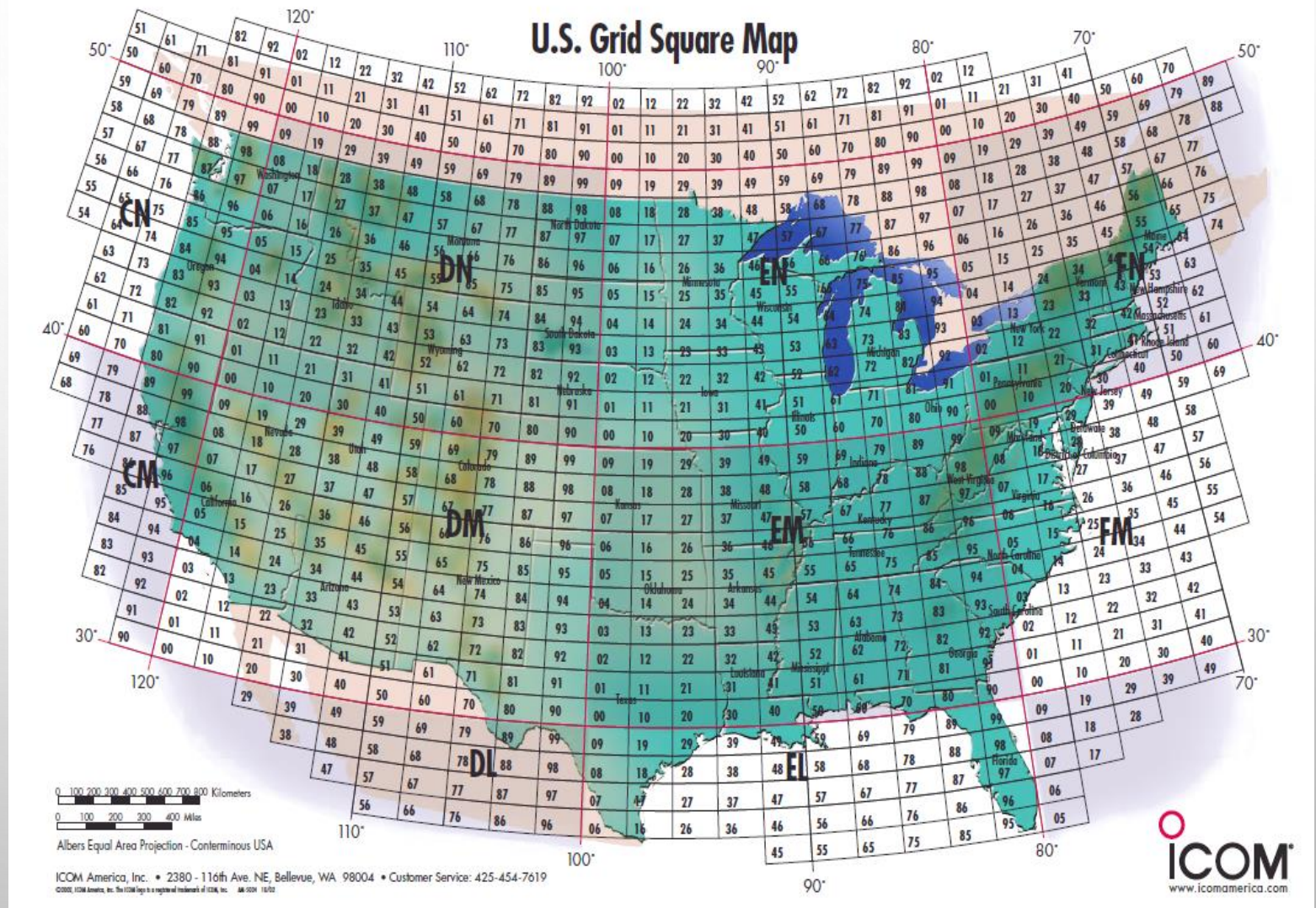
# CQ ZONE AWARDS

- CQ Zone maps are suitable for the 'CQ WW' series of Amateur Radio Worldwide Contests, and other zone-hunting awards and competitions.
- They show CQ Zones over a background of Ham Countries.



# GRID SQUARE MAP FOR VHF DXCC

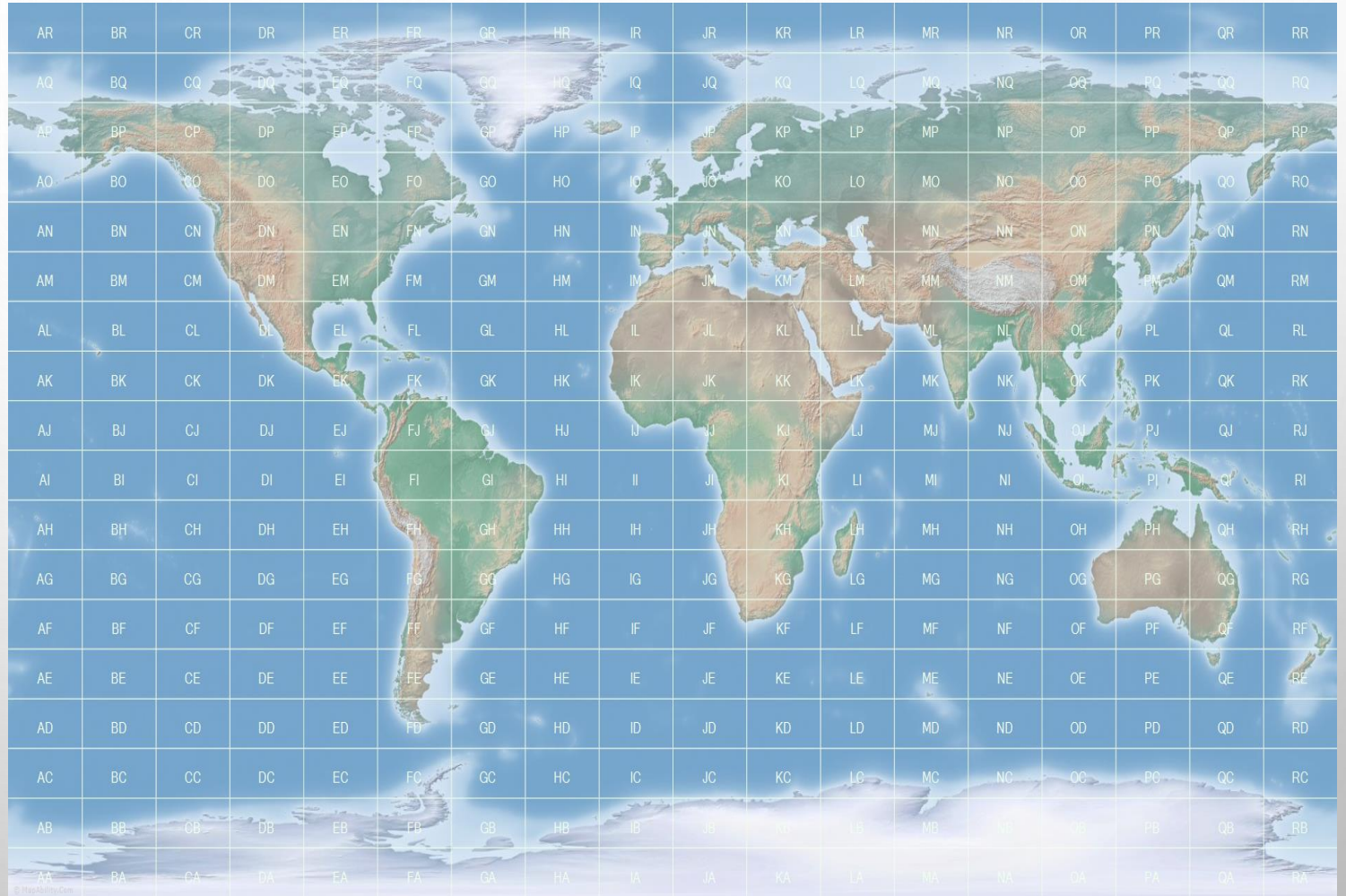
- Grid square maps are used for VHF, UHF, microwave contest and awards as well





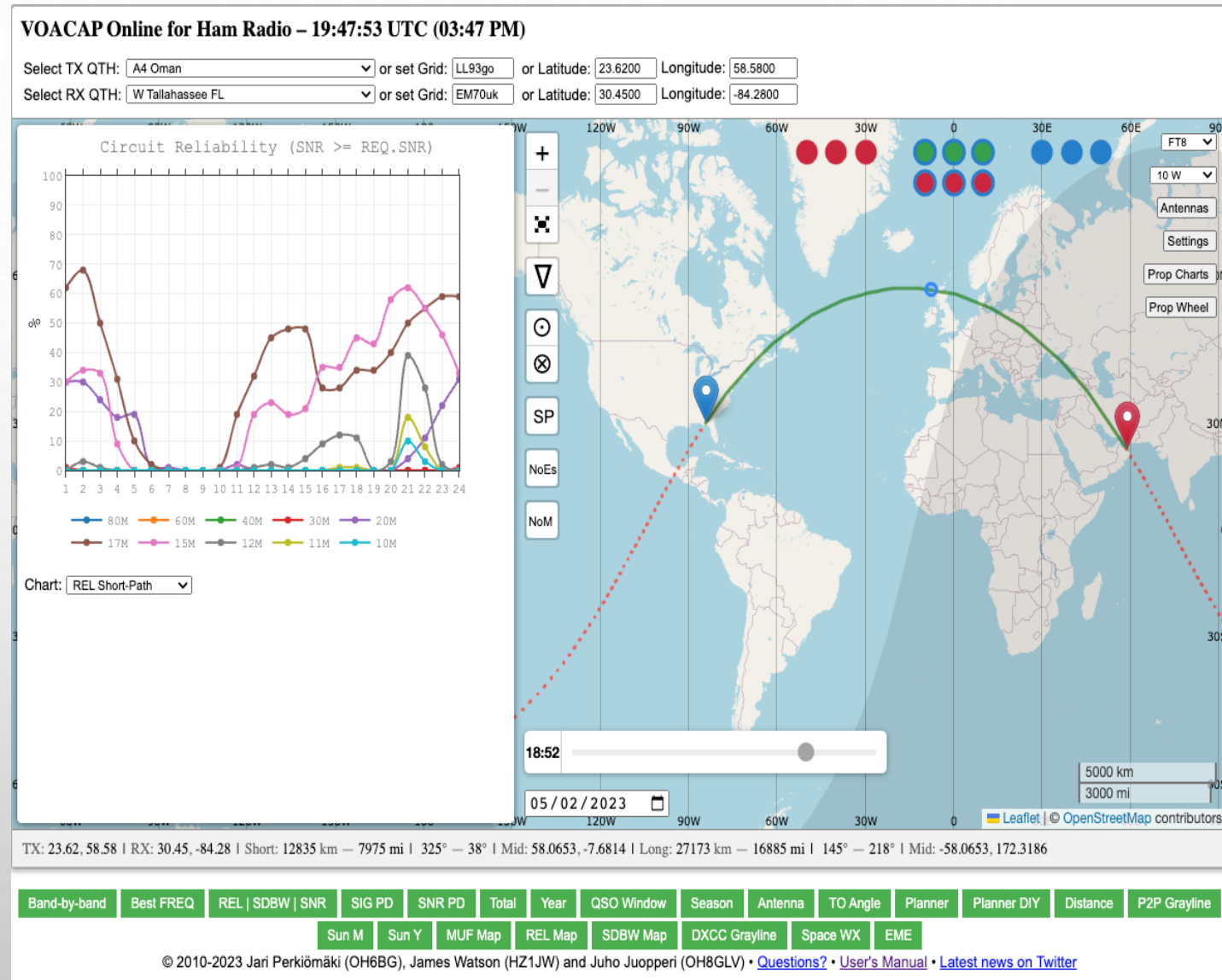
# MAIDENHEAD LOCATOR (WHAT WE USE IN FT8 FOR LOCATION)

- The Maidenhead Locator System (named after the town outside London where it was first conceived by a meeting of European VHF managers in 1980), a grid square measures 1° latitude by 2° longitude and measures approximately 70 × 100 miles in the continental US



# VOACAP ONLINE FOR HAM RADIO

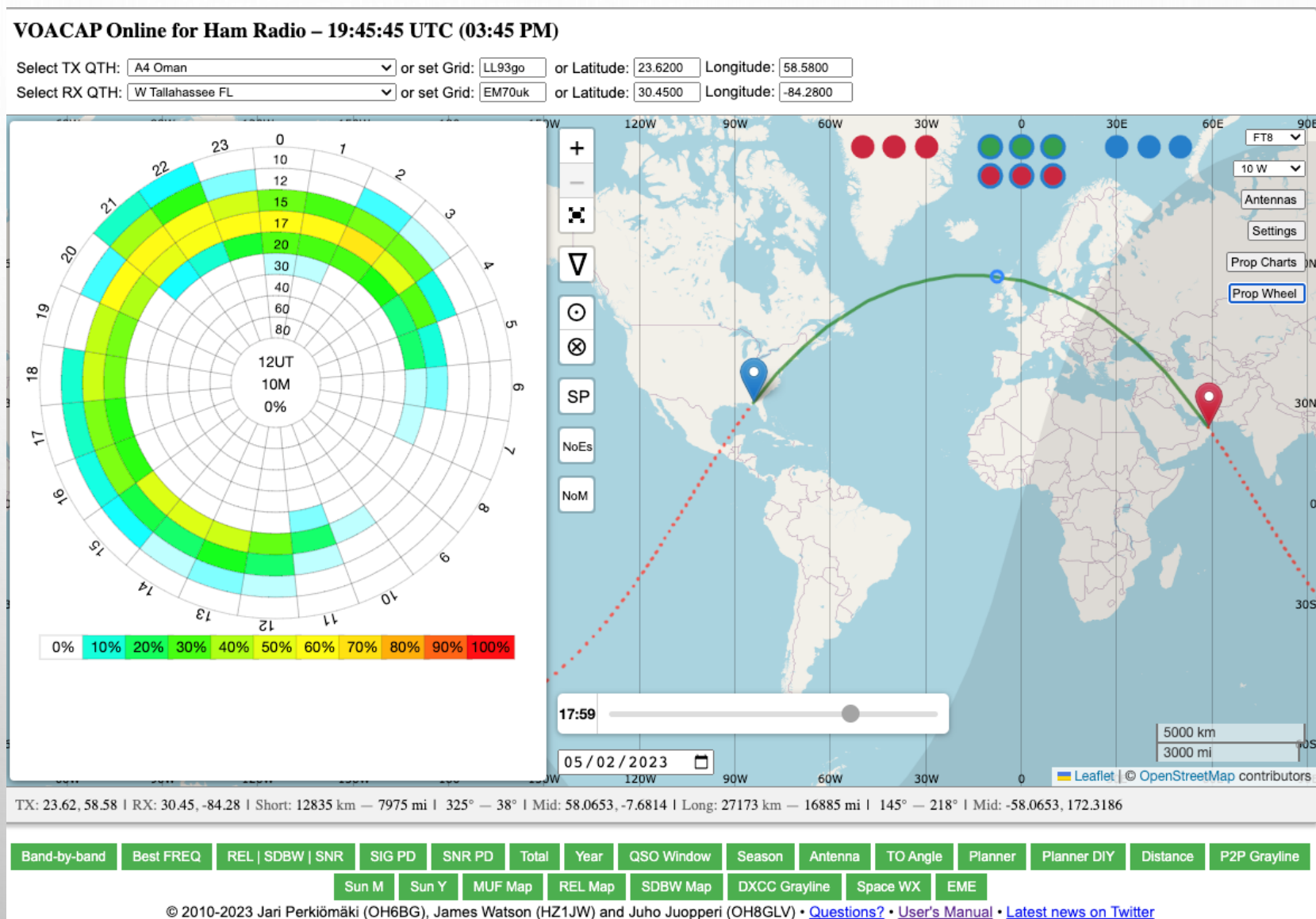
- The **VOACAP Online HF Predictions service** ([voacap.com/hf/](https://voacap.com/hf/)) is a replacement for and a consolidation of the previous VOACAP Online P2P (point-to-point) service at [voacap.com/p2p](https://voacap.com/p2p) and VOACAP Online Coverage Maps at [voacap.com/area](https://voacap.com/area). These two previous services have been closed down.
- This tool helps you model from your antenna, power, time of day to the remote site's antenna, power, etc. and gives you optimum pictures of when to work the DX.
- <https://www.voacap.com/hf/>
- Hypothetical Florida <->Oman HF path shows circuit reliability. Many views are available.
- You can also study Gray Line effects. Like propagation to Asia – Pacific on 15 meters around 10-12PM EST has openings.





# ANOTHER VIEW OF VOACAP

- The propagation wheel is another view in the VOACAP tool.
- At a glance it reveals the path reliability at what GMT time you can hear and/or work the DX.
- In this hypothetical model I used 10 watts, a 10 meter high dipole and other settings
- You can see the only 70% probable path is around 2 GMT on 17 meters.



# DXCC AWARD APPLICATION

- Its not hard.
- It's online
- Enter the data
- Print off and sign
- Gather the cards
- We can check it quickly :-)



## DXCC Award Application

I am applying for the following DXCC award(s):

Call Sign: WF4B

Endorsement: Yes

Ex Call Sign(s):

Number of QSOs: 21

Name: Douglass Wiles

You must mark those qsos on your cards for which you wish credit. Cards must be placed in the order shown on the DXCC Records Sheet(s) which follow.

Mailing Address:

Douglass Wiles  
405 Night Hawk Ln  
St Augustine, FL 32080-7984

Complete DXCC fees are shown at [www.arrl.org/dxcc](http://www.arrl.org/dxcc).

Your cards, paperwork, and certificates will be shipped to the address above.

- The use of a current DXCC application form is required.
- Do not use this form for plaque or pin orders.
- You must clear previous balances (per your last credit slip) with this submission in order to avoid delays.

New Address: No

I affirm that I have observed all DXCC rules as well as all governmental regulations established for Amateur Radio in my country. I understand that ARRL is not responsible for cards handled by DXCC Card Checkers and will not honor any claim. I agree to be bound by the decisions of the ARRL Card Checker Committee and that all decisions of the ARRL Card Checker Committee are final.

Name as to Appear on Certificate:  
Douglass F. Wiles

Telephone: (904) 540-1600

Email: [dougwiles@me.com](mailto:dougwiles@me.com)

Diamond Club Level 4 or Higher: No

Send Paperwork: Yes

Send Certificate: No

Return My QSL Cards Via: None - Field Checked Application

Applicant Signature (REQUIRED)

Call Sign

Date

Send application forms, QSL cards to : DXCC Desk, ARRL HQ, 225 Main Street, Newington, CT 06111, U.S.A. For questions or clarifications, please write to the DXCC Desk at the above address, or via email to [dxccadmin@arrl.org](mailto:dxccadmin@arrl.org).

To confirm the receipt of your application, go to this link: [www.arrl.org/dxcc-applications-received](http://www.arrl.org/dxcc-applications-received).

The DXCC Desk can also be contacted as follows: Telephone: 860 594-0234, Fax: 860 594-0346 (24 hours direct line to ARRL HQ). For complete program information, please visit the DXCC web site at [www.arrl.org/dxcc](http://www.arrl.org/dxcc).

### For ARRL DXCC Card Checker Use Only

I affirm that I have personally inspected the confirmations and verify that this application is accurate.

Card Checker Signature

Call Sign

Date

DXCC Card Checkers must forward the application to HQ within 2 working days.

**FIELD CHECKED APPLICATIONS MUST BE SUBMITTED ONLY BY CARD CHECKERS.**



## DXCC Record Sheet

Call Sign: WF4B

Page 1 of 1

Note: Cards may be submitted directly to ARRL or checked by a DXCC Card Checker. Cards must be placed in the order shown below.

Number	Call Sign	QSO Date	Band	Mode	Entity
1	E51DWC	2017-05-06	80	CW	SOUTH COOK ISLANDS
2	Z35T	2014-03-30	30	CW	NORTH MACEDONIA
3	Z35T	2014-04-01	40	CW	NORTH MACEDONIA
4	V31TE	2012-03-21	40	CW	BELIZE
5	S500	2014-07-24	30	CW	SLOVENIA
6	A61Q	2012-09-26	30	CW	UNITED ARAB EMIRATES
7	TG7/KC0W	2017-05-05	30	CW	GUATEMALA
8	BX4AD	2014-07-27	20	CW	TAIWAN
9	5A1AL	2017-05-07	20	CW	LIBYA
10	3DA0ET	2013-11-21	20	CW	KINGDOM OF ESOWATINI
11	Z32XX	1999-09-21	17	PHONE	NORTH MACEDONIA
12	A710K	2017-05-04	17	CW	QATAR
13	5N7M	2012-03-30	17	CW	NIGERIA
14	5N7M	2013-05-18	15	CW	NIGERIA
15	5V7BD	2015-04-07	15	CW	TOGO
16	5W1VK	1989-11-24	15	PHONE	SAMOA
17	9Q5AA	1989-11-26	15	PHONE	DEMOCRATIC REPUBLIC OF THE CONGO
18	DS4E0I/2	2012-09-23	15	CW	REPUBLIC OF KOREA
19	Z60WW	2012-11-25	15	CW	REPUBLIC OF KOSOVO
20	9X0PY	2015-03-01	12	CW	RWANDA
21	4Z5AD	2014-11-06	10	CW	ISRAEL



# LOTW WORKS ! AN 80 METER STORY

- Couple years ago (2020) I was missing 80 meters, I needed 33 cards for my 5 Band DXCC.
- I had the paper QSL cards for years but had not turned them in!
- Decided to make up 80 meters in FT8 Data mode using LOTW confirmation.
- In Jan 15 though Feb 2, 2023 I made over 180 confirmations and picked up 33 LOTW confirmed band countries for 80 Meters and the 5 band DXCC.
- Card checking in Feb 8, 2023 at Orlando Hamfest checked the other cards but it was not needed. I also picked up 30, 17 and 12 meters DXCC on FT8.

## Your Logbook DXCC Account (K3GO - UNITED STATES OF AMERICA)

### Account Status

DXCC Award	New LoTW QSLs	LoTW QSLs in Process	DXCC Credits Awarded	Total (All)	Total (Current)
<a href="#">Mixed</a> *	0	0	348	348	336
<a href="#">CW</a> *	2	0	251	253	247
<a href="#">Phone</a> *	0	0	330	330	318
<a href="#">Digital</a>	6	0	83	89	86
<a href="#">160M</a>	6	0	40	46	44
<a href="#">80M</a>	6	0	67	73	73
<a href="#">40M</a>	3	0	134	137	135
<a href="#">30M</a>	3	0	70	73	73
<a href="#">20M</a>	1	0	253	254	248
<a href="#">17M</a>	7	0	71	78	77
<a href="#">15M</a>	1	0	185	186	180
<a href="#">12M</a>	3	0	61	64	63
<a href="#">10M</a> *	3	0	176	179	171
<a href="#">6M</a>	2	0	11	13	13
<a href="#">Challenge</a>	35	0	1042	---	1077

\* = Award has been issued

[View Award Credit Matrix](#)

This account includes credits for the follow

K3GO - UNITED STATES OF AMERICA  
 KI4XO - UNITED STATES OF AMERICA  
 WD5GYD - UNITED STATES OF AMERICA

This account is linked with DXCC record:

JOHN T SMITH, K3GO

### Notes

- Click on the **Awards** item in the menu a award account.
- You can click on the links in the Account individual award.
- When you are ready to apply your LoTV [Application](#)
- To view the present and past applicator [History](#).
- For an ADIF download with the details c [QSL Download](#).

# AWARDS CREDIT SLIP

- This is what the credit slip you receive after the application looks like.
- It's a great summary of where you are in the awards positions.

The American Radio Relay League  
 Administrative Headquarters, Newington, CT 06111, U.S.A.

**DXCC Award Credit Slip**

Name: JOHN T SMITH Date Received: 02/02/2023 Processed By: IMPT  
 Callsign: K3GO Date Processed: 02/02/2023 Reference No.: [REDACTED]  
 Barcode ID: 000000000000

Account Activity: from 01/02/2023 to 19/02/2020 Starting Balance = 0.00

Date	Type	Description	Appl.#	Amount	Balance
02/02/2023	C	Process: LoTW Mail Finished	0000G	0.00	0.00
08/02/2023	C	Process: ARRL Member LoTW	0000G	( 7.50)	( 7.50)
08/02/2023	C	12M Award Certificate Fee	0000G	( 12.00)	( 19.50)
08/02/2023	C	30M Award Certificate Fee	0000G	( 12.00)	( 31.50)
08/02/2023	C	80M Award Certificate Fee	0000G	( 12.00)	( 43.50)
08/02/2023	C	Process: LoTW Credits Fee	0000G	( 6.24)	( 49.74)
08/02/2023	C	Process: Certificate Shipping (USA)	0000G	( 8.00)	( 57.74)
08/02/2023	C	Process: DXCC Report - US	0000G	( 1.00)	( 58.74)
08/02/2023	A	Cc	0000L	58.74	0.00
				<b>Ending Balance =</b>	<b>0.00</b>

Your DXCC records have been credited with the following:

RTTY*	12	40M*	1	12M*	16
CHAL*	49	30M*	12	10M*	3
160M	2	20M*	1		
80M*	12	17M*	2		

Your DXCC entity totals are as follows: (\* marks received awards)

	Current	Total		Current	Total		Current	Total
MIXED*	336	348	40M*	152	154	6M	13	13
PHONE*	319	331	30M*	103	103	5BDX*		
CW*	258	264	20M*	259	265	5BDX-12*		
RTTY*	135	138	17M*	108	109	5BDX-17*		
CHAL*	1272	1298	15M*	199	205	5BDX-30*		
160M	52	54	12M*	106	107			
80M*	100	100	10M*	180	188			

*Handwritten notes: 5-Band dxcc COUNT (circled in green), 8-Bands (circled in green)*

The following cards have not been credited for the indicated reason:

→ DXCC CHALLENGE - ONCE A YEAR (circled in red)

→ Your DXCC Totals (circled in black)



# AWARDS

## **There are 3 ways to apply for a DXCC award:**

- Traditional paper cards (Submitted to DXCC directly or approved by a card checker)
- Logbook of The World (LoTW)
- The Online DXCC Application

## **Example of processing – ARRL members fees:**

- Paper Cards \$16 gets 101 QSO and other options ( have to mail both ways )
- Online DXCC \$8 gets 101 QSOs and other options
- LOTW (logbook of the world - \$5.50 and 0.12 per QSO. (\$12.12 for 101)

**QSL cards for new DXCC awards and endorsements may be checked by an approved DXCC Card Checker.**

- This program applies to any DXCC award for an individual or station.  
Awards available can be found in Section I: Basic Rules, Rule 1.

# SUMMARY

Here are a few useful links-

ARRL - <http://www.arrl.org/dxcc-rules>

LOTW - <https://lotw.arrl.org/lotw-help/>

QRZ - <https://www.qrz.com>

PSK Reporter - <https://pskreporter.info/pskmap?callsign=k3go&search=Find>

DX News - <https://dxnews.com/>

CLUB LOG - <https://clublog.org/>

eQSL.cc Electronic QSL center - <http://eqsl.cc/qslcard/Index.cfm>

VOACAP - <https://www.voacap.com/hf/index.html>

VOACAP User Manual - <https://voacap.blogspot.com/2018/06/voacap-online-hf-predictions-users.html>

DXZONE great site for info - <https://www.dxzone.com/catalog/Software/>

QSL BUREAUS International Radio Union - <https://www.iaru.org/reference/qsl-bureau-2/>

QSL BUREAUS Incoming QSL system ARRL ( works great) - <http://www.arrl.org/incoming-qsl-service>

Address of USA Incoming bureaus - [https://www.qsl.net/va3rj/qsl\\_buro2.html](https://www.qsl.net/va3rj/qsl_buro2.html)

Groups io sets of groups for DX, Operations, Clubs, Dxing, news - <https://groups.io/g/QSLdxcc3905>

simply search around in Groups.io you will find so much information.

Thank you for your kind attention.