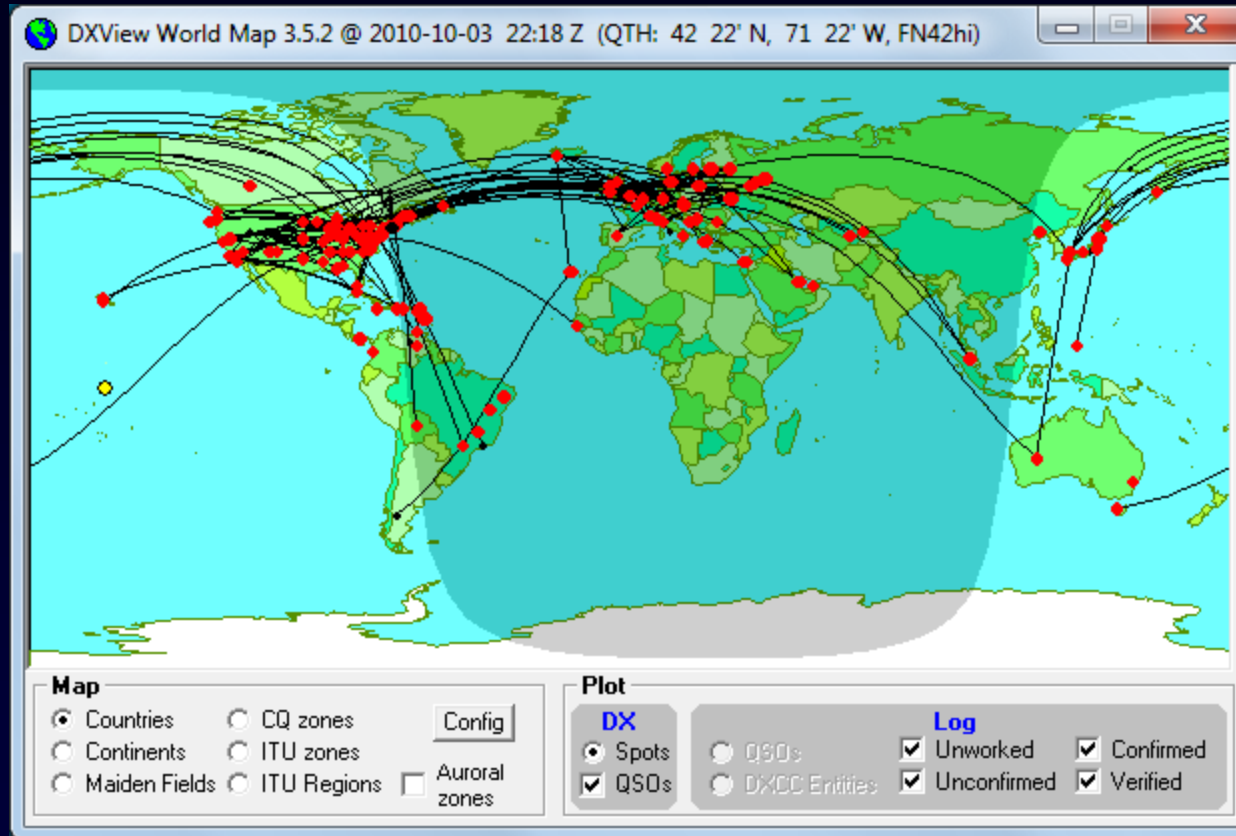


De DXLab Suite

2012-01-12 v1.3

Vrije vertaling door ON2AD, Pat
TNX to Dave, AA6YQ for his permission



Beter DXen via software.

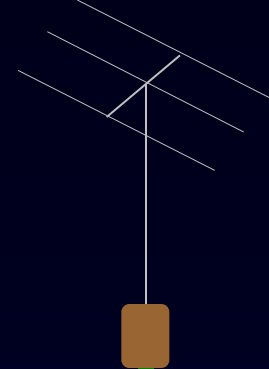
De DXLab Suite

Acht vrije toepassingen die individueel kunnen werken
maar

Wanneer ze tegelijkertijd worden uitgevoerd maken
ze zich aan elkaar bekend en
werken ze automatisch samen

Beter DXen via software

Originele architectuur: Monolitisch



DXLab

Transceiver Control

Logging

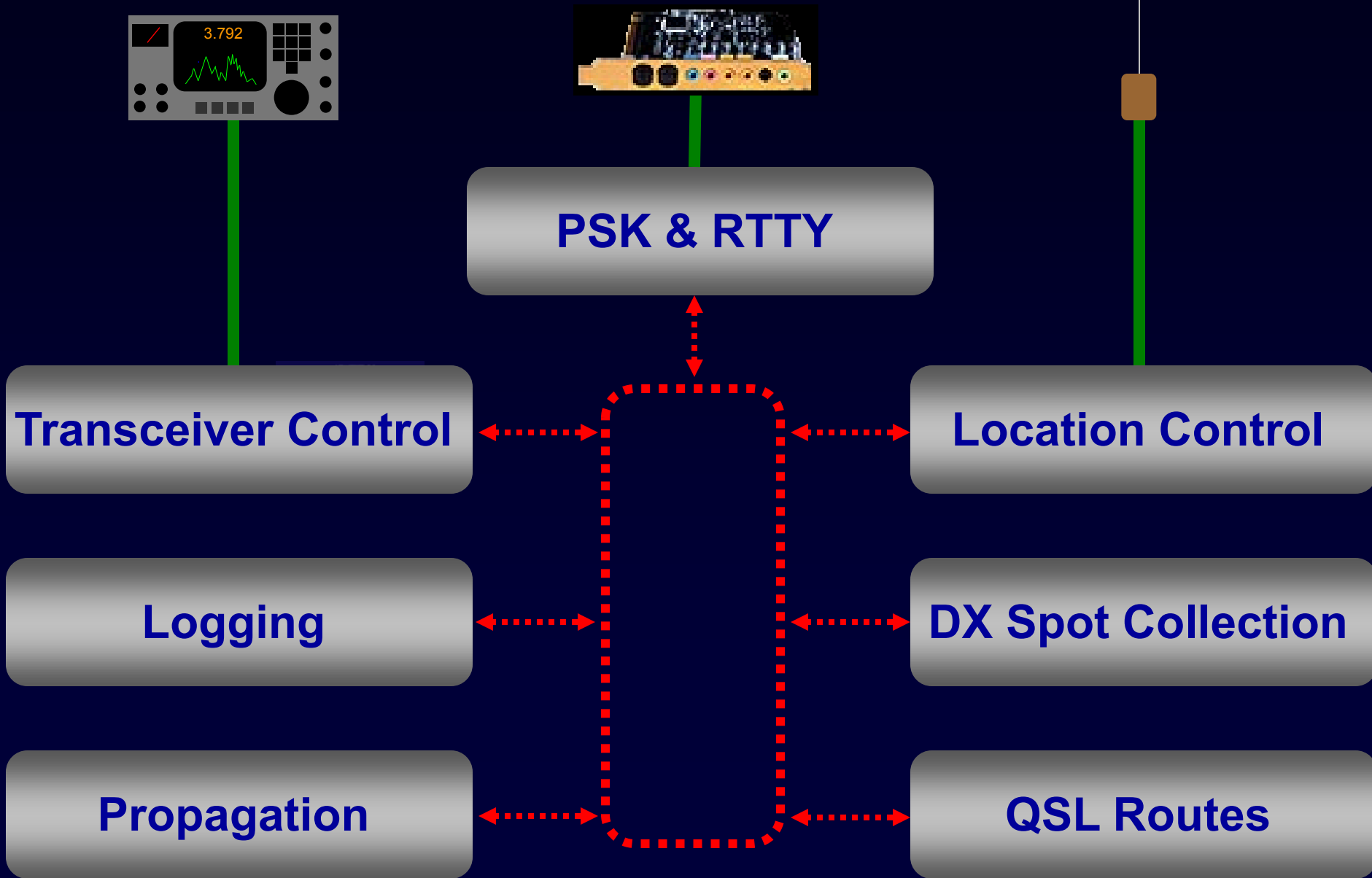
Propagation

Location Control

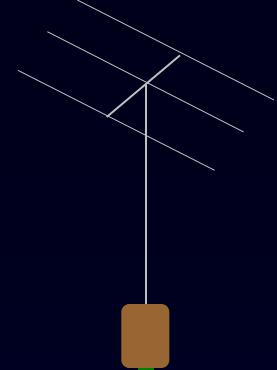
DX Spot Collection

QSL Routes

Re-architectuur (2000): Modulair



De DXLab Suite



WinWarbler

Commander

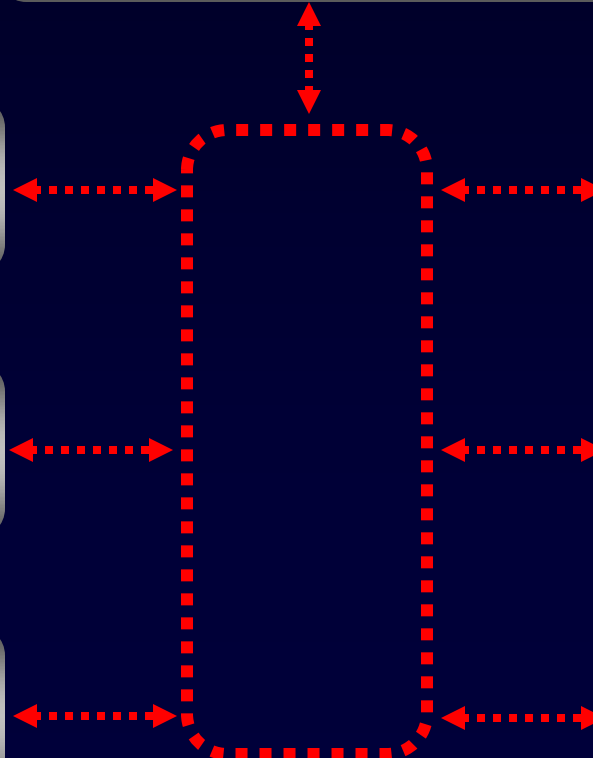
DXView

DXKeeper

SpotCollector

PropView

Pathfinder



Een Suite van interoperabiliteits (*1) DX toepassingen

DXKeeper 8.9.4 [CC,DXV,SC,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Jordan
call JY4NE name QTH
mode RTTY via tx freq 14.086765 begin 9/20/2010 18:37
sent 599 rcvd 599 tx band 20M rx freq 14.086764 end 9/20/2010 18:37
power 1500 code 342 DXCC JY entity Jordan

New Save Undo CBA Delete Report Plot 18487 Adv RAT Capture Config Help

Call	DXCC	Starting UTC	Band	Mode	Sent	Rcvd	Name
JT50X	JT	9/19/2010 23:23	17M	CW	599	599	hadraab
RXQAT	UA	9/20/2010 01:01	20M	RTTY	599	599	Vit
KP4JFR	KP4	9/20/2010 01:11	20M	RTTY	599	599	Jose
JY4NE	JY	9/20/2010 18:37	20M	RTTY	599	599	

Sort
UTC Call Adv Filter: None
EY7AD X Call DXCC Date Since Sel LotW Broke

SpotCollector 5.3.9 @ 2010-10-04 19:59 Z [CC,DXK,DXV,WW] (log: AA6YQ.mdb)

WVW 10-04 1806 Z
Q: 0 A 1 2 K

Outgoing spot
Call 14.086.2 Freq Cluster
Notes X Local

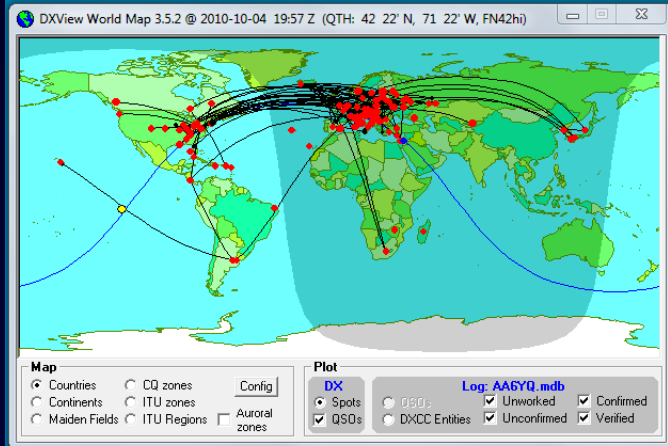
Spot source status
Report Stats Config Help

CallSign	Pfx	Freq	Band	Mode	LastTime	Notes	NAE	NAM	NAW	SA	EU	AF	AS	OC	UN	LastOrig	Source
PS7DX	FY	14.018.3	20M	CW	10/4/2010 19:59	CQ 8 dB 21 WPM	Y	Y	Y	Y	Y	Y	Y	Y	Y	NA-E	N4ZR-#
SQ9CNS	SP	3.541.0	80M	CW	10/4/2010 19:59	CQ 16 dB 19 WPM					Y					EU	OL5Q-#
LA3TQ	LA	14.017.8	20M	CW	10/4/2010 19:59	CQ 18 dB 23 WPM					Y					EU	S5ZK-#
IK0RCD	I	14.025.6	20M	CW	10/4/2010 19:59	CQ 13 dB 18 WPM	Y	Y	Y							NA-M	K8ND-#
9A/SP9EVP	9A	7.017.0	40M	CW	10/4/2010 19:59	CQ 21 dB 26 WPM					Y					EU	OL5Q-#
UA9MA	UA0	1.822.5	160M	CW	10/4/2010 19:59	CQ 10 dB 25 WPM					Y					EU	EI6IZ-#

Sort
First Call
Last Freq
Rcv Az

Filter: Band and Mode
X Need Call DXCC Freq Tag Band Mode Cont Origin
AutoHide Audio LotW eQSL ALT SQL 1 SQL 2 SQL 3 SQL 4 SQL 5 SQL 6 SQL 7 SQL 8

Color codes
verified unworkd E
unneeded unworkd o
unconfmd special t



WinWarbler 6.8.5 for AA6YQ @ 2010-10-04 19:59 Z [CC,DXK,DXV,SC]

QSO Info (Receive Pane 0)
Call ? EY7AD 1st S Name Rakhim
QSL Via DIRECT - I CQ 17 ITU 30 QTH 735700
Buro Grid MN30 Pri sub Sec sub
LotW IOTA Az Path S Comment

local: 2010-10-05 00:59 Xcvr Freq
RX 14,086.19
TX 14,086.19

QU0TH00 DX CQ DX DE SV1PAS SV1PAS PSE K
DS1PAUSSVPAS DEHPFF,PD1BPSE K...
JITCO DX CQ DX DE SV1PAS SV1PAS PSE EUU00ESCO DX CQ DX DE SV1PAS SV1PAS PSE K
MSQVAS UV1PAS DE PD1ANB,PD1ANB
PSE K...90R2 0R2 0R2 DE SV1PAS SV1PAS PSE K

Commander 8.5.8 [Icom IC-7200] @ 19:59:42 Z 14,086.19 LSB

VFO A: 20M 9
14,086.19
VFO B: 21,008.10
PTT: Rcvg
TX RX
AL-1200
Plate 7.75 Load 4 Band 20

Filters
Group normal
Width 0
PBT 1 50
PBT 2 50

Mode: LSB
LSB (normal) FM (wide)
USB (normal) AM (wide)
CW (narrow) RTTY (wide)
CW-R (narrow) RTTY-R (wide)

Bandsread Msgs Scan Memory Banks Config Help

Commander
Range
1 5 10 25 50 100
14,088.5
14,088.0 EI7BFB
14,087.5 EA4AHE
14,087.0
14,086.5 UR7ITU
14,086.0 PF7DKW
14,085.5 LX8RTTY
14,084.5 SP9GKJ
14,084.0
Band
160 80 60 40 30 20 17
15 12 10 6 4 2 .7
Spotcollector Config Help

Macros: rty sample
F5 F6 F7 F8 ALT F9 F10 F11 F12
CQ Call Over SK log ur rpt tu log grz? de mycall mycall (3)
80m 40m 30m 20m 17m 15m 12m 10m
sh F5 sh F6 sh F7 sh F8 sh F9 sh F10 sh F11 sh F12

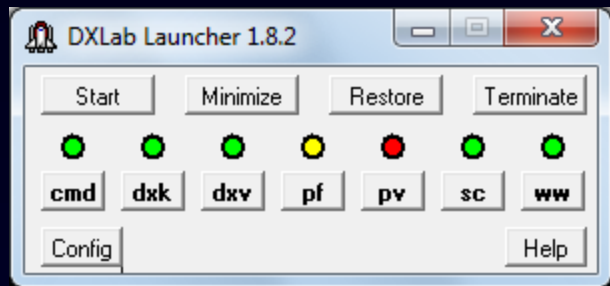
Operating Mode
CW PSK31
Phone PSK63
RTTY PSK125

RTTY receive (soundcard)
Freq 14,084.065
AFB Notch
BPF DPF
Reverse Def Opt
Signal level & squelch 61

RTTY transmit (soundcard)
Freq 14,084.065 net
Reverse F2 Start F4 Stop Abort

Tuning Display
Vert height 2.0
Horiz zoom 1
Horiz pan 14086

Eén controle punt: DXLab Launcher

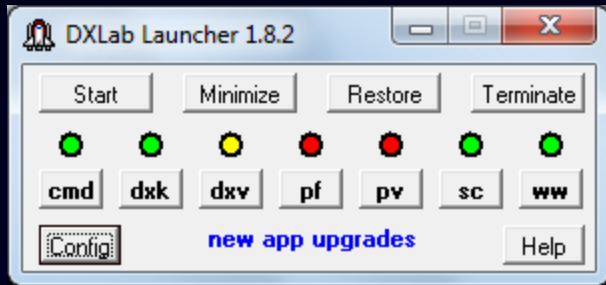


Ontwikkeling stuurprogramma's (drivers)

1. Gebruikers gericht iteratief (*2) ontwikkelen

- Open Yahoo group met ~3600 deelnemers
- Fout(en) correctie('s) krijg(en) de hoogste prioriteit; doel is < 24 uur
- Openbare verbeteringslijst
- Gesloten bron (code), één ontwikkelaar
- Frequente releases
 - Volledige releases bij de eerste installatie
 - Incrementele (*3) updates voor fout(en) correctie('s) en veranderingen
 - Automatische installatie en updates

Automatische installatie en updates: Apps



Automatische installatie en updates: Apps

DXLab Launcher Configuration [AA6YQ] - new app upgrades available

Distribution site: DXLabSuite

Install folder pathname:

Browser pathname:

Auto Start ☐ Minimize After Start ☐

Always On Top ☐ Workspaces On Startup ☐

Shutdown After Terminate ☐

Terminate On Shutdown ☐

Check for New each day ☒

Use Dual Monitors ☐

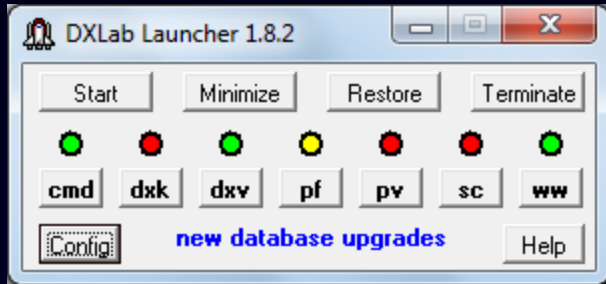
Log Debugging Information ☐

Apps Started Before DXLab Apps | **DXLab Apps** | Apps Started After DXLab Apps

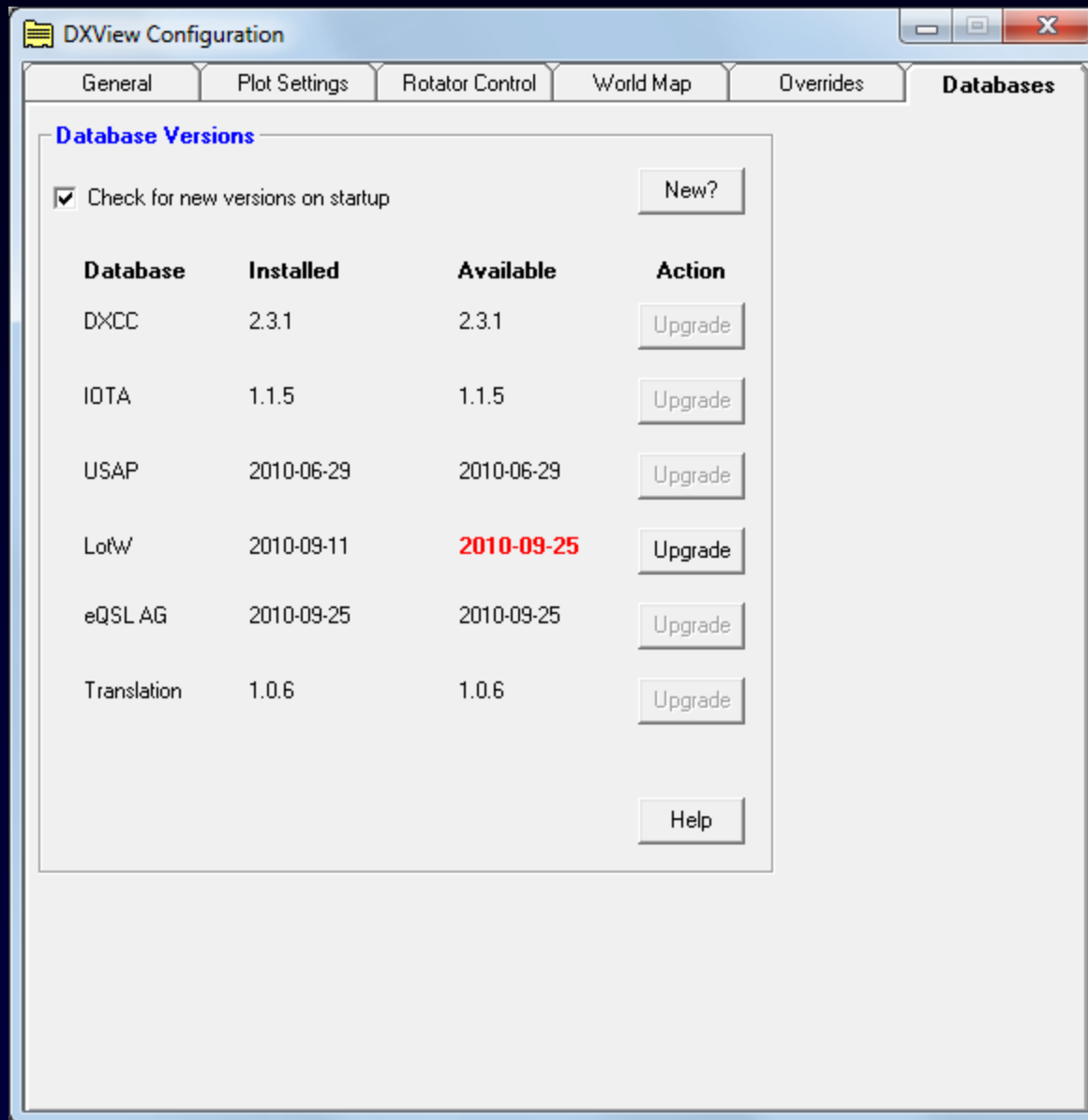
Application	Enab	Program Path	Installed	Avail	Action	Registry
Commander	☒	C:\DXLab\Commander\CI-V Commander.exe Sel	8.5.5	8.5.8	Upgrade	Sv Ld
DXKeeper	☒	C:\DXLab\DXKeeper\DXKeeper.exe Sel	8.9.1	8.9.1	Restore	Sv Ld
DXView	☒	C:\DXLab\DXView\DXView.exe Sel	3.4.7	3.4.7	Restore	Sv Ld
Launcher	☒	C:\DXLab\Launcher\DXLabLauncher.exe Sel	1.8.2	1.8.2	Restore	Sv Ld
Pathfinder	☒	C:\DXLab\Pathfinder\Pathfinder.exe Sel	4.7.6	4.7.6	Restore	Sv Ld
PropView	☒	C:\DXLab\PropView\PropView.exe Sel	1.4.9	1.4.9	Restore	Sv Ld
SpotCollector	☒	C:\DXLab\SpotCollector\SpotCollector.exe Sel	5.3.8	5.3.8	Restore	Sv Ld
WinWarbler	☒	C:\DXLab\WinWarbler\WinWarbler.exe Sel	6.8.3	6.8.3	Restore	Sv Ld

Startup parameters
DXKeeper Log

Automatische Installatie en updates: Databases



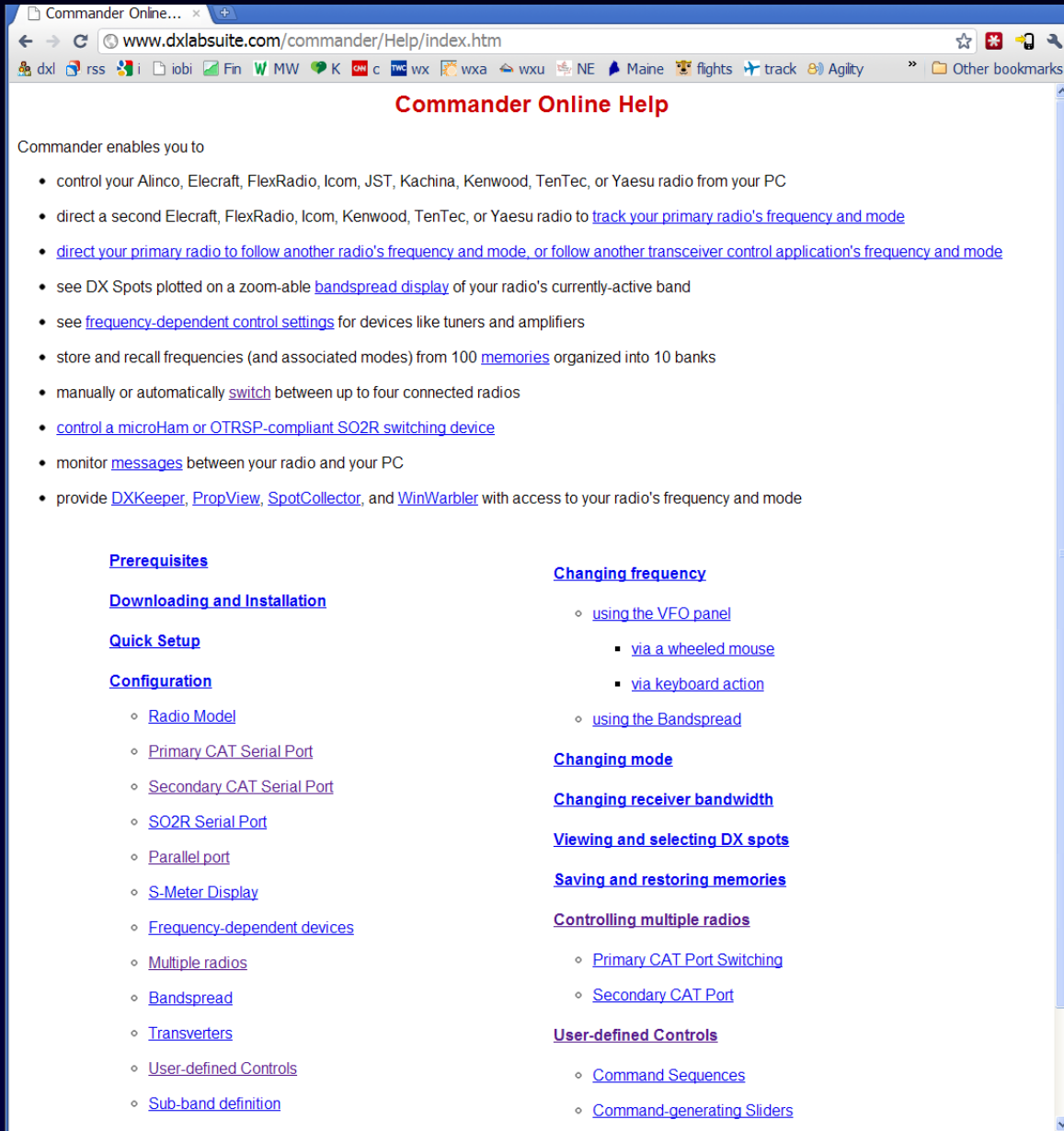
Automatische installatie en updates: Databases



Ontwikkeling stuurprogramma's (drivers)

1. Gebruikers gericht iteratief (*2) ontwikkelen
2. Eenvoudig te gebruiken en krachtig
 - Geen menus
 - Grafische controle met popup uitleg
 - Online en PDF documentatie referentie
 - Online stap-voor-stap uitleg (Wiki)
 - Feedback van gebruikers over frequente releases
 - Verbeteren van de bruikbaarheid
 - Verbeteren van de documentatie

Documentatie: Online referentie



The screenshot shows a web browser window with the address bar displaying www.dxlabsuite.com/commander/Help/index.htm. The page title is "Commander Online Help". The main content area lists the capabilities of Commander and provides links to various help topics.

Commander Online Help

Commander enables you to

- control your Alinco, Elecraft, FlexRadio, Icom, JST, Kachina, Kenwood, TenTec, or Yaesu radio from your PC
- direct a second Elecraft, FlexRadio, Icom, Kenwood, TenTec, or Yaesu radio to [track your primary radio's frequency and mode](#)
- [direct your primary radio to follow another radio's frequency and mode, or follow another transceiver control application's frequency and mode](#)
- see DX Spots plotted on a zoom-able [bandspread display](#) of your radio's currently-active band
- see [frequency-dependent control settings](#) for devices like tuners and amplifiers
- store and recall frequencies (and associated modes) from 100 [memories](#) organized into 10 banks
- manually or automatically [switch](#) between up to four connected radios
- [control a microHam or OTRSP-compliant SO2R switching device](#)
- monitor [messages](#) between your radio and your PC
- provide [DXKeeper](#), [PropView](#), [SpotCollector](#), and [WinWarbler](#) with access to your radio's frequency and mode

Prerequisites

Downloading and Installation

Quick Setup

Configuration

- [Radio Model](#)
- [Primary CAT Serial Port](#)
- [Secondary CAT Serial Port](#)
- [SO2R Serial Port](#)
- [Parallel port](#)
- [S-Meter Display](#)
- [Frequency-dependent devices](#)
- [Multiple radios](#)
- [Bandspread](#)
- [Transverters](#)
- [User-defined Controls](#)
- [Sub-band definition](#)

Changing frequency

- [using the VFO panel](#)
 - [via a wheeled mouse](#)
 - [via keyboard action](#)
- [using the Bandspread](#)

Changing mode

Changing receiver bandwidth

Viewing and selecting DX spots

Saving and restoring memories

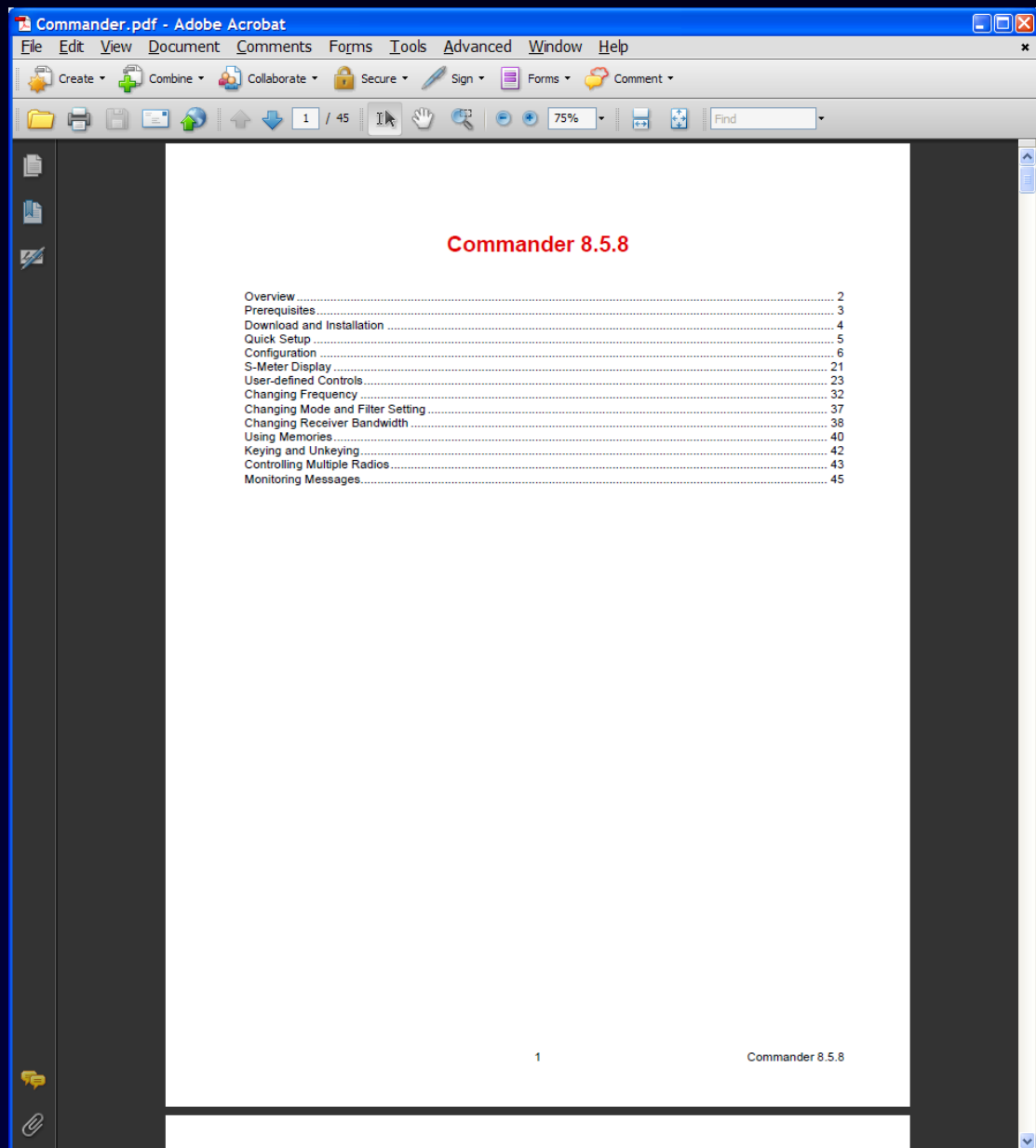
Controlling multiple radios

- [Primary CAT Port Switching](#)
- [Secondary CAT Port](#)

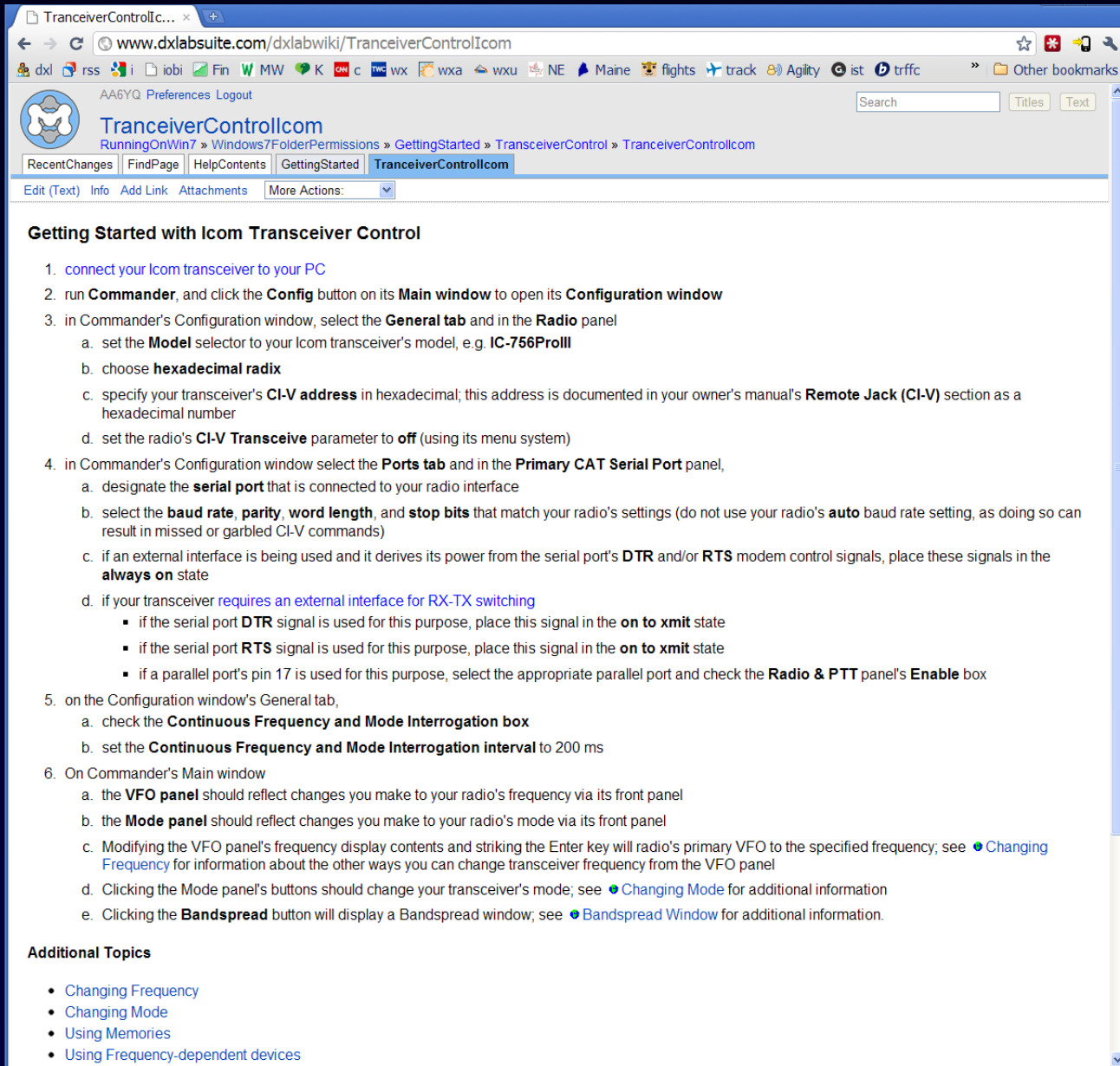
User-defined Controls

- [Command Sequences](#)
- [Command-generating Sliders](#)

Documentatie: PDF Referentie



Documentatie: Stap-voor-Stap



The screenshot shows a web browser window with the address bar displaying www.dxlabsuite.com/dxlabwiki/TranceiverControlIcom. The page title is "TranceiverControlIcom". The navigation bar includes links for "RecentChanges", "FindPage", "HelpContents", "GettingStarted", and "TranceiverControlIcom". The main content area is titled "Getting Started with Icom Transceiver Control" and contains a numbered list of steps. The steps are as follows:

1. [connect your Icom transceiver to your PC](#)
2. run **Commander**, and click the **Config** button on its **Main window** to open its **Configuration window**
3. in Commander's Configuration window, select the **General** tab and in the **Radio** panel
 - a. set the **Model** selector to your Icom transceiver's model, e.g. **IC-756Proll**
 - b. choose **hexadecimal radix**
 - c. specify your transceiver's **CI-V address** in hexadecimal; this address is documented in your owner's manual's **Remote Jack (CI-V)** section as a hexadecimal number
 - d. set the radio's **CI-V Transceive** parameter to **off** (using its menu system)
4. in Commander's Configuration window select the **Ports** tab and in the **Primary CAT Serial Port** panel,
 - a. designate the **serial port** that is connected to your radio interface
 - b. select the **baud rate**, **parity**, **word length**, and **stop bits** that match your radio's settings (do not use your radio's **auto** baud rate setting, as doing so can result in missed or garbled CI-V commands)
 - c. if an external interface is being used and it derives its power from the serial port's **DTR** and/or **RTS** modem control signals, place these signals in the **always on** state
 - d. if your transceiver [requires an external interface for RX-TX switching](#)
 - if the serial port **DTR** signal is used for this purpose, place this signal in the **on to xmit** state
 - if the serial port **RTS** signal is used for this purpose, place this signal in the **on to xmit** state
 - if a parallel port's pin 17 is used for this purpose, select the appropriate parallel port and check the **Radio & PTT** panel's **Enable** box
5. on the Configuration window's General tab,
 - a. check the **Continuous Frequency and Mode Interrogation** box
 - b. set the **Continuous Frequency and Mode Interrogation interval** to 200 ms
6. On Commander's Main window
 - a. the **VFO panel** should reflect changes you make to your radio's frequency via its front panel
 - b. the **Mode panel** should reflect changes you make to your radio's mode via its front panel
 - c. Modifying the VFO panel's frequency display contents and striking the Enter key will radio's primary VFO to the specified frequency; see [Changing Frequency](#) for information about the other ways you can change transceiver frequency from the VFO panel
 - d. Clicking the Mode panel's buttons should change your transceiver's mode; see [Changing Mode](#) for additional information
 - e. Clicking the **Bandspread** button will display a Bandspread window; see [Bandspread Window](#) for additional information.

Additional Topics

- [Changing Frequency](#)
- [Changing Mode](#)
- [Using Memories](#)
- [Using Frequency-dependent devices](#)

Documentatie: Verklarende popups

Radio

Model: IC-756PROIII

CI-V Address: 76
Default: 6E 16
Hexadecimal
Decimal

☒ Continuous interrogation

Command interval (ms): 50

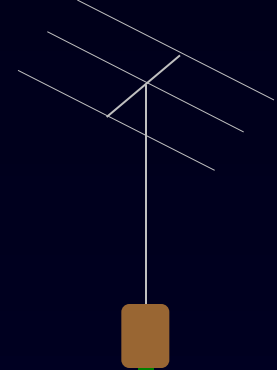
Scan dwell: 60

☐ Synchronize transceiver frequencies before logging or spotting

Buttons: Reset, Display Error Log

the time interval between command groups sent to the transceiver, in milliseconds

De DXLab Suite



WinWarbler

Commander

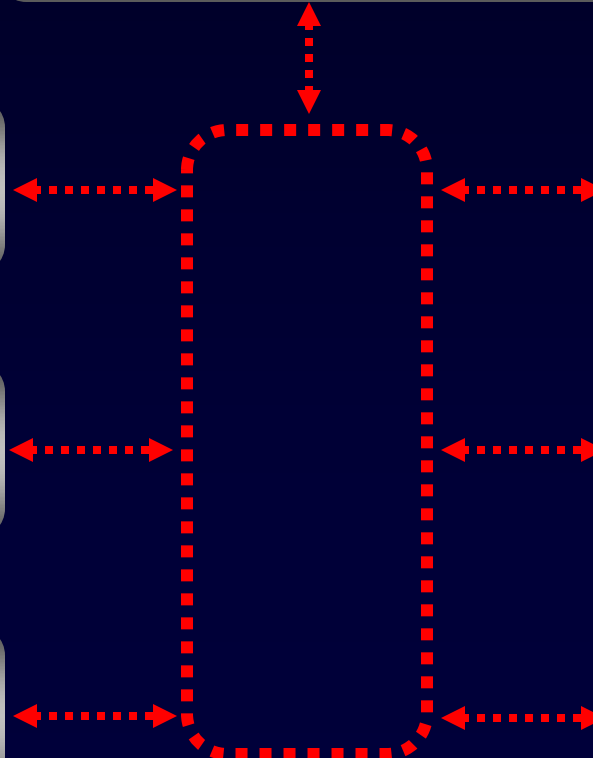
DXView

DXKeeper

SpotCollector

PropView

Pathfinder



Commander: Transceiver (*5) controle

- Controles and displays
 - Frequentie & Mode
 - Ontvanger bandbreedte
 - Split & Dual ontvangst
 - Andere CAT-toegankelijke instellingen via gebruikers gedefinieerde besturingselementen
 - Transverters (*6) op 6m, 4m, 2m, 70cm
- Frequentie afhankelijke apparaten beheren
 - Weergave van de Tuners en versterkers (Amplifiers) instellingen
 - Ondersteunt automatische antenne en Transceiver omschakeling
- Schakel opties voor 4 primaire radio's
- Secundaire CAT poort
 - Frequentie en mode bijhouden van een onafhankelijke radio
 - SDR-gebaseerde panadaptors (SpectraVue, CW Skimmer, BobCAT)

Commander: Transceiver control

Commander 8.5.8 [Icom IC-7800] @ 03:50:45 Z 14,016.00 CW Split

Sub VFO (TX): 20M S0
14,016.00
0 999
Main Sub M = S M x S XFC
IC-7800 ☒ Mark V ☐
☒ Split ☐ Dual receive ☐ Ham bands only
TS-2000 ☐ FT-817 ☐

Mode: CW
☐ LSB (normal) ☐ FM (wide) ☐
☐ USB (normal) ☐ AM (wide) ☐
☒ CW (narrow) ☐ RTTY (wide) ☐
☐ CW-R (narrow) ☐ RTTY-R (wide) ☐

Filters
Group
Width 20
PBT 1 50
PBT 2 50

PTT
TX RX

AL-1200
Plate 7.75 Load 3.5 Band 20

ATR-30
Xmit 9 Ant 7 L 75

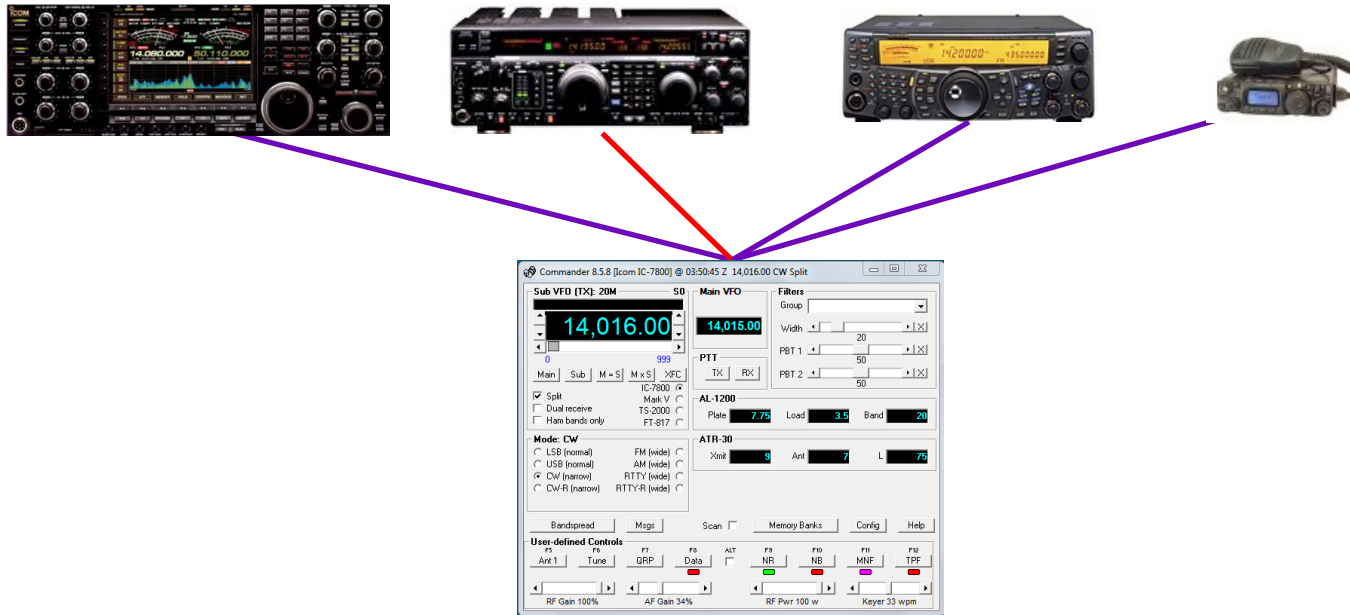
Bandspread Msgs Scan ☐ Memory Banks Config Help

User-defined Controls
F5 Ant 1 F6 Tune F7 QRP F8 Data ALT ☐ F9 NR F10 NB F11 MNF F12 TPF
RF Gain 100% AF Gain 34% RF Pwr 100 w Keyer 33 wpm

Commander: Transceiver Control

- Controles and displays
 - Frequentie & Mode
 - Ontvanger bandbreedte
 - Split & Dual ontvangst
 - Andere CAT-toegankelijke instellingen via gebruikers gedefinieerde besturingselementen
 - Transverters (*6) op 6m, 4m, 2m, 70cm
- Frequentie afhankelijke apparaten beheren
 - Weergave van de Tuners en versterkers (Amplifiers) instellingen
 - Ondersteunt automatische antenna and Transceiver omschakeling
- Schakel opties voor 4 primaire radio's
- Secundaire CAT poort
 - Frequentie en mode bijhouden van een onafhankelijke radio
 - SDR-gebaseerde panadaptors (SpectraVue, CW Skimmer, BobCAT)

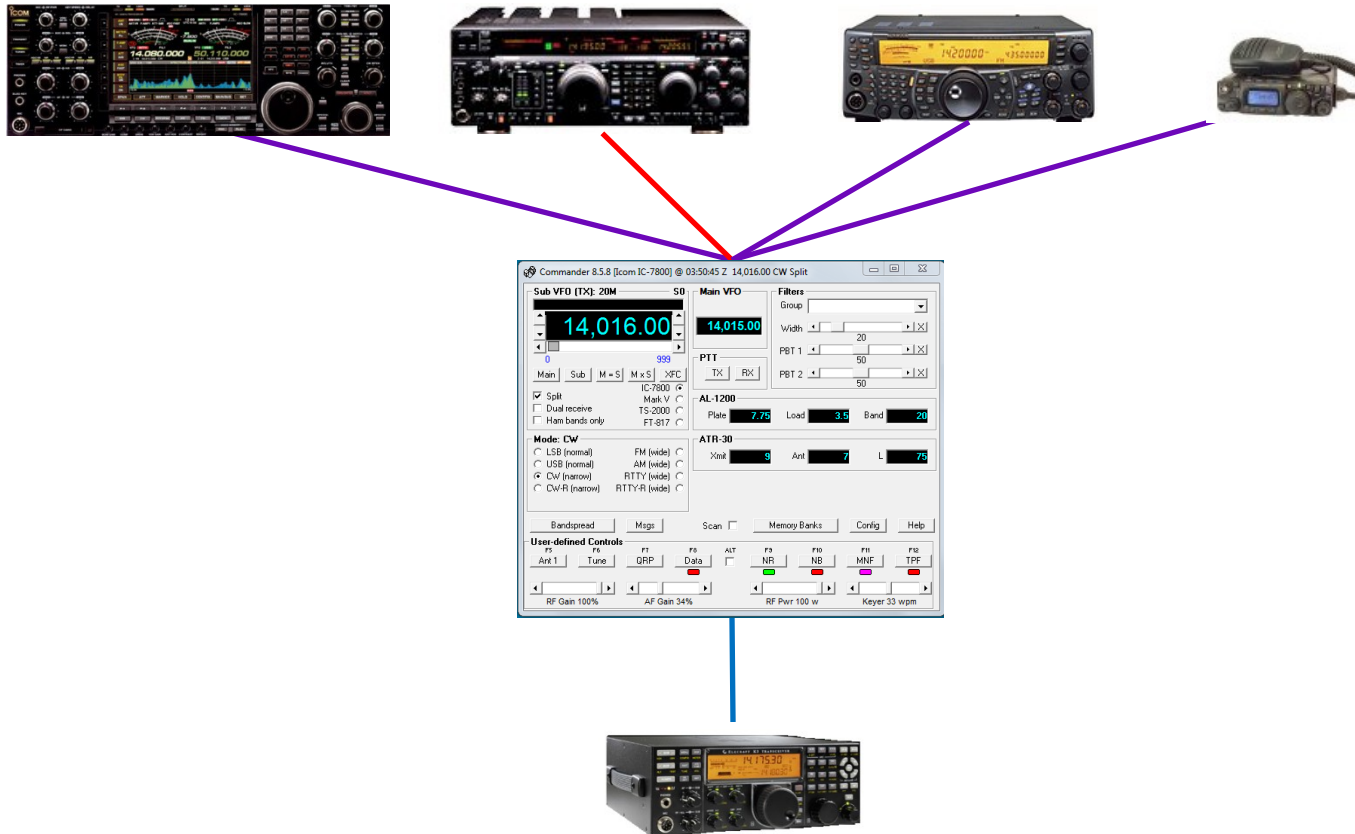
Commander: Ondersteuning meerdere Radio's



Selecteer een van de vier primaire radio's

- Door te klikken op de knop
- Automatisch als een frequentie funktie

Commander: Ondersteuning meerdere Radio's



De secundaire radio kan

- De active primaire radio volgen
- De active primaire radio leiden

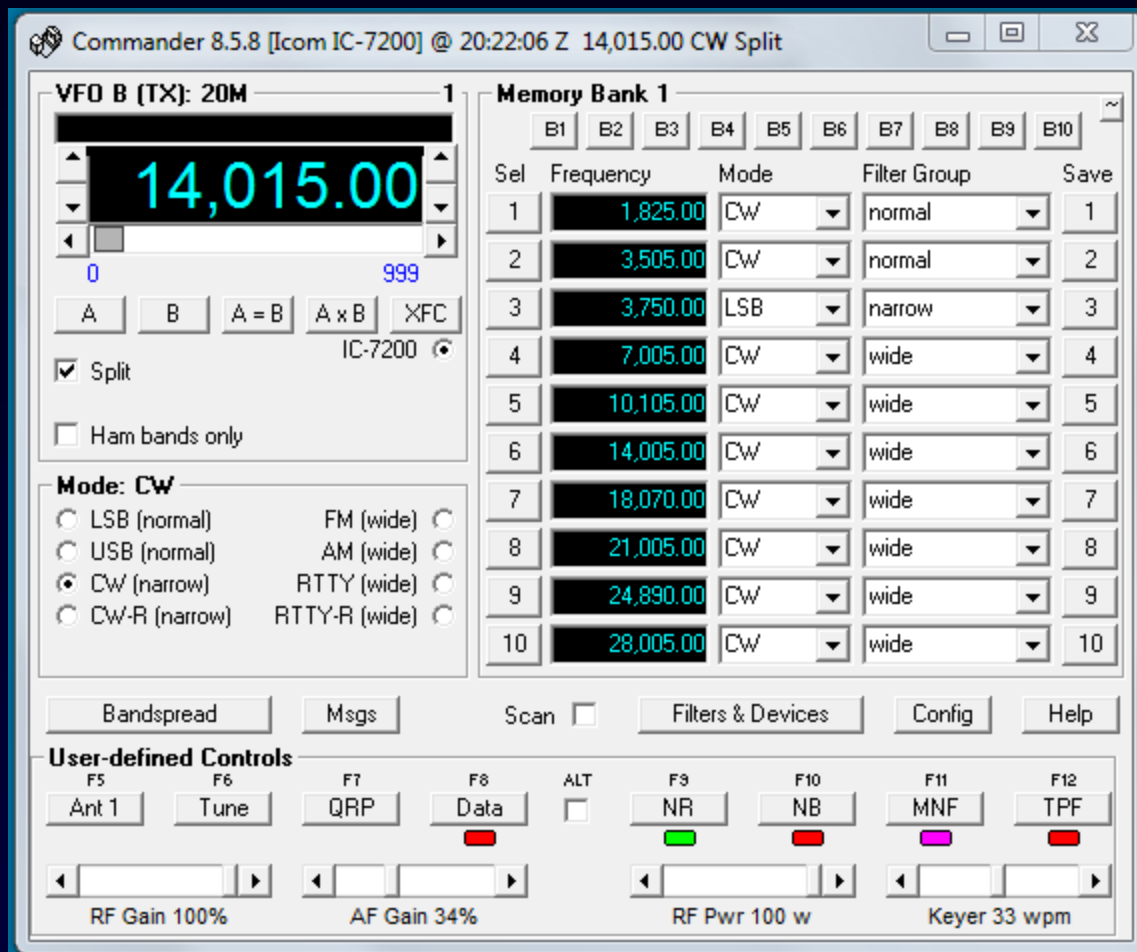
Commander: Ondersteuning meerdere Radio's



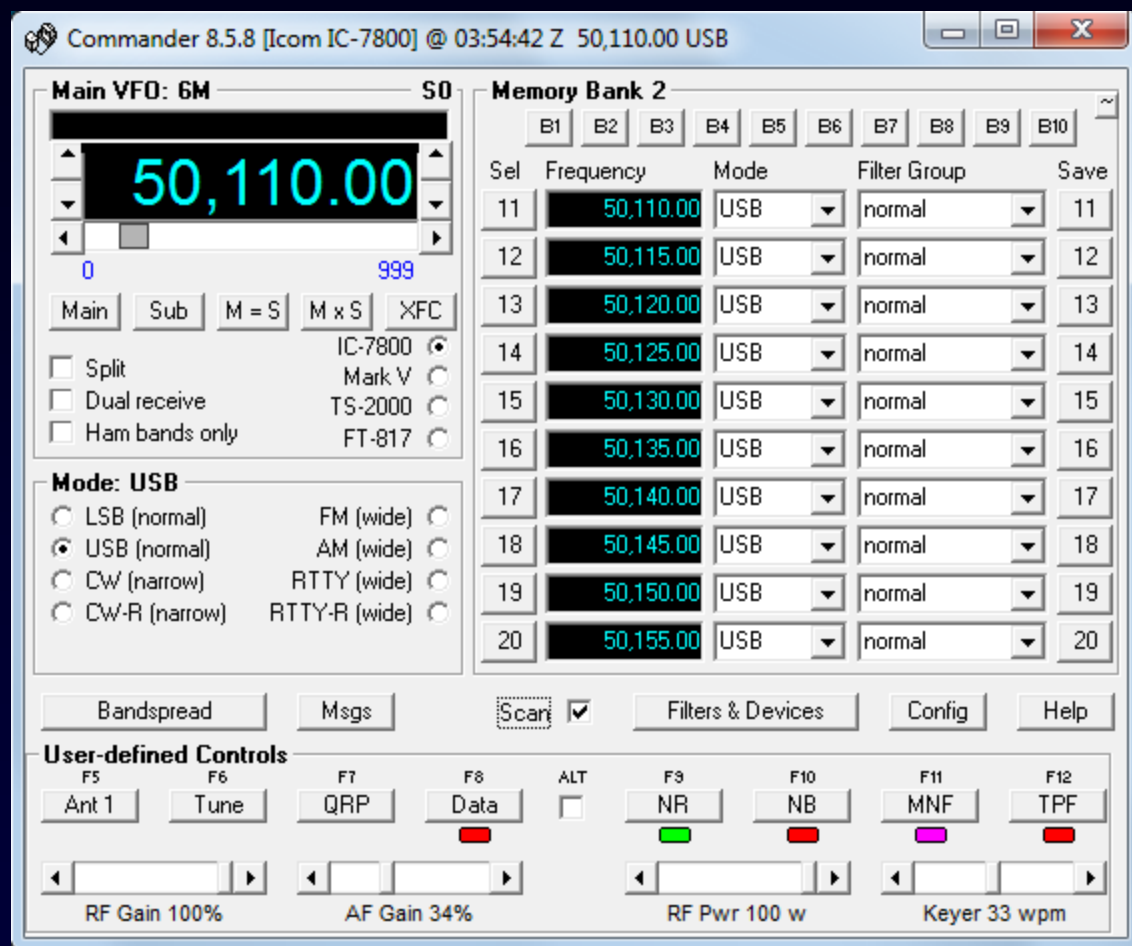
De *secondaire* radio kan

- De actieve primaire radio volgen
- De primaire actieve radio leiden

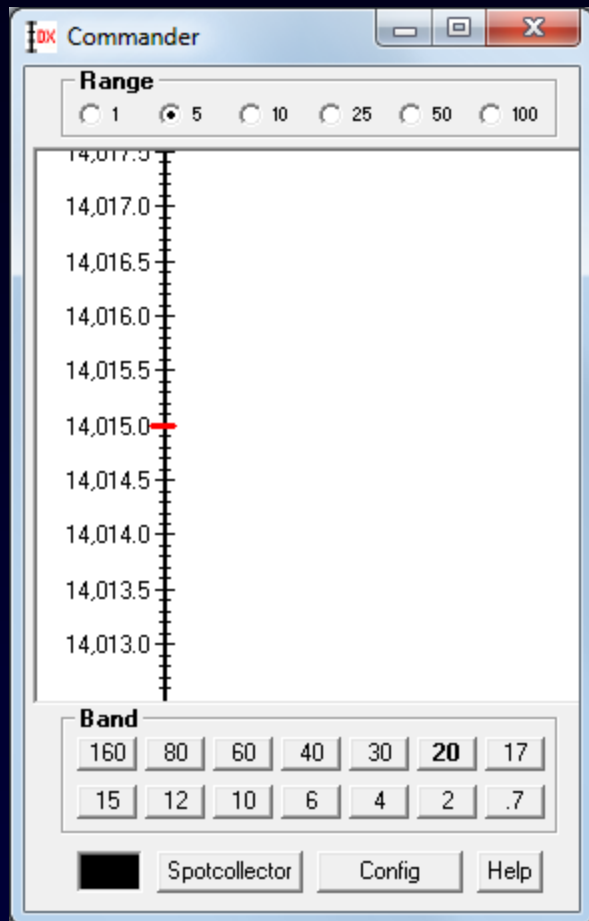
Commander geheugen: 10 banken van 10



Commander geheugen: Scannen



Commander: Bandbereik



Commander: Meer als 100 radios worden ondersteund

Hardware

- Alinco
- Elecraft
- Icom
- JRC
- Kachina
- Kenwood
- TenTec
- Yaesu

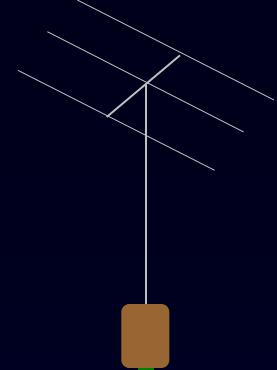
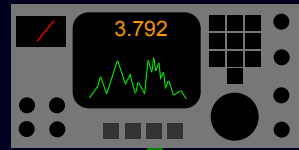
SDR Consoles

- BobCAT
- CWSkimmer
- PowerSDR
- SpectraVue
- SDR-Radio

SDR

- FlexRadio
- HPSSDR Mercury
- Microtelecom Perseus
- RFSpace SDR-IQ, SDR-14
- SoftRock
- SRL QuickSilver QS1R

De DXLab Suite



WinWarbler

Commander

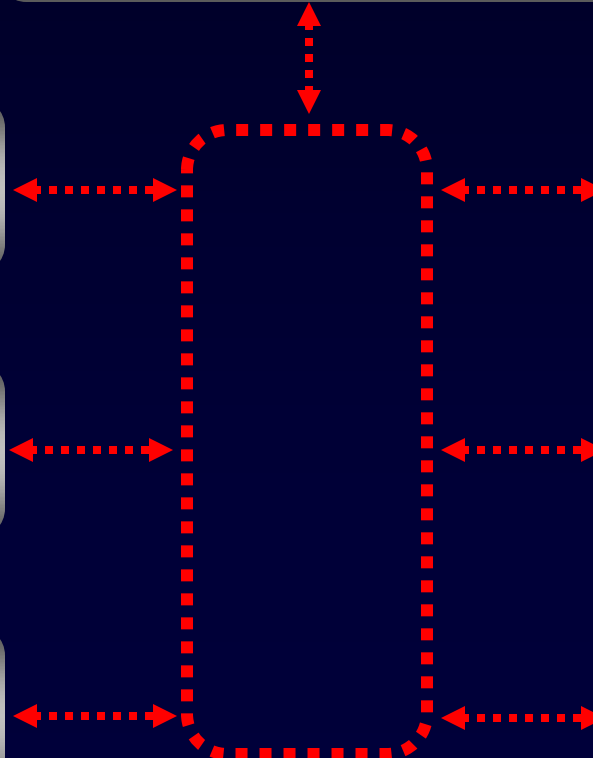
DXView

DXKeeper

SpotCollector

PropView

Pathfinder



DXView informatie

DXView Info 3.5.2 @ 2010-10-04 20:35:25 Z [SC]

Search **DXCC** (last LotW upload: 2005-07-17)

callsign prefix entity code

Location @ 2010-10-05 02:05:25 local **DXCC database**

latitude longitude SP DX ~ cont grid CQ ITU

location IOTA time zone

Heading

short long

Special Callsign Tags

VU Progress (AA6YQ.mdb)

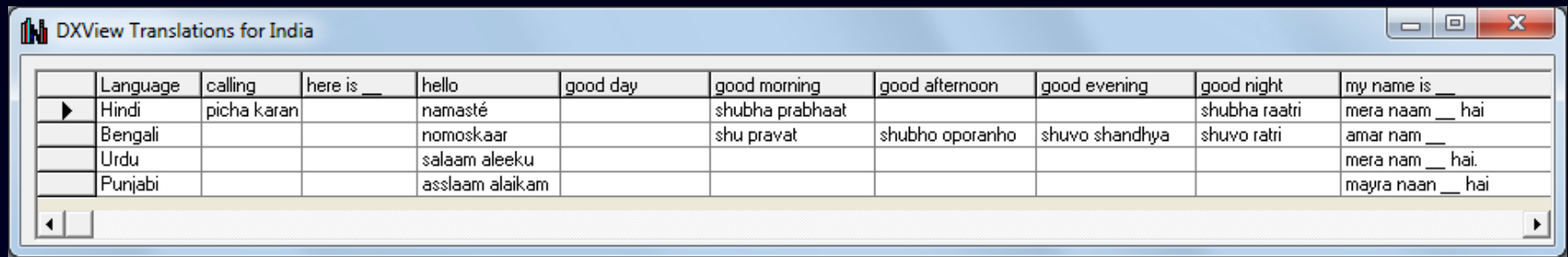
	160M	80M	40M	30M	20M	17M	15M	12M	10M	6M	2M
PHONE		V			R		V	V	V		
CW			V	C	V	V	W				
RTTY					V		R				
PSK					C						

Map

Antenna presets

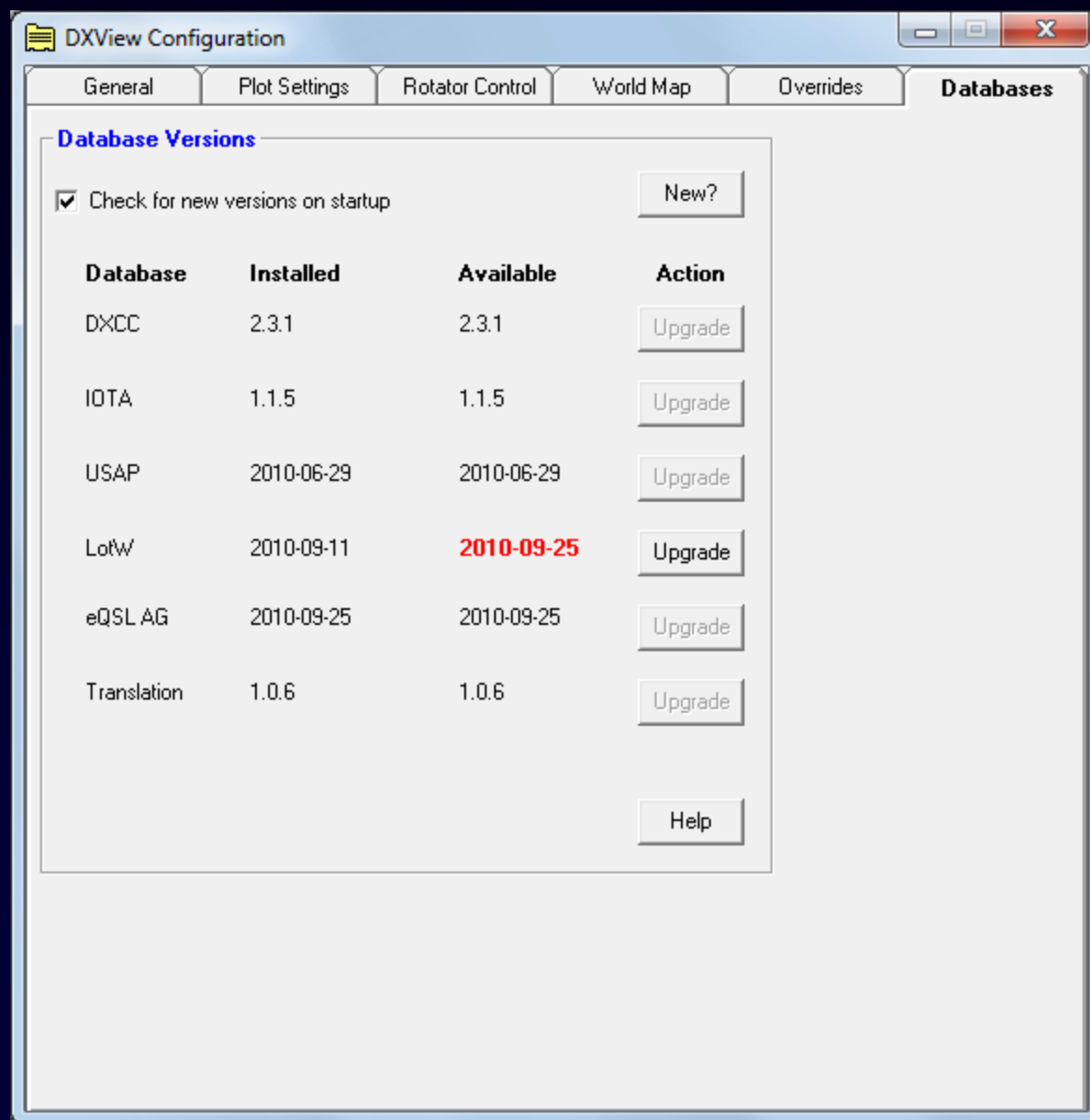
- bij Callsign
- bij Prefix
- bij IOTA tag
- bij Grid
- bij Latitude/Longitude

DXView informatie: Vertaling van woorden

A screenshot of a software window titled "DXView Translations for India". The window contains a table with 10 columns and 5 rows of data. The first column is a list of languages: Hindi, Bengali, Urdu, and Punjabi. The other columns contain common phrases in English, and the corresponding translations in the respective languages. The window has a standard Windows-style title bar with minimize, maximize, and close buttons.

	Language	calling	here is __	hello	good day	good morning	good afternoon	good evening	good night	my name is __
▶	Hindi	picha karan		namasté		shubha prabhaat			shubha raatri	mera naam __ hai
	Bengali			nomoskaar		shu pravat	shubho oporanho	shuvo shandhya	shuvo ratri	amar nam __
	Urdu			salaam aleeku						mera nam __ hai.
	Punjabi			asslaam alaikam						mayra naan __ hai

DXView database



DXView informatie: USAP database

DXView Info 3.5.2 @ 2010-10-04 20:50:32 Z [PF,SC]

Search

DXCC (last LotW upload: 2010-10-02)

prefix entity code

GeoMag max K

Antenna presets

Location @ 2010-10-04 15:50:32 local **USAP database**

latitude longitude SP DX ~ cont grid CQ ITU

location IOTA time zone

Heading short long

Special Callsign Tags

K Progress (AA6YQ.mdb)

	160M	80M	40M	30M	20M	17M	15M	12M	10M	6M	2M
PHONE	V	C	V		V	V	V	W	V	V	W
CW	C	C	V	V	V	V	V	V	C	V	C
RTTY	C	V	V	C	C	W	V		C	W	
PSK	C	C	C	C	C	W	C			W	

Map

Antenna presets

0
45
90
135
180
225
270
315
Bonaire
Saba
Marion Is

- bij Callsign
- bij Prefix
- bij IOTA tag
- bij Grid
- bij Latitude/Longitude

DXView rotor (rotator) controle

DXView Info 3.5.2 @ 2010-10-04 20:35:25 Z [SC]

Search
callsign

DXCC (last LotW upload: 2005-07-17)
prefix entity code

GeoMag
max K

Antenna presets

Location @ 2010-10-05 02:05:25 local
latitude longitude SP DX ~ cont grid CQ ITU
location IOTA time zone

Heading
short long

Special Callsign Tags

VU Progress (AA6YQ.mdb)

	160M	80M	40M	30M	20M	17M	15M	12M	10M	6M	2M
PHONE		V			R		V	V	V		
CW			V	C	V	V	W				
RTTY					V		R				
PSK					C						

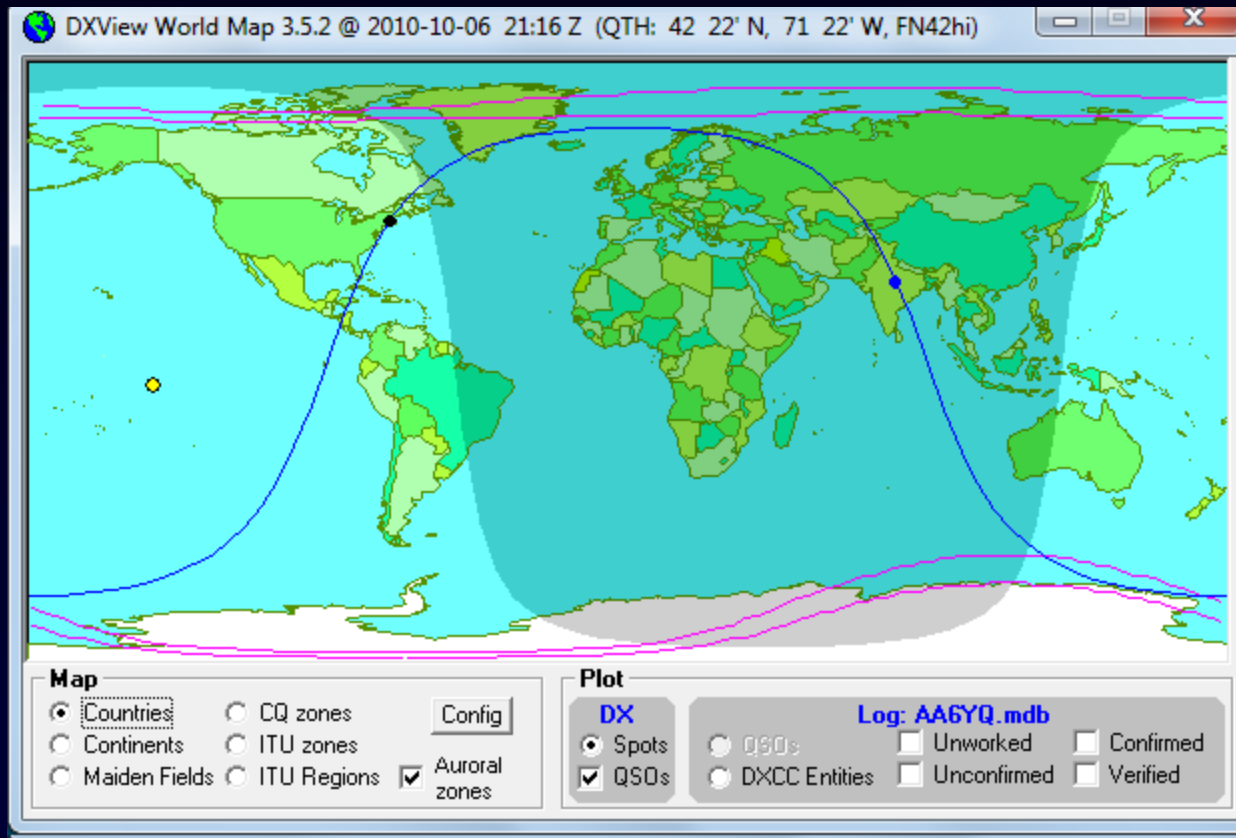
Map

- AlfaSpid
- ARSWIN
- Heath
- Hygain

- LP-Rotor
- M2
- N1MM
- Prosistel

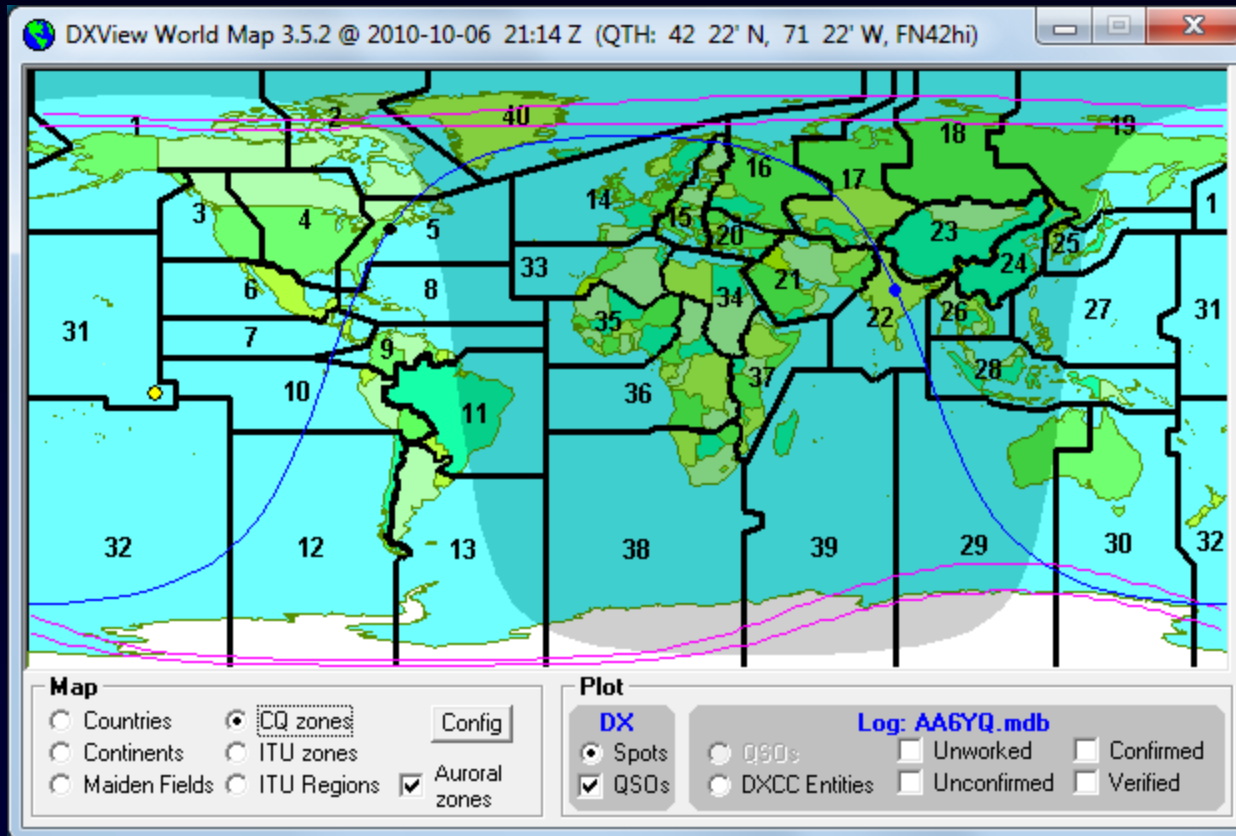
- SARtek
- TIC
- TrackBox
- Yaesu

DXView: Wereldkaart weergave



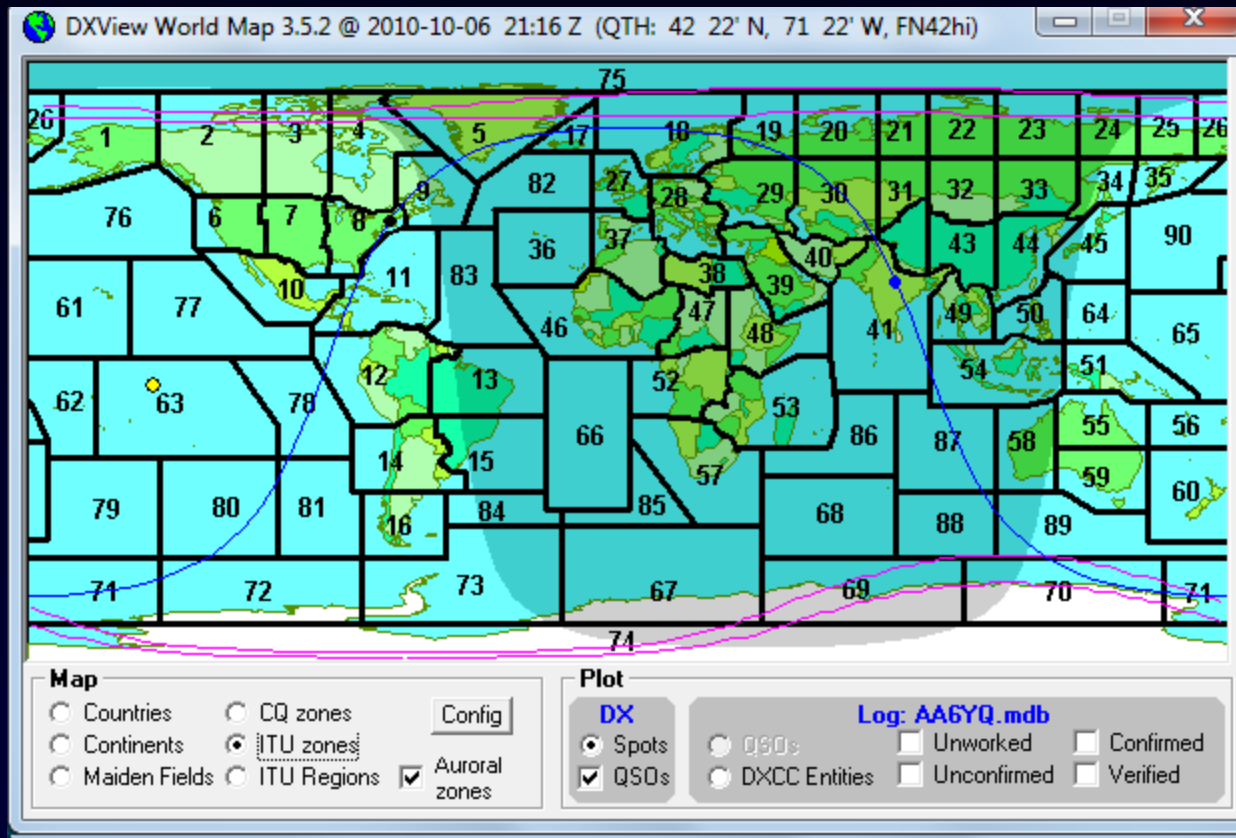
- Beam richting
- Zonne-terminator (*7)
- Aurora zone grenzen
- Punt & klik
- Antenne rotatie
- Propagatie voorspelling

DXView: CQ Zone Overlay



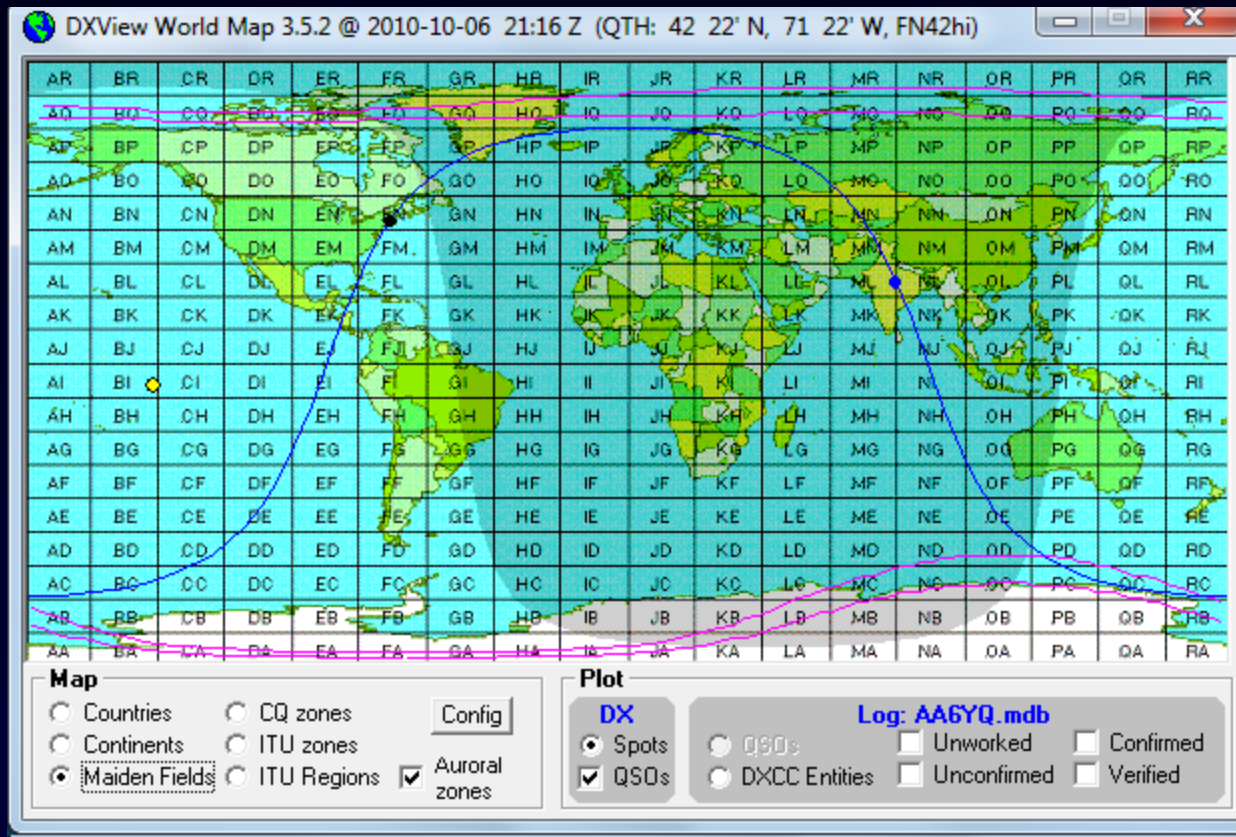
- Beam richting
- Zonne-terminator (*7)
- Aurora zone grenzen
- Punt & klik
- Antenne rotatie
- Propagatie voorspelling

DXView: ITU Zone Overlay



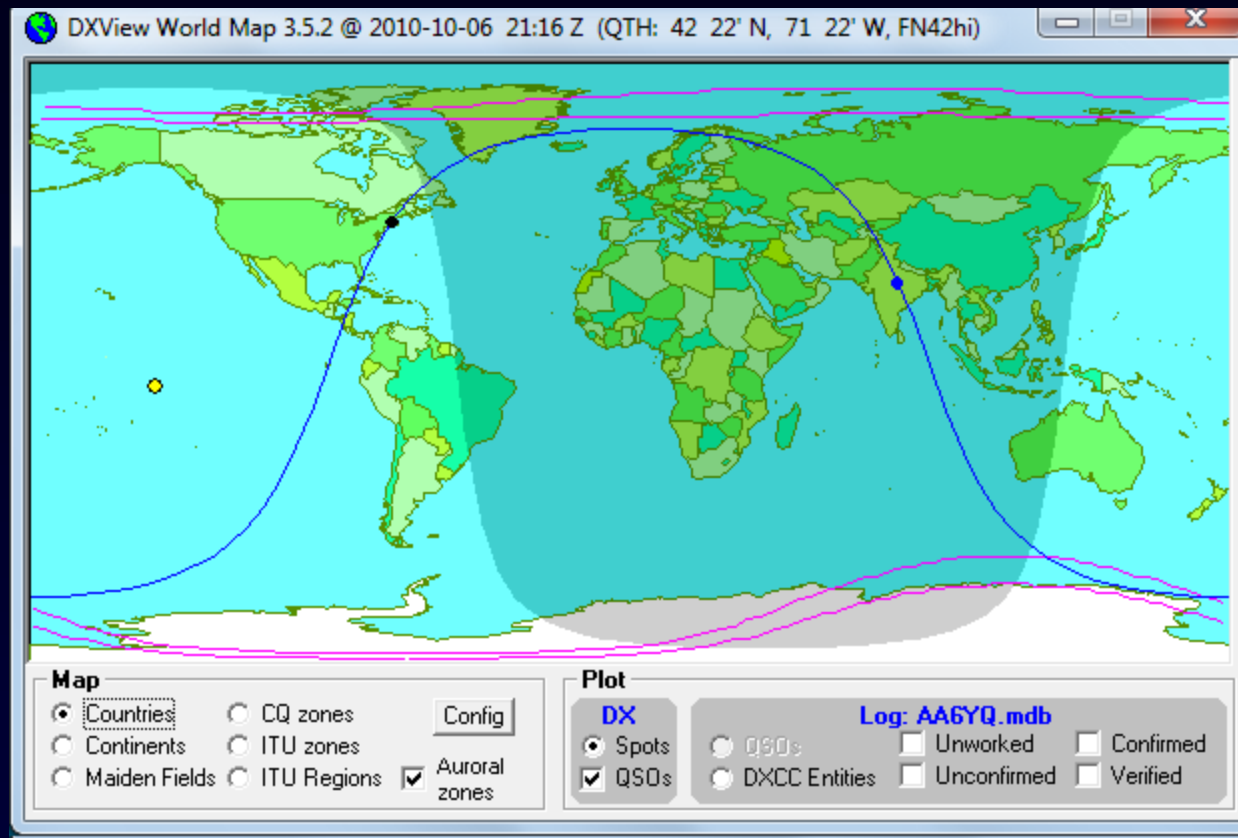
- Beam richting
- Zonne-terminator (*7)
- Aurora zone grenzen
- Punt & klik
- Antenne rotatie
- Propagatie voorspelling

DXView: Maidenhead Field Overlay



- Beam richting
- Zonne-terminator (*7)
- Aurora zone grenzen
- Punt & klik
- Antenne rotatie
- Propagatie voorspelling

DXView: Zonne-Terminator (*7)



DXView Zonsopgang/Zonsondergang tijden

DXView Sunrise/Sunset @ 20:42:56 Z

DX

Latitude Longitude UTC Date

Date	QTH Sunrise	QTH Sunset	DX Sunrise	DX Sunset
Oct 4	10:43	22:21	00:31	12:23
Oct 5	10:44	22:20	00:31	12:22
Oct 6	10:45	22:18	00:31	12:21
Oct 7	10:46	22:16	00:32	12:20
Oct 8	10:48	22:15	00:32	12:19
Oct 9	10:49	22:13	00:33	12:18
Oct 10	10:50	22:11	00:33	12:17
Oct 11	10:51	22:10	00:34	12:16
Oct 12	10:52	22:08	00:34	12:15
Oct 13	10:54	22:06	00:35	12:14
Oct 14	10:55	22:05	00:35	12:14
Oct 15	10:56	22:03	00:36	12:13
Oct 16	10:57	22:02	00:36	12:12
Oct 17	10:58	22:00	00:37	12:11
Oct 18	11:00	21:59	00:37	12:10
Oct 19	11:01	21:57	00:38	12:10
Oct 20	11:02	21:56	00:38	12:09
Oct 21	11:03	21:54	00:39	12:08
Oct 22	11:05	21:53	00:39	12:07
Oct 23	11:06	21:51	00:40	12:07
Oct 24	11:07	21:50	00:40	12:06
Oct 25	11:09	21:49	00:41	12:05
Oct 26	11:10	21:47	00:42	12:04
Oct 27	11:11	21:46	00:42	12:04
Oct 28	11:12	21:45	00:43	12:03
Oct 29	11:14	21:43	00:43	12:03
Oct 30	11:15	21:42	00:44	12:02
Oct 31	11:16	21:41	00:45	12:01
Nov 1	11:18	21:39	00:45	12:01
Nov 2	11:19	21:38	00:46	12:00
Nov 3	11:20	21:37	00:47	12:00

DXView: Landkaarten

DXView Info 3.5.2 @ 2010-10-04 20:35:25 Z [SC]

Search **DXCC (last LotW upload: 2005-07-17)**

callsign prefix entity code

Location @ 2010-10-05 02:05:25 local **DXCC database**

latitude longitude SP DX ~ cont grid CQ ITU

location IOTA time zone

Heading

short long

Special Callsign Tags

VU Progress (AA6YQ.mdb)

	160M	80M	40M	30M	20M	17M	15M	12M	10M	6M	2M
PHONE		V			R		V	V	V		
CW			V	C	V	V	W				
RTTY					V		R				
PSK					C						

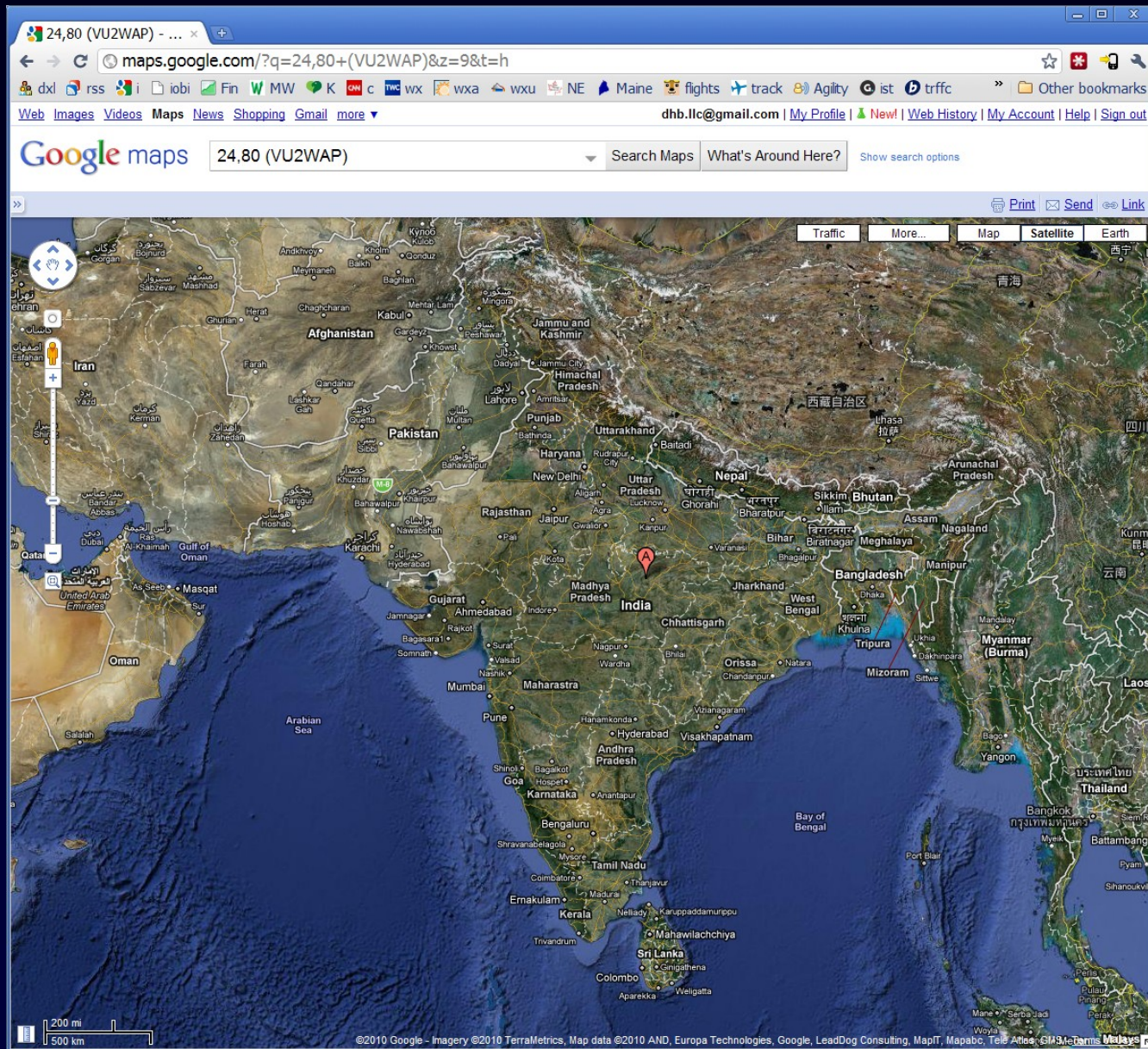
Map

Antenna presets

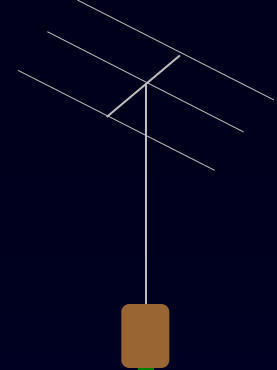
DXView: Landkaarten



DXView: Google kaarten (Maps)



De DXLab Suite



WinWarbler

Commander

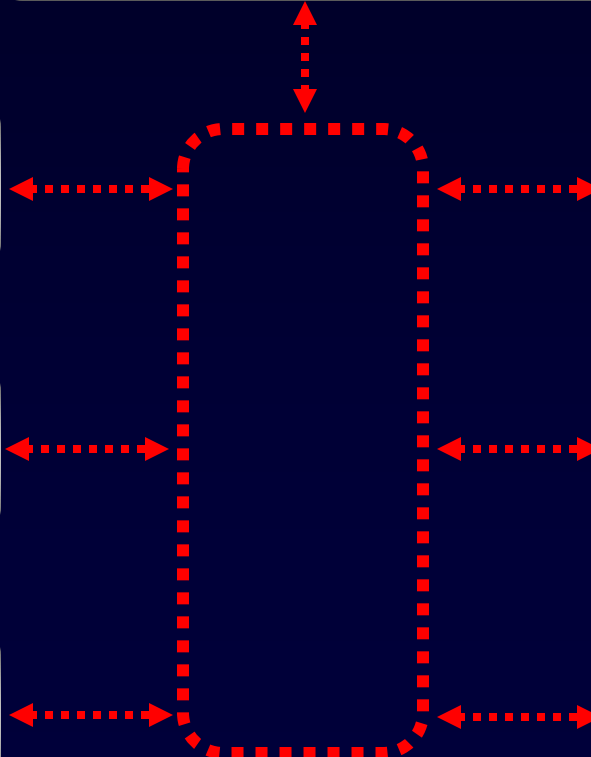
DXView

DXKeeper

SpotCollector

PropView

Pathfinder



DXKeeper

- Loggen
- QSLing
- Award bijhouden
- Meerdere QTH's per log
- Import QSO's van een file
- Export QSO's naar een file

DXKeeper

- Loggen
- QSLing
- Award bijhouden
- Meerdere QTH's per log
- Import QSO's van een file
- Export QSO's naar een file

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Jordan (00:15)

call name QTH

mode via tx freq begin

sent rcvd tx band rx freq end

power code DXCC entity

☐ Auxiliary
☐ QSL
☐ Online QSL
☐ Award
☐ Contest
☐ Propagation
☐ Details
☐ User-defined

New Save Undo CBA Delete Report Plot 18487 Adv RAT Capture Config Help

	Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
	IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
	HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
	UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
	G3WCY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
	OH2LZI	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
	DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
	JH8JYV	Hide	JA	9/19/2010 21:43	CW	18.075	18.075	17M	599	599	Sapporo-city
	PJ7/N9NA	John	PJ5	9/19/2010 21:59	CW	18.075	18.075	17M	559	589	
	JT5DX	Chadraabal	JT	9/19/2010 23:23	CW	18.075	18.075	17M	599	599	Mongolia
	RX0AT	Vit	UA	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
	KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
	JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Aman

Sort: ☒ UTC ☐ Call ☐ Adv Filter: None

X Call DXCC Date Since Sel LotW Broke ~

DXKeeper: Logboekregistratie

- Uitgebreide logboek gegevensbank (database)
- Krachtig QSO's zoeken, sorteren, en bewerken
- Opnamevenster geoptimaliseerd OM er mee te werken
- Callbook toegang

DXKeeper Hoofdscherm

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Jordan (00:15)

call JY4NE name Ali QTH Amman

mode RTTY via tx freq 14.087 begin 9/20/2010 18:37

sent 599 rcvd 599 tx band 20M rx freq 14.086 end 9/20/2010 18:38

power 1500 code 342 DXCC JY entity Jordan

☐ Auxiliary
☐ QSL
☐ Online QSL
☐ Award
☐ Contest
☐ Propagation
☐ Details
☐ User-defined

New Save Undo CBA Delete Report Plot 18487 Adv RAT Capture Config Help

	Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
	IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
	HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
	UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
	G3W/CY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
	OH2LZ	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
	DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
	JH8JYV	Hide	JA	9/19/2010 21:43	Cw	18.075	18.075	17M	599	599	Sapporo-city
	PJ7/N9NA	John	PJ5	9/19/2010 21:59	Cw	18.075	18.075	17M	559	589	
	JT5DX	Chadraabal	JT	9/19/2010 23:23	Cw	18.075	18.075	17M	599	599	Mongolia
	RX0AT	Vit	UA0	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
	KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
▶	JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort Filter: None

☒ UTC ☐ Call ☐ Adv

X Call DXCC Date Since Sel LotW Broke ~

DXKeeper hoofdscherm: Vorige QSO's

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb (filtered): 5 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Jordan (00:15)

call JY4NE name Ali QTH Amman

mode RTTY via tx freq 14.087 begin 9/20/2010 18:37

sent 599 rcvd 599 tx band 20M rx freq 14.086 end 9/20/2010 18:38

power 1500 code 342 DXCC JY entity Jordan

☐ Auxiliary
☐ QSL
☐ Online QSL
☐ Award
☐ Contest
☐ Propagation
☐ Details
☐ User-defined

New Save Undo CBA Delete Report Plot 5 Adv RAT Capture Config Help

	Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
	JY4NE	Ali	JY	9/5/1999 03:17	SSB	14.292		20M	59	59	
	JY4NE	Ali	JY	9/5/1999 17:08	SSB	28.470		10M	33	55	
	JY4NE	Ali	JY	9/13/2003 18:45	RTTY	14.083		20M	599	599	
	JY4NE	Ali	JY	7/19/2010 03:50	Cw	14.037	14.037	20M	599	599	Amman
▶	JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort **Filter: Previous QSOs with JY4NE**

☒ UTC ☐ Call ☐ Adv JY4NE X Call DXCC Date Since Sel LotW Broke ~

DXKeeper Hoofdscherm: Award paneel

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Jordan (00:15)

call JY4NE name Ali QTH Aman

mode RTTY via tx freq 14.087 begin 9/20/2010 18:37

sent 599 rcvd 599 tx band 20M rx freq 14.086 end 9/20/2010 18:38

power 1500 code 342 DXCC JY entity Jordan

☐ Auxiliary
☐ QSL
☐ Online QSL
☒ Award
☐ Contest
☐ Propagation
☐ Details
☐ User-defined

Award

grid IOTA cont AS WPX JY4 CQ 20 ITU 39

pri sub ? sec sub ?

New Save Undo CBA Delete Report Plot 18487 Adv RAT Capture Config Help

Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
G3W/CY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
OH2LZI	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
JH8JYV	Hide	JA	9/19/2010 21:43	CW	18.075	18.075	17M	599	599	Sapporo-city
PJ7/N9NA	John	PJ5	9/19/2010 21:59	CW	18.075	18.075	17M	559	589	
JT5DX	Chadraabal	JT	9/19/2010 23:23	CW	18.075	18.075	17M	599	599	Mongolia
RX0AT	Vit	UA	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort **Filter: None**

☒ UTC ☐ Call ☐ Adv

X Call DXCC Date Since Sel LotW Broke ~

DXKeeper Hoofdscherm: Award paneel

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Asiatic Russia

call: RX0AT name: Vit QTH: Krasnoyarsk

mode: RTTY via: tx freq: 14.082125 begin: 9/20/2010 01:01

sent: 599 rcvd: 599 tx band: 20M rx freq: 14.08213 end: 9/20/2010 01:01

power: 150 code: 15 DXCC: UA0 entity: Asiatic Russia

Award

grid: NO65kx IOTA: cont: EU WPX: RX0 CQ: 18 ITU: 29

subyekt: KK district: ?

New Save Undo CBA Delete Report Plot 18485 Adv RAT Capture Config Help

	Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
	IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
	HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
	UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
	G3W/CY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
	OH2LZI	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
	DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
	JH8JYV	Hide	JA	9/19/2010 21:43	CW	18.075	18.075	17M	599	599	Sapporo-city
	PJ7/N9NA	John	PJ5	9/19/2010 21:59	CW	18.075	18.075	17M	559	589	
	JT5DX	Chadraabal	JT	9/19/2010 23:23	CW	18.075	18.075	17M	599	599	Mongolia
▶	RX0AT	Vit	UA	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
	KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
	JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort Filter: None

UTC Call Adv X Call DXCC Date Since Sel LotW Broke ~

DXKeeper Hoofdscherm: Subdivisie selector

Main Administrative Subdivision Selector (Asiatic Russia)

Primary Administrative Subdivision (Subyekt)

Code: KK Oblast: 103 Name: Krasnoyarsk (Krasnoyarsk Kraj)

Secondary Administrative Subdivision (District)

Code: [Open List]

- Abansky Area
- Achinsk
- Achinsky Area
- Alahtinsky Area
- Berezovsky Area
- Birijussky Area
- Bogotol

DXKeeper Hoofdscherm: QSL paneel

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Finland

call OH2LZI name Heikki QTH Pernaja

mode RTTY via tx freq 14.086035 begin 9/19/2010 10:55

sent 559 rcvd 599 tx band 20M rx freq 14.086042 end 9/19/2010 10:55

power 1500 code 224 DXCC OH entity Finland

QSL

sent Y R CFM date sent 10/7/2010 sent via WAZ vfy VUCC vfy

rcvd R R VFY date rcvd rcvd via IOTA vfy

msg

myQTH Wayland:IC-7800

addr Heikki Ahola
Tuomaantie 13A
FI-02180 Espoo
FINLAND

QSL Sent
N - don't send
R - requested
Y - sent
I - don't send

QSL Rcvd
R - requested
Y - confirmed
S - submitted
V - verified
I - invalid
X - expired

New Save Undo CBA Delete Report Plot 18480 Adv RAT Capture Config Help

	Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
	IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
	HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
	UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
	G3wCY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
▶	OH2LZI	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
	DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
	JH8JYV	Hide	JA	9/19/2010 21:43	Cw	18.075	18.075	17M	599	599	Sapporo-city
	PJ7/N9NA	John	PJ5	9/19/2010 21:59	Cw	18.075	18.075	17M	559	589	
	JT5DX	Chadraabal	JT	9/19/2010 23:23	Cw	18.075	18.075	17M	599	599	Mongolia
	RX0AT	Vit	UA0	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
	KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
	JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort Filter: None

UTC Call Adv X Call DXCC Date Since Sel LotW Broke ~

DXKeeper Hoofdscherm: Online QSL paneel

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Finland

call OH2LZ name Heikki QTH Pernaja

mode RTTY via tx freq 14.086035 begin 9/19/2010 10:55

sent 559 rcvd 599 tx band 20M rx freq 14.086042 end 9/19/2010 10:55

power 1500 code 224 DXCC OH entity Finland

QSL

sent Y R CFM date sent 10/7/2010 sent via WAZ vfy VUCC vfy

rcvd R R VFY date rcvd rcvd via IOTA vfy

msg Heikki Ahola
Tuomaantie 13A
FI-02180 Espoo
FINLAND

myQTH Wayland:IC-7800

Online QSL

eQSL.cc

sent R CFM date sent

rcvd VFY date rcvd

Display member A

LotW

sent Y CFM date sent 9/19/2010

rcvd R VFY date rcvd

member Y

QSL Sent
N - don't send
R - requested
Y - sent
I - don't send

QSL Rcvd
R - requested
Y - confirmed
S - submitted
V - verified
I - invalid
X - expired

New Save Undo CBA Delete Report Plot 18480 Adv RAT Capture Config Help

Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
G3W/CY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
OH2LZ	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
JH8JYV	Hide	JA	9/19/2010 21:43	CW	18.075	18.075	17M	599	599	Sapporo-city
PJ7/N9NA	John	PJ5	9/19/2010 21:59	CW	18.075	18.075	17M	559	589	
JT5DX	Chadraabal	JT	9/19/2010 23:23	CW	18.075	18.075	17M	599	599	Mongolia
RX0AT	Vit	UA0	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort Filter: None

UTC Call Adv X Call DXCC Date Since Sel LotW Broke ~

DXKeeper Hoofdscherm: Online QSL paneel

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Finland

call OH2LZI name Heikki QTH Pernaja

mode RTTY via tx freq 14.086035 begin 9/19/2010 10:55

sent 559 rcvd 599 tx band 20M rx freq 14.086042 end 9/19/2010 10:55

power 1500 code 224 DXCC OH entity Finland

QSL

sent Y R CFM date sent 10/7/2010 sent via WAZ vfy VUCC vfy

rcvd R R VFY date rcvd rcvd via IDTA vfy

msg addr Heikki Ahola
Tuomaantie 13A
FI-02180 Espoo
FINLAND

myQTH Wayland:IC-7800

Online QSL

eQSL.cc

sent R CFM date sent rcvd VFY date rcvd

Display member A

LotW

sent Y CFM date sent 9/19/2010 rcvd R VFY date rcvd

member Y

QSL Sent
N - don't send
R - requested
Y - sent
I - don't send

QSL Rcvd
R - requested
Y - confirmed
S - submitted
V - verified
I - invalid
X - expired

New Save Undo CBA Delete Report Plot 18480 Adv RAT Capture Config Help

Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
G3W/CY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
OH2LZI	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
JH8JYV	Hide	JA	9/19/2010 21:43	CW	18.075	18.075	17M	599	599	Sapporo-city
PJ7/N9NA	John	PJ5	9/19/2010 21:59	CW	18.075	18.075	17M	559	589	
JT5DX	Chadraabal	JT	9/19/2010 23:23	CW	18.075	18.075	17M	599	599	Mongolia
RX0AT	Vit	UA0	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort

UTC Call Adv Filter: None

X Call DXCC Date Since Sel LotW Broke ~

DXKeeper Hoofdscherm: Gebruikers gedefinieerde velden

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Jordan (00:15)

call JY4NE name Ali QTH Amman

mode RTTY via tx freq 14.087 begin 9/20/2010 18:37

sent 599 rcvd 599 tx band 20M rx freq 14.086 end 9/20/2010 18:38

power 1500 code 342 DXCC JY entity Jordan

☐ Auxiliary
☐ QSL
☐ Online QSL
☐ Award
☐ Contest
☐ Propagation
☐ Details
☒ User-defined

User-defined

Conditions good TX antenna

CW speed 35 TX antenna ht

DXer TX antenna el

DXLab RX antenna

New Save Undo CBA Delete Report Plot 18487 Adv RAT Capture Config Help

Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
IK5UAN	Roberto	I	9/19/2010 10:47	RTTY	14.087	14.087	20M	599	599	Monsummano Ter. Pt
HA5VZ	Miklos	HA	9/19/2010 10:51	RTTY	14.086	14.086	20M	599	599	Budapest
UX2SB	Vasil	UT	9/19/2010 10:52	RTTY	14.086	14.086	20M	599	599	Ivano-fr. Obl.
G3wCY	Brian	G	9/19/2010 10:53	RTTY	14.086	14.086	20M	599	579	Near Oxford
OH2LZI	Heikki	OH	9/19/2010 10:55	RTTY	14.086	14.086	20M	559	599	Pernaja
DD8HB	Rolf	DL	9/19/2010 10:57	RTTY	14.086	14.086	20M	599	599	Luebeck-schlutup
JH8JYV	Hide	JA	9/19/2010 21:43	Cw	18.075	18.075	17M	599	599	Sapporo-city
PJ7/N9NA	John	PJ5	9/19/2010 21:59	Cw	18.075	18.075	17M	559	589	
JT5DX	Chadraabal	JT	9/19/2010 23:23	Cw	18.075	18.075	17M	599	599	Mongolia
RX0AT	Vit	UA0	9/20/2010 01:01	RTTY	14.082	14.082	20M	599	599	Krasnoyarsk
KP4JFR	Jose	KP4	9/20/2010 01:11	RTTY	14.083	14.083	20M	599	599	Trujillo Alto, PR
JY4NE	Ali	JY	9/20/2010 18:37	RTTY	14.087	14.086	20M	599	599	Amman

Sort **Filter: None**

☒ UTC ☐ Call ☐ Adv

JY4NE X Call DXCC Date Since Sel LotW Broke ~

DXKeeper: Logging

- Uitgebreide logboek gegevensbank (database)
- Krachtig QSO's zoeken, sorteren, en bewerken
- Opnamevenster geoptimaliseerd om er mee te werken
- Callbook toegang

DXKeeper Opname (Capture) venster

DXKeeper Capture @ 10/7/2010 19:40 Z

call (7)	? VQ9LA	DXCC	? VQ9
RST sent/rcvd	559 579	mode	? CW
name	Larry	tx freq	? 7.002
QTH	Fpo Ap	rx freq	7.002
pri sub	?	sec sub	?
QSL requested	☐ via DIRECT QRZ	cont	AF
use bureau	☐ grid MI62	CQ -- ITU	39 41
LotW member	☒ IOTA AF-006	az -- path	52 S
eQSL AG	☐ pwr 100	myQTH ID	Wayland:IC-780C
comment	~		
contest mode	☐ ID	tx# -- rx#	
last QSO 8/28/2010 at 0101Z on 3.50798 in CW			
Conditions	QSB	TX antenna	
CW speed	30	TX antenna ht	
DXer		TX antenna el	
DXLab		RX antenna	

Lookup Spot End began 19:40 Z Clear Log

DXKeeper Opname (Capture) venster

DXKeeper Capture @ 10/7/2010 19:42 Z

call (7)	? VQ9LA	DXCC	? VQ9
RST sent/rcvd	559 579	mode	? CW
name	Larry	tx freq	? 7.002
QTH	Fpo Ap	rx freq	7.002

Lookup Spot End [began 19:40 Z](#) Clear Log

DXKeeper Capture Window

DXKeeper Capture @ 10/7/2010 19:42 Z

call (7) ? **VQ9LA** DXCC ? VQ9

RST sent/rcvd 559 579 mode ? CW

name Larry tx freq ? 7.002

QTH Fpo Ap rx freq 7.002

Lookup Spot End began 19:40 Z Clear Log

DXKeeper 8.9.4 [CC,DXV,SC,WW] - AA6YQ.mdb (filtered): 7 QSOs [QSL queue: 7 QSLs]

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Chagos (2:48)

call VQ9LA name Larry QTH Fpo Ap

mode CW via DIRECT QRZ.COM tx freq 3.50798 begin 8/28/2010 01:01

sent 599 rcvd 599 tx band 80M rx freq 3.50798 end 8/28/2010 01:04

power 1500 code 33 DXCC VQ9 entity Chagos

Auxiliary
QSL
Online QSL
Award
Contest
Propagation
Details
User-defined

New Save Undo CBA Delete Report Plot 7 Adv RAT Capture Config Help

	Call	Name	DXCC	Starting UTC	Mode	Freq	RX Freq	Band	Sent	Rcvd	QTH
	VQ9LA		VQ9	8/13/2003 01:57	RTTY	14.083		20M	59	59	
	VQ9LA		VQ9	10/6/2003 01:16	CW	3.504		80M	559	599	
	VQ9LA	Larry	VQ9	8/10/2009 01:57	CW	10.107	10.106	30M			Fpo Ap
	VQ9LA	Larry	VQ9	9/17/2009 15:22	CW	18.087	18.085	17M			Fpo Ap
	VQ9LA	Larry	VQ9	2/21/2010 01:12	CW	10.117	10.116	30M	599	599	Fpo Ap
	VQ9LA	Larry	VQ9	8/8/2010 01:44	CW	7.002	7.002	40M	599	599	Fpo Ap
	VQ9LA	Larry	VQ9	8/28/2010 01:01	CW	3.508	3.508	80M	599	599	Fpo Ap

Sort ☒ UTC ☐ Call ☐ Adv

Filter: Previous QSOs with VQ9LA

VQ9LA X Call DXCC Date Since Sel LotW Broke ~

DXKeeper: boekregistratie

- Uitgebreide logboek gegevensbank (database)
- Krachtig QSO's zoeken, sorteren, en bewerken
- Opnamevenster geoptimaliseerd om er mee te werken
- Callbook toegang
 - De gebruikelijke programma's
 - Radio Amateur's Callboek CDROM
 - Buckmaster HamCall CDROM
 - HamCall.net
 - HamQTH.com (Vrij zonder reclame)
 - QRZ locale gegevensbank (database)
 - QRZ.com (Vrij met reclame, of data-abonnement)
 - Update gelogde QSO's in grote hoeveelheid

DXKeeper: QSLing

- Genereert QSL kaarten en labels
- Genereert adres labels of print omslagen
- Support voor eQSL.cc en ARRL's LotW
 - Upload met één-klik
 - Download en update met één-klik
 - Onafhankelijk bijhouden

DXKeeper: QSLing met kaarten

DXKeeper 8.9.4 [CC,DXV,SC,WW] - AA6YQ.mdb (filtered): 30 QSOs [QSL queue: 7 QSLs]

Log QSOs **QSL** Check Progress my QTHs Import QSOs Export QSOs

QSL via

☒ Cards ☐ 2-column labels ☐ eQSL.cc ☐ ADIF file
☐ 3-column labels ☐ LotW ☐ tab-delimited file

Address via

☒ Envelopes ☐ 2-column labels
☐ 3-column labels

QSL Queue

	QSL	Call	Via	Sent Via	Begin	Mode	Band	Station call	myQTH ID
▶	☒	JT5DX	JT1CO		9/19/2010 23:23	CW	17M	AA6YQ	wayland:ic-7800
	☒	AP2TN	DJ9ZB	direct	9/2/2010 20:58	CW	30M	AA6YQ	wayland:ic-7800
	☒	A51A	JA1TRC	direct	9/10/2010 23:54	CW	40M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	8/28/2010 01:01	CW	80M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	8/8/2010 01:44	CW	40M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	2/21/2010 01:12	CW	30M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	9/17/2009 15:22	CW	17M	AA6YQ	wayland:ic-7800

◀ ▶

Add Needed Add Requested Add All QSL Config ◀ ◁ ▷ ▶

Enable All Disable All Clear Help

Process QSLs and Addresses

Print QSL Cards Create Address File Address Envelopes Update Log

☒ Print preview (QSL cards) ☐ Include QSLs to be sent via the QSL Bureau
☒ Include QSLs to be sent via direct mail

Self-addr envel

Print

10
batch size

DXKeeper: QSL kaart print voorbeeld

DXKeeper Print Preview

Next Print Left margin: .117 in Width: 10.333 in Top margin: .117 in Height: 8.267 in

Dave Bernstein
25 Glezen Lane
Wayland, MA 01778

AA6YQ

Middlesex County
FN42hi
USA

Confirming a 2X QSO with AP2TN

Date	Time	Freq	Mode	RST	QSL?	Notes
02-Sep-10	2058Z	10.102	CW	599	please!	

printed by DXLab freeware www.dxlabsuite.com

Dave Bernstein
25 Glezen Lane
Wayland, MA 01778

AA6YQ

Middlesex County
FN42hi
USA

Confirming a 2X QSO with A51A

Date	Time	Freq	Mode	RST	QSL?	Notes
10-Sep-10	2354Z	7.005	CW	599	please!	

printed by DXLab freeware www.dxlabsuite.com

Dave Bernstein
25 Glezen Lane
Wayland, MA 01778

AA6YQ

Middlesex County
FN42hi
USA

Confirming a 2X QSO with JT5DX

Date	Time	Freq	Mode	RST	QSL?	Notes
19-Sep-10	2323Z	18.075	CW	599		

printed by DXLab freeware www.dxlabsuite.com

Dave Bernstein
25 Glezen Lane
Wayland, MA 01778

AA6YQ

Middlesex County
FN42hi
USA

Confirming 2X QSOs with VQ9LA

Date	Time	Freq	Mode	RST	QSL?	Notes
17-Sep-09	1522Z	18.087	CW	599		
21-Feb-10	0112Z	10.117	CW	599		
08-Aug-10	0144Z	7.002	CW	599		
28-Aug-10	0101Z	3.508	CW	599		

printed by DXLab freeware www.dxlabsuite.com

DXKeeper: QSL kaart

Dave Bernstein
25 Glezen Lane
Wayland, MA 01778

AA6YQ

Middlesex County
FN42hi
USA

Confirming 2X QSOs with VQ9LA

Date	Time	Freq	Mode	RST	QSL?	Notes
17-Sep-09	1522Z	18.087	CW	599		
21-Feb-10	0112Z	10.117	CW	599		
08-Aug-10	0144Z	7.002	CW	599		
28-Aug-10	0101Z	3.508	CW	599		

printed by DXLab freeware

www.dxlabsuite.com

DXKeeper: QSL kaart met achtergrond

Wayland Massachusetts
Middlesex county

AA6YQ

Grid: FN42hi
42 20' N
71 25' W

Confirming a 2X QSO with 5T0JL via ON8RA

Date	Time	Freq	Mode	RST	QSL?	Notes
29-Jul-11	1906Z	24.894	CW	579		

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www.dxlabsuite.com



DXKeeper: QSLing met labels

DXKeeper 8.9.4 [CC,DXV,SC,WW] - AA6YQ.mdb (filtered): 30 QSOs [QSL queue: 7 QSLs]

Log QSOs **QSL** Check Progress my QTHs Import QSOs Export QSOs

QSL via

☐ Cards ☐ 2-column labels ☐ eQSL.cc ☐ ADIF file
☒ 3-column labels ☐ LotW ☐ tab-delimited file

Address via

☒ Envelopes ☐ 2-column labels
☐ 3-column labels

QSL Queue

	QSL	Call	Via	Sent Via	Begin	Mode	Band	Station call	myQTH ID
	☒	AP2TN	DJ9ZB	direct	9/2/2010 20:58	CW	30M	AA6YQ	wayland:ic-7800
	☒	A51A	JA1TRC	direct	9/10/2010 23:54	CW	40M	AA6YQ	wayland:ic-7800
	☒	JT5DX	JT1CO		9/19/2010 23:23	CW	17M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	9/17/2009 15:22	CW	17M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	2/21/2010 01:12	CW	30M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	8/8/2010 01:44	CW	40M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	8/28/2010 01:01	CW	80M	AA6YQ	wayland:ic-7800

◀ ▶

Add Needed Add Requested Add All QSL Config ◀ ◁ ▷ ▶

Enable All Disable All Clear Help

Process QSLs and Addresses

Print QSL Labels Create Address File Address Envelopes Update Log

☒ Print preview (QSL labels) missing labels ☐ Include QSLs to be sent via the QSL Bureau
☒ Include QSLs to be sent via direct mail

Self-addr envel

Print batch size

DXKeeper: QSL kaart label voorbeeld

DXKeeper Print Preview

Next Print Left margin: .117 in Width: 8.267 in Top margin: .117 in Height: 10.333 in

AA6YQ cfm a 2X QSO with AP2TN

Date	Time	Freq	Mode	RST
02-Sep-10	2056Z	10.102	CW	559

AA6YQ cfm a 2X QSO with A51A

Date	Time	Freq	Mode	RST
10-Sep-10	2354Z	7.005	CW	599

AA6YQ cfm a 2X QSO with JT5DX

Date	Time	Freq	Mode	RST
19-Sep-10	2323Z	18.075	CW	599

AA6YQ cfm 2X QSOs with VQ9LA

Date	Time	Freq	Mode	RST
17-Sep-09	1522Z	18.087	CW	
21-Feb-10	0112Z	10.117	CW	599
08-Aug-10	0144Z	7.002	CW	599

AA6YQ cfm 2X QSOs with VQ9LA

Date	Time	Freq	Mode	RST
28-Aug-10	0101Z	3.508	CW	599

DXKeeper: QSLing met labels

DXKeeper 8.9.4 [CC,DXV,SC,WW] - AA6YQ.mdb (filtered): 30 QSOs [QSL queue: 7 QSLs]

Log QSOs **QSL** Check Progress my QTHs Import QSOs Export QSOs

QSL via

☐ Cards ☐ 2-column labels ☐ eQSL.cc ☐ ADIF file
☒ 3-column labels ☐ LotW ☐ tab-delimited file

Address via

☒ Envelopes ☐ 2-column labels
☐ 3-column labels

QSL Queue

	QSL	Call	Via	Sent Via	Begin	Mode	Band	Station call	myQTH ID
	☒	AP2TN	DJ9ZB	direct	9/2/2010 20:58	CW	30M	AA6YQ	wayland:ic-7800
	☒	A51A	JA1TRC	direct	9/10/2010 23:54	CW	40M	AA6YQ	wayland:ic-7800
	☒	JT5DX	JT1CO		9/19/2010 23:23	CW	17M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	9/17/2009 15:22	CW	17M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	2/21/2010 01:12	CW	30M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	8/8/2010 01:44	CW	40M	AA6YQ	wayland:ic-7800
	☒	VQ9LA	DIRECT QRZ.COM	direct	8/28/2010 01:01	CW	80M	AA6YQ	wayland:ic-7800

◀ ▶

Add Needed Add Requested Add All QSL Config ◀ ◁ ▷ ▶

Enable All Disable All Clear Help

Process QSLs and Addresses

Print QSL Labels Create Address File Address Envelopes Update Log

☒ Print preview (QSL labels) missing labels ☐ Include QSLs to be sent via the QSL Bureau
☒ Include QSLs to be sent via direct mail

Self-addr envel

Print batch size

DXKeeper: QSLing met Logbook of the World

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs [QSL queue: 4 QSLs]

Log QSOs **QSL** Check Progress my QTHs Import QSOs Export QSOs

QSL via

☐ Cards ☐ 2-column labels ☐ eQSL.cc ☐ ADIF file
☐ 3-column labels ☒ LoTW ☐ tab-delimited file

Address via

☒ Envelopes ☐ 2-column labels ☐ 3-column labels

QSL Queue

	QSL	Call	Via	Sent Via	Begin	Mode	Band	Station call	myQTH ID
	☒	JT5DX	: JT1CO		9/19/2010 23:23	CW	17M	AA6YQ	wayland:ic-7800
	☒	RX0AT			9/20/2010 01:01	RTTY	20M	AA6YQ	wayland:ic-7800
	☒	KP4JFR			9/20/2010 01:11	RTTY	20M	AA6YQ	wayland:ic-7800
▶	☒	JY4NE			9/20/2010 18:37	RTTY	20M	AA6YQ	wayland:ic-7800

◀ ▶

Add Needed Add Requested Add All QSL Config ◀ ◁ ▷ ▶

Enable All Disable All Clear Help

LoTW operations

Upload to LoTW Sync LoTW QSOs Sync LoTW QSLs

9/20/2010 06:05:32 9/19/2010 21:05:07 9/21/2010 05:13:46

Station Location

Self-addr envel

Print

10
batch size

DXKeeper: Award bijhouden

DXKeeper 8.9.4 [CC,DXV,PV,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs	QSL	Check Progress	my QTHs	Import QSOs	Export QSOs
DXCC, Challenge, & TopList					
Progress Submission QSL Kind		Progress Realtime		Progress Submission Summary	
Realtime Verification					
IOTA					
Progress		CQ DX Marathon		CQ DX	
		Progress Submission		Progress	
WAC reports					
Progress		VUCC reports		Maidenhead reports	
		Progress Submission		CQ Fields Grids	
North American progress reports					
WAS USA-CA Canada		JARL progress reports		Other progress reports	
		WAJA JCC JCG AJA		DDFM DOKs Holyland	
SRR Russian Oblast reports					
Progress Submission		RDA Russian District reports		WAB WAE WAHUC WAIP	
		Progress Submission		WITU	
Card Aging QSL Stats Uniques First QSOs Show reports Run Script Recompute Advanced Config Help					

DXKeeper: Award bijhouden

- DXCC* & Challenge*
 - generates submission
 - tracks verification
- CQ DX*
- CQ DX Marathon
- CQ Field*
- Gridsquares
- IOTA*
- TOPLIST*
- VUCC*
- Worked All Continents*
- Worked All Europe
- Worked All Prefixes*
- Worked All Zones*
- Worked All British Areas
- Worked All Canadian Provinces
- Worked All French Departments
- Worked All German DOKs
- Worked All Holyland Areas
- Worked All Hungarian Counties
- Worked All Italian Provinces
- Worked All Japanese Cities
- Worked All Japanese Guns
- Worked All Japanese Prefectures
- Worked All Russian Oblasts
- Worked All Russian Districts
- Worked All US States*
- Worked All US Counties*

* Hebben een bevestiging nodig

DXKeeper: Realtime DXCC Award Tracking

DXKeeper Realtime Award Tracking: KF6ZWD/HC2

DXCC, Challenge, Top | Marathon | WAZ

Award Progress: 340 current DXCC entities [Filter: by progress]

	Prefix	Entity	Phone	CW	RTTY	PSK	160M	80M	40M	30M	20M	17M	15M	12M	10M	6M	2M
▶	HC	V	V	V	V	C	V	V	V	V	V	V	V	V	V	V	
	HC8	V	V	V	V		V	V	V	V	V	V	V	V	V	V	
	HH	V	V	V	V	C	V	V	V	V	V	V	V	V	V	V	
	HI	V	V	V	V	C	V	V	V	V	V	V	V	V	V	V	
	HK	V	V	V	V	C	V	V	V	V	V	V	V	V	V	V	
	HK0-M	V	V						V		V	V	V	V	V		

Award Progress Filter

Band: **ANY** ☐ Unworked ☐ Worked ☐ Requested ☒ Confirmed ☒ Verified **All**

Mode: **MIXED** ☐ Include deleted DXCC entities **Report**

HC (Ecuador) Progress Details

	160M	80M	40M	30M	20M	17M	15M	12M	10M	6M	2M
PHONE		V	W		V	V	V		V		
CW	V		V	V	V	W	C	V	W		
RTTY			C		V						
PSK			C								

Key

- W - worked
- Q - queued
- R - requested
- C - confirmed
- V - verified

Summary

DXKeeper: Realtime Marathon Award Tracking

DXKeeper Realtime Award Tracking: KF6ZWD/HC2

DXCC, Challenge, Top **Marathon** WAZ

2011 Marathon Award Progress: 193 CQ Countries and Zones [Filter: by progress]

Name	Mixed	SSB	CW	DIGI	160m	80m	60m	40m	30m	20m	17m	15m	12m	10m	6m	2m
▶ HC	W		W		W			W								
HI	W		W					W								
HK	W		W					W								
HL		W						W								
HP	W			W				W								
HR	W		W					W								
HV	W	W								W						
HZ	W		W					W								
I	W		W	W	W	W										
IS0	W		W					W								
IT9	W		W	W	W	W										
J3	W		W					W								
J6	W	W						W								
J7	W	W				W										
JA	W		W							W						
JY	W	W						W								
K	W		W		W						W					
KH2	W		W								W					
KH6	W		W								W					

Marathon Award Progress Filter

Band **ANY** Mode **MIXED** ☐ Unworked ☒ Worked **All** **Report** **Submission** **Config** **Help**

Key
W - worked
Q - queued
R - requested
C - confirmed
V - verified

DXKeeper: Realtime WAZ Award Tracking

DXKeeper Realtime Award Tracking: KF6ZWD/HC2

DXCC, Challenge, Top Marathon **WAZ**

WAZ Award Progress: 39 Zones [Filter: by progress]

	Zone	Mixed	SSB	CW	RTTY	AM	SSTV	DIGI	160m	80m	40m	30m	20m	17m	15m	12m	10m	6m
▶	10	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C
	11	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C
	12	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C
	13	C	C	C	C			C	C	C	C	C	C	C	C	C	C	C
	14	C	C	C	C	C		C	C	C	C	C	C	C	C	C	C	C

WAZ Award Progress Filter

Band: ANY ☐ Unworked ☐ Worked ☐ Requested ☒ Confirmed ☒ Verified All

Mode: MIXED Report

CQ Zone 10 Progress Details

	160m	80m	40m	30m	20m	17m	15m	12m	10m	6m
SSB	W	C	W		C	C	C	C	C	C
CW	C	C	C	C	C	C	C	C	W	C
RTTY			W		C		C		C	
AM										
SSTV										
DIGITAL			C		C					

Key

- W - worked
- Q - queued
- R - requested
- C - confirmed
- V - verified

DXKeeper: bij QSL soort

AA6YQ DXCC Progress by QSL Kind 2010-10-07 - Notepad

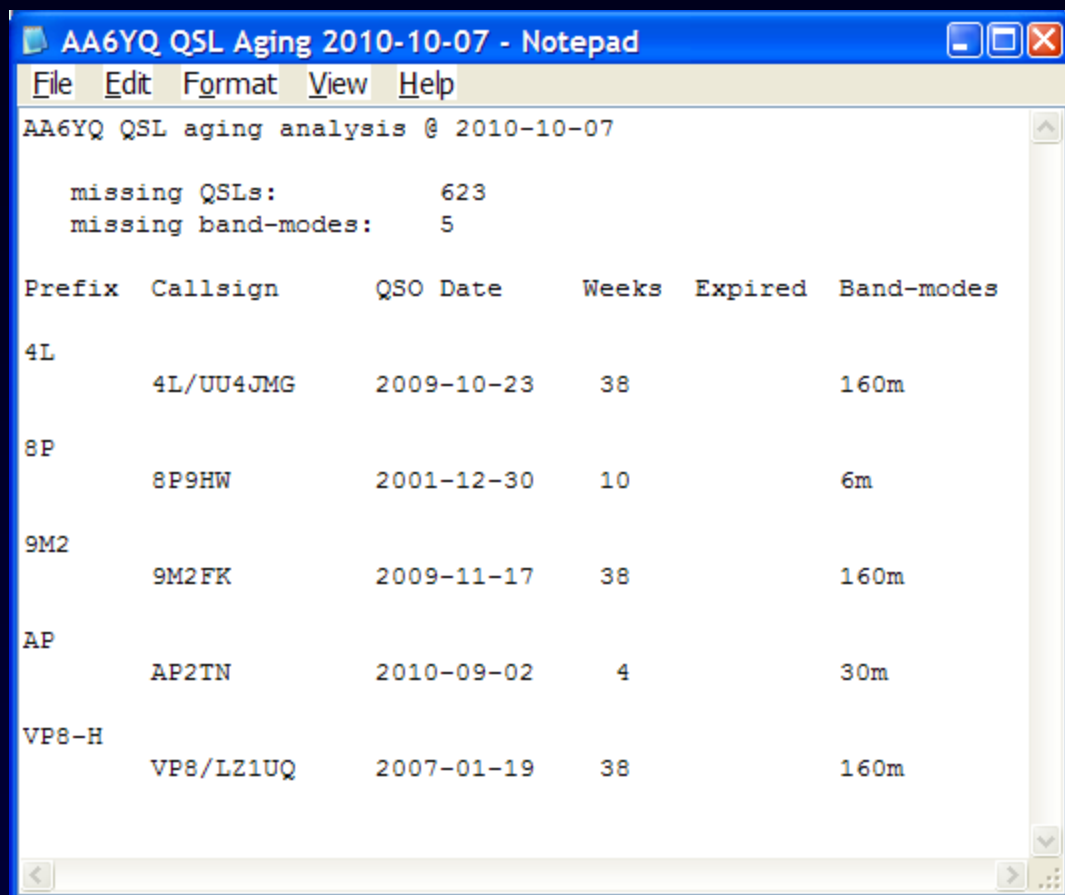
File Edit Format View Help

AA6YQ DXCC Progress by QSL Kind Report 2010-10-07

Filter: none

	Worked	QSL cards Confirmed	eQSL.cc Confirmed	LotW Confirmed	ARRL* Confirmed	QSL cards Verified	LotW Verified	ARRL* Verified
HR Mixed	338	338	191	291	338	338	32	338
HR Phone	338	337	119	192	338	337	6	338
HR CW	336	336	154	261	336	335	31	336
HR RTTY	326	324	111	152	326	321	5	326
Mixed	343	343	192	293	343	343	32	343
Phone	343	342	119	193	343	342	6	343
CW	340	340	155	263	340	339	31	340
RTTY	326	324	111	152	326	321	5	326
PSK31	115	46	68	55	70	3	0	3
160M	218	205	45	116	215	191	16	207
80M	297	293	49	115	297	281	11	292
40M	330	329	83	143	329	323	4	327
30M	304	299	39	116	303	290	8	298
20M	340	340	145	200	340	340	5	340
17M	331	328	60	126	331	323	7	330
15M	336	335	70	127	336	334	3	336
12M	313	310	47	98	312	310	2	312
10M	322	321	43	91	322	321	1	322
6M	89	88	31	38	88	86	1	87
2M	5	4	2	1	4	2	0	2

DXKeeper: QSL tijdsduur



AA6YQ QSL aging analysis @ 2010-10-07

missing QSLs: 623
missing band-modes: 5

Prefix	Callsign	QSO Date	Weeks	Expired	Band-modes
4L	4L/UU4JMG	2009-10-23	38		160m
8P	8P9HW	2001-12-30	10		6m
9M2	9M2FK	2009-11-17	38		160m
AP	AP2TN	2010-09-02	4		30m
VP8-H	VP8/LZ1UQ	2007-01-19	38		160m

DXKeeper: DXCC indiening

AA6YQ DXCC Record Sheet 2006-08-22.txt - Notepad

File Edit Format View Help

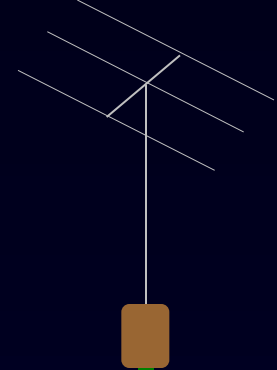
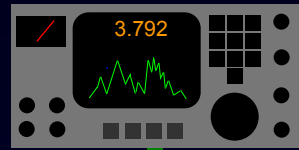
AA6YQ DXCC QSL Card Record Sheet 2006-08-22

	Call	QSO Date	Band	Mode	Entity
0001	3Y0X	14-02-2006	160M	CW	Peter I Island
0002	4U1UN	28-11-2004	160M	CW	United Nations
0003	9G5TF	23-10-2005	160M	CW	Ghana
0004	IS0/K7QB	27-10-2005	160M	CW	Sardinia
0005	JW5NM	12-01-2006	160M	CW	Svalbard Island
0006	K7C	05-10-2005	160M	CW	Kure Island
0007	RU9WX	20-12-2005	160M	CW	Asiatic Russia
0008	TA3D	10-02-2002	160M	CW	Turkey
0009	TF4M	10-01-2005	160M	CW	Iceland
0010	ZB2FK	22-02-2006	160M	CW	Gibraltar
0011	ZL2BSJ	05-02-2006	160M	CW	New Zealand
0012	SV9/IK8UND	28-10-2005	160M	SSB	Crete
0013	C91CW	07-08-2005	80M	CW	Mozambique
0014	R1MVG	19-11-2005	80M	CW	Malyj Vysotskij Island
0015	9N7JO	04-02-2006	80M	SSB	Nepal
0016	N3KS/KP5	16-12-2005	80M	SSB	Desecheo Island
0017	VK9CG	08-11-2005	40M	CW	Cocos-Keeling Island
0018	YA8G	24-04-2004	40M	CW	Afghanistan
0019	3B8CF	08-09-2000	30M	CW	Mauritius Island
0020	3G1M	08-10-2005	30M	CW	Chile
0021	BQ9P	14-10-2003	30M	CW	Pratas Island
0022	D2DX	05-01-2006	30M	CW	Angola
0023	ER60EM	24-08-2004	30M	CW	Moldova
0024	JW/DL3NRV	26-08-1999	30M	CW	Svalbard Island
0025	K7C	04-10-2005	30M	CW	Kure Island
0026	MW/DJ60I/P	01-08-2005	30M	CW	Wales
0027	N3KS/KP5	17-12-2005	30M	CW	Desecheo Island
0028	P29HI	25-10-2005	30M	CW	Papua New Guinea
0029	UA2FCC	13-09-2004	30M	CW	Kaliningrad
0030	XU7AYY	24-10-2005	30M	CW	Cambodia
0031	Z34M	15-02-2006	30M	CW	Macedonia
0032	K7C	30-09-2005	20M	RTTY	Kure Island
0033	3Y0X	10-02-2006	17M	RTTY	Peter I Island
0034	VU4AN/VU3NZB	19-04-2006	17M	RTTY	Andaman and Nicobar Islands
0035	JD1XBJ	08-07-2005	17M	SSB	Minami Torishima
0036	K7C	26-09-2005	17M	SSB	Kure Island
0037	K7C	03-10-2005	15M	CW	Kure Island
0038	3Y0X	13-02-2006	12M	CW	Peter I Island
0039	EM1HO	21-08-2004	12M	CW	Antarctica
0040	4J6ZZ	03-05-2003	12M	SSB	Azerbaijan Republic
0041	EZ8AQ	09-02-2001	12M	SSB	Turkmenistan
0042	K3LP/KP5	17-12-2005	12M	SSB	Desecheo Island
0043	J3/K5AND	02-07-2005	6M	CW	Grenada
0044	HI8ROX	29-06-2006	6M	SSB	Dominican Republic
0045	PZ5RA	30-12-2001	6M	SSB	Suriname

DXKeeper: DXCC kredietmanagement

- Vergelijk toegekend DXCC krediet aan gelogde QSO's
- Download toegekend DXCC krediet van de ARRL
 - Verbind DXCC krediet aan gelogde QSO's
 - Update gelogde QSO's voor weerspiegeling toegekend DXCC krediet.

De DXLab Suite



WinWarbler

Commander

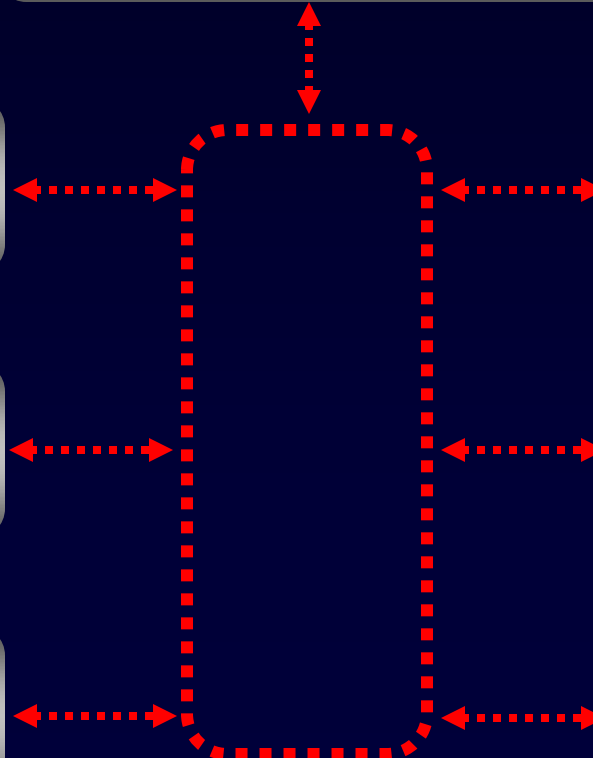
DXView

DXKeeper

SpotCollector

PropView

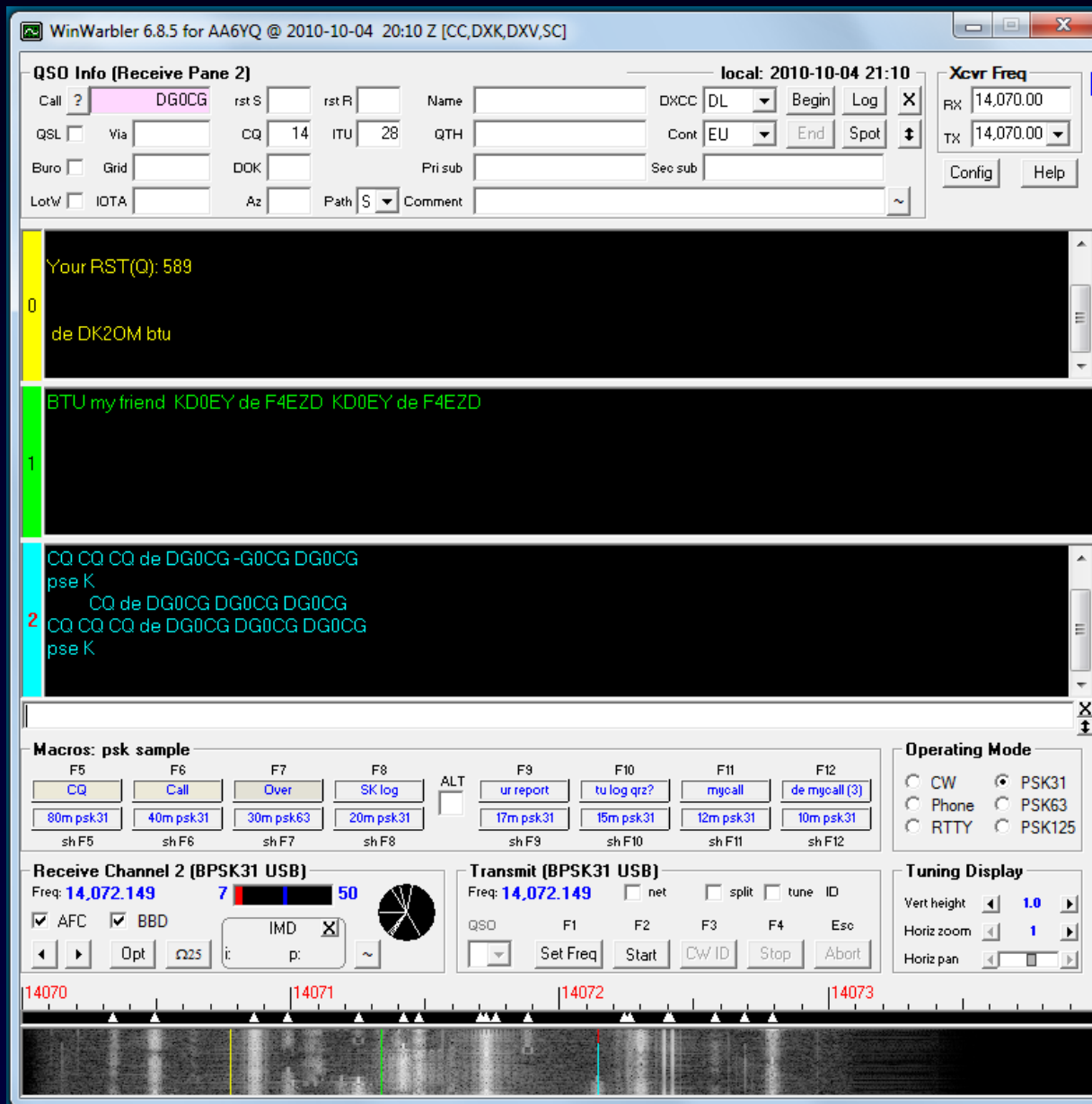
Pathfinder



WinWarbler

- Ondersteunt PSK31, PSK63, PSK125, RTTY, CW, en Phone
- 32 macro's, uitgebreide macrotaal
- Logboekregistratie
- Transceiver controle

WinWarbler: PSK31/63/125 ondersteuning



PSK31/63/125 Breedband-decoding

WinWarbler Channel Monitor							
chan	frequency	quality	strength	call	de call		data
03							
04							
05	14070.263	85	61				r this Bid yĭe a veryngood Ūning and been my ple3asure to have let you Hope
06	14070.379	83	52	CQ	YU7VUK		VUK pse K CQ CQ CQ de YU7VUK YU7VUK YU7VUK pse K eoo CQ CQ CQ de YU7VUK YU7VUK
07							
08				CQ	F4EAN		
09							
10				CQ	EB5DXJ		F
11				W4RIG	9A2O		
12							Si
13	14070.844	83	71	EA4KD	UR5FOG	DE UR5FOG GE DR FRIENDE FROM BOADILLA DEL MONTE ! TKS VY MUCH FR UR CALL ! UR RS	
14							V
15	14070.983	88	60	JA1OY		JA1OY de Ir reRVG Hi OM tnx o er call ur rsq 599 599 m	
16							
17	14071.133			PD9HJ	M6MGT		AIhW We have caunad
18	14071.207	25	39	CQ	OZ1PO		lus es I usith a bunc
19	14071.268	53	44	CQ	OZ1GEJ		Ede CQ CQ CQ CQ de OZ1A
20	14071.414	94	62	CQ	EA7IM		ietaa 7im CQ CQ CQ de ea7im ea7im e
21	14071.463	45	44	CQ	CO2VE		CQ CQ de CO2V CO2OCECQ CQ CQ de CO2VE CO2VE CO2VE ki
22							
23				CQ	G3PGA		
24	14071.653	54	33	K1RJL	IZ8DSY		iuseppe best wishes to you andt ourA
25							C
26	14071.756	76	60	OZ2BAC	CT2KAV	E SANTARÉM PORUGAL LOCATOR IM59OE IM59OE I iFO	WWW Q Z C
27	14071.850	94	70			HAVE A IC 7000 FOR CW WHICH I ENJOY BUT KEEP THIS OLD KENWOOD FOR DIGITAL STUF	
28	14071.938	89	65	CQ	CQ	t CQ DX de 2E0GHQ 2E0GHQ CQ CQ DX de 2E0GHQ CQ	
29							
30	14072.091	35	31	WB1ATZ	CU7AJ	O on 20m WB1ATZ de CU7AJ sk el tt ot1K} ecPSP KB1PSP iJ K b fe à ont an ny e	
31	14072.177			WP4HSZ	HK1W		
32							
33							
34							
35	14072.476	8		DL2LBO	CO2WP		PZ
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							

PSK31/63/125 Breedband-decoding

WinWarbler Stations Heard							
Search		DS		Opt		Config	Help
* call	frequency	qual	strength	age	#	with	data
2E0GHQ	14071.963	81	48	000	16	CQ	CQ DX de 2E0GHQ 2E0GHQ **OUTSID EUROPE** PSE K e
CO2VE	14071.463	50	37	003	04	CQ	im ea7im CQ CQ CQ de ea7im ea7im ea7im PSE K r
CO2WP	14072.478	90	62	002	06	DL1BQR	Ch
CT1ETP	14071.141	80	61	001	04	PV8ADI	a
CT2KAV	14071.756	86	51	004	03	OZ2BAC	W8RZN W8RZN DE YO9BPX YO9BPX YO9BPX PSE K
CU7AJ	14072.092	30	12	000	12	HP1KZ	KZ de CU7AJ Hi OM
DL1APM	14071.307	65	51	001	02	CQ	"LU7
EA4KD	14070.842	91	78	000	07	UR5FOG	PRONTO ! UR5FOG GALIL A p A9HASTA PRONTO GALINA 8
EA7IM	14071.412	96	71	000	20	CQ	? QRZ? de IZ1NQY IZ1NQY IZ1NQY pse kn eit ea
EB5DXJ	14070.642	90	66	001	10	PY2AF	e My QSL is OK via the bureau or direct no eQSL
F4EAN	14070.480	83	51	004	06	CQ	e
F4FFH	14070.962	93	65	000	03	CQ	Q CQ de F4FFH F4FFH F4FFH CQ CQ de F4FFH F4F
G3PGA	14071.579	73	14	002	09	N1QEH	g with Win 7 Pro MixW 2 20 (Reg) Interface US Na
G6UZY	14070.454	80	54	000	03	CQ	
HK1W	14072.198	78	38	004	03	WP4HSZ	DA
HP1KZ	14072.090	85	36	000	03	CU7AJ	KZ de CU7AJ Hi OM
IZ1NQY	14071.342	90	57	000	02	QRZ?	? QRZ? de IZ1NQY IZ1NQY IZ1NQY pse kn eit ea
IZ5RVG	14070.983	82	46	001	02	JA1OYY	F4F
IZ8DSY	14071.652	91	43	000	14	CQ	Q CQ DE IZ8DSY IZ8DSY IZ
K3ML	14071.489	61	56	000	07	K3ML	ZDG pse kn h K3ML K3ML de W1LQJ W1LQJ pse k pg3
M6FWOE	14071.309	59	26	000	01	LU7HEO	"LU7
ON4ADG	14072.171	88	62	002	02	CQ	DA
ON5IK	14072.093	89	65	000	02	HP1KZ	KZ de CU7AJ Hi OM
PA0BHD	14071.975	95	60	002	03	CQ	t
PA2G	14072.354	84	40	002	08	CQ	û W
PA38ZDG	14071.489	47	60	000	01	K3ML	ZDG pse kn h K3ML K3ML de W1LQJ W1LQJ pse k pg3
PA3ZDG	14070.994	66	79	001	06	CQ	F4F
PD0MJC	14071.814	95	65	001	08	CQ	W8RZN W8RZN DE YO9BPX YO9BPX YO9BPX PSE K
PD9HJ	14071.135	71	52	005	03	CQ	a
TA1BX	14071.470	85	53	001	06	CQ	
UR5FOG	14070.845	78	53	005	04	EA4KD	PRONTO ! UR5FOG GALIL A p A9HASTA PRONTO GALINA 8
W1LQJ	14071.488	91	58	000	04	K3ML	ZDG pse kn h K3ML K3ML de W1LQJ W1LQJ pse k pg3
YO9BPX	14071.812	94	55	000	02	W8RZN	W8RZN W8RZN DE YO9BPX YO9BPX YO9BPX PSE K
YU7VUK	14070.379	83	52	003	06	CQ	o

WinWarbler RTTY ondersteuning

- Geluidskaart RTTY
 - gebruikt JE3HHT's MMTTY engine (*8)
- Externe modem: diversiteit decoderen
 - KAM
 - PK232
 - PK900
 - MFJ
 - SCS

WinWarbler RTTY ondersteuning

WinWarbler 6.8.5 for AA6YQ @ 2010-10-04 20:04 Z [CC,DXK,DXV,SC]

QSO Info (Receive Pane 0) local: 2010-10-04 21:04

Call ? rst S rst R Name DXCC Begin

QSL ☐ Via CQ ITU QTH Cont End

Buro ☐ Grid Pri sub Sec sub

LotW ☐ IOTA Az Path Comment

Xcvr Freq
RX
TX

E ISAVE FUN WITVTHE RADIO
MORE INFOS ON QRZ.COM AND FACEBOOK.COM
VE5TLW DE LX8RTTY
PSE K

Macros: rtty sample

F5	F6	F7	F8	ALT	F9	F10	F11	F12
CQ	Call	Over	SK log	☐	ur rpt	tu log qrz?	de mycall	mycall (3)
80m	40m	30m	20m		17m	15m	12m	10m
sh F5	sh F6	sh F7	sh F8		sh F9	sh F10	sh F11	sh F12

RTTY receive (soundcard)
Freq: **14.085.085**
☐ AFC ☐ Notch ☐ BPF ☒ DPF ☐ Reverse
Def Profile
Signal level & squelch

RTTY transmit (soundcard)
Freq: **14.085.085** ☒ net ☐ tune
F2 F4 Eso
☐ Reverse

Operating Mode
☐ CW ☐ PSK31
☐ Phone ☐ PSK63
☒ RTTY ☐ PSK125

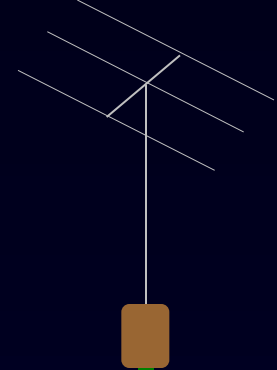
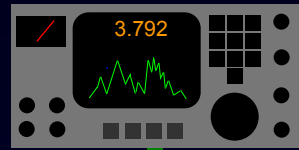
Tuning Display
Vert height
Horiz zoom
Horiz pan

14084 14085 14086 14087

WinWarbler

- CW transmissie
 - software-gegenereerd
 - WinKey
 - externe modem
- Phone stem keyer
- Logboekregistratie
 - Ingebouwde minilog
 - Automatische loggen naar DXKeeper als het is gestart
- Transceiver controle via Commander
 - Logs hebben juiste frequentie's
 - Eén-klik QSY voor optimalisatie toon binnen transceiver bandbreedte
 - RX-TX schakelen

De DXLab Suite



WinWarbler

Commander

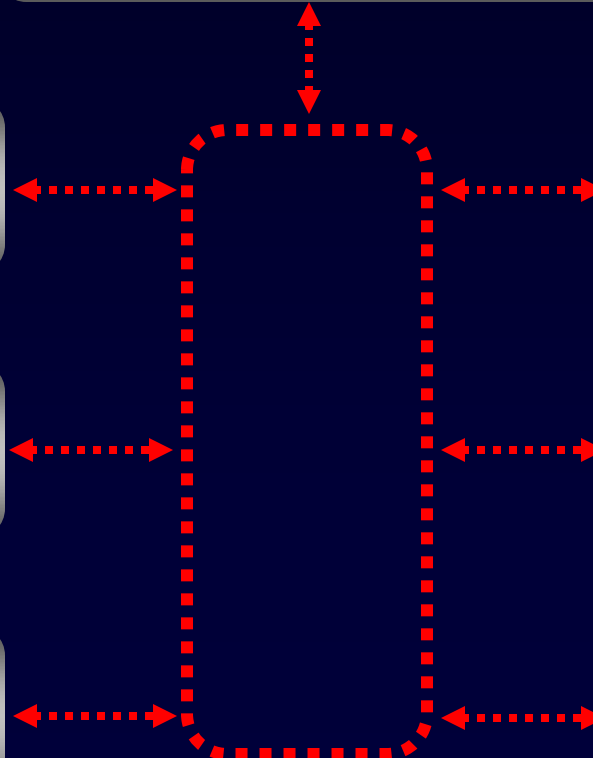
DXView

DXKeeper

SpotCollector

PropView

Pathfinder



SpotCollector

- Verbinding tot zes spot bronnen
 - Vier telnet clusters
 - DX Summit web cluster
 - Locale packet cluster via externe TNC
- Ontvangt DX spots en plaats ze in een database met **een vermelding voor ieder actief DX station**
- Markeer en kondigt “nodige” (needed) stations aan
 - DXCC, Challenge, & TopList
 - CQ Marathon
 - CQ WAZ
- Ontvangt WWV spots

SpotCollector: DX Spot Database

- Elimineert nep spots (B0ZO, SL1M, etc.)
- Combineert spots van hetzelfde DX station
- Filters database bij
 - Need • Frequentie • Continent
 - Callsign • Band • Origin
 - Country • Mode • Afstand van het spot station
- Kleuren database
 - bij Need
 - bij LotW deelname en datum laatste upload
 - bij eQSL AG lidmaatschap
 - bij Callsign matching
- Plots
 - Spots en QSO's in DXView's wereld kaart
 - Spots in Commander's bandbreedte

SpotCollector: DX Spot Database

SpotCollector 5.3.9 @ 2010-10-07 17:31 Z [CC,DXK,DXV,WW] (log: AA6YQ.mdb)

WWV 10-07 1506 Z

SFI 74 History

Q: 0 A 6 2 K

Outgoing spot

Call 7,002.0 Freq Cluster

Notes X Local

Spot source status

Report Stats Config Help

Call	Sign	Pfx	Freq	QSY	Band	Mode	First	Last	CQ	ITU	IOTA	Region	Azimuth	NAE	NAM	NAW	SA	EU	AF	AS	OC	UN	LastOrigin	Source	Notes
ZS6GRL	ZS		21,070.4		15M	PSK	07 1641	07 1728	38	57		South Africa	108					Y					EU	MM0GZZ	BPSK31 nice strong qso
PY2FDX	PY		28,460.0		10M	SSB	07 1722	07 1728	11	15		Sao Paulo	158					Y					EU	F5DQK	55 QSB
FR1LB	FR-R		14,140.0		20M	CW	07 1636	07 1729	39	53	AF-016	Reunion Island	80					Y	Y				EU	PD2YA	TNX FOR 58 QRP
GM0BKC/M	GM		14,219.0		20M	SSB	07 1722	07 1729	14	27		Scotland	47					Y					EU	EA1HVV	5/9 Thank Paul
EA1HLW	EA		7,140.0		40M	CW	07 1729	07 1729	14	37		Spain	68					Y					EU	EA7IC	5/9-73 ANGELES FROM
OZ1GX	OZ		28,022.0		10M	CW	07 1729	07 1729	14	18		Denmark	43					Y					EU	OZ3BJ	cq nac J04
9M6DXX	9M6		14,265.0	14,270.0	20M	SSB	07 1729	07 1729	28	54		East Malaysia	351					Y					EU	EA7GWA	5/9 5 up
YU1KN	YU		7,146.0		40M	CW	07 1729	07 1729	15	28		Serbia	52					Y					EU	DL2BK	Sase KN0
VU0WFF	VU		7,006.3		40M	CW	07 1715	07 1729	22	41		India	26					Y		Y			EU	UR5IAW	VUFF-101
DJ5KX/P	DL		7,018.0		40M	CW	07 1730	07 1730	14	28		Germany	50					Y					EU	DL0AD	DLFF-112
9M6DXX/P	9M6		14,265.0	14,270.0	20M	SSB	07 1701	07 1731	28	54		East Malaysia	351			Y		Y					NA-W	KB6NAN	simplex now IOTA OC-1
OJ0B	OJ0		7,003.0	7,004.9	40M	CW	07 1620	07 1731	15	18	EU-053	Market Reef	37					Y		Y			EU	ON4LO	up JP90
UN7QX	UN		10,108.0		30M	CW	07 1731	07 1731	17	31		Alma-Atinskaya	18					Y					EU	S52DD	MN83
JT5DX	JT		3,504.0	3,505.3	80M	CW	07 1706	07 1731	23			Mongolia	1					Y		Y			EU	PA4VHF	up1.3 sri freq
OH8A	OH		28,032.0		10M	CW	07 1731	07 1731	15	18		Finland	36					Y					EU	SK2AT	NAC CW
EB2GPF	EA		7,115.0		40M	CW	07 1731	07 1731	14	37		Spain	68					Y					EU	EA2DT	5/9 TNX Miguel

Sort

Filter: Band and Mode and Origin

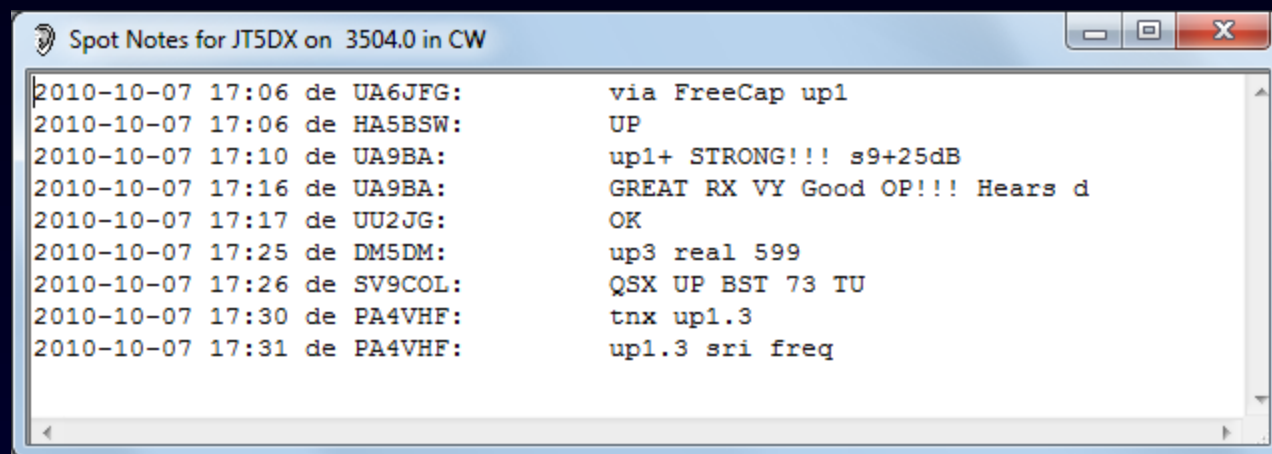
AutoHide Audio LotW eQSL ALT

SQL 1 SQL 2 SQL 3 SQL 4 SQL 5 SQL 6 SQL 7 SQL 8

Color codes

verified unneeded unconfmd unvrkd B or M unvrkd counter special tag LotW eQSL AG LotW & eQSL AG

SpotCollector: Cumulative Spot Notices



SpotCollector: DX Spot Database

SpotCollector 5.3.9 @ 2010-10-07 17:31 Z [CC,DXK,DXV,WW] (log: AA6YQ.mdb)

WWV 10-07 1506 Z

SFI 74 History

Q: 0 A 6 2 K

Outgoing spot

Call 7,002.0 Freq Cluster

Notes X Local

Spot source status

Report Stats Config Help

Call	Sign	Pfx	Freq	QSL	Band	Mode	First	Last	CQ	ITU	IOTA	Region	Azimuth	NAE	NAM	NAW	SA	EU	AF	AS	OC	UN	LastOrigin	Source	Notes
ZS6GRL	ZS		21,070.4		15M	PSK	07 1641	07 1728	38	57		South Africa	108					Y					EU	MM0GZZ	BPSK31 nice strong qso
PY2FDX	PY		28,460.0		10M	SSB	07 1722	07 1728	11	15		Sao Paulo	158					Y					EU	F5DQK	55 QSB
FR1LB	FR-R		14,140.0		20M	CW	07 1636	07 1729	39	53	AF-016	Reunion Island	80					Y	Y				EU	PD2YA	TNX FOR 58 QRP
GM0BKC/M	GM		14,219.0		20M	SSB	07 1722	07 1729	14	27		Scotland	47					Y					EU	EA1HVV	5/9 Thank Paul
EA1HLW	EA		7,140.0		40M	CW	07 1729	07 1729	14	37		Spain	68					Y					EU	EA7IC	5/9-73 ANGELES FROM
OZ1GX	OZ		28,022.0		10M	CW	07 1729	07 1729	14	18		Denmark	43					Y					EU	OZ3BJ	cq nac J04
9M6DXX	9M6		14,265.0	14,270.0	20M	SSB	07 1729	07 1729	28	54		East Malaysia	351					Y					EU	EA7GWA	5/9 5 up
YU1KN	YU		7,146.0		40M	CW	07 1729	07 1729	15	28		Serbia	52					Y					EU	DL2BK	Sase KN0
VU0WFF	VU		7,006.3		40M	CW	07 1715	07 1729	22	41		India	26					Y		Y			EU	UR5IAW	VUJFF-101
DJ5KX/P	DL		7,018.0		40M	CW	07 1730	07 1730	14	28		Germany	50					Y					EU	DL0AD	DLFF-112
9M6DXX/P	9M6		14,265.0	14,270.0	20M	SSB	07 1701	07 1731	28	54		East Malaysia	351			Y		Y					NA-W	KB6NAN	simplex now IOTA OC-1
OJ0B	OJ0		7,003.0	7,004.9	40M	CW	07 1620	07 1731	15	18	EU-053	Market Reef	37					Y		Y			EU	ON4LO	up JP90
UN7QX	UN		10,108.0		30M	CW	07 1731	07 1731	17	31		Alma-Atinskaya	18					Y					EU	S52DD	MN83
JT5DX	JT		3,504.0	3,505.3	80M	CW	07 1706	07 1731	23			Mongolia	1					Y		Y			EU	PA4VHF	up1.3 sri freq
OH8A	OH		28,032.0		10M	CW	07 1731	07 1731	15	18		Finland	36					Y					EU	SK2AT	NAC CW
EB2GPF	EA		7,115.0		40M	CW	07 1731	07 1731	14	37		Spain	68					Y					EU	EA2DT	5/9 TNX Miguel

Sort

Filter: Band and Mode and Origin

AutoHide Audio LotW eQSL ALT

SQL 1 SQL 2 SQL 3 SQL 4 SQL 5 SQL 6 SQL 7 SQL 8

Color codes

verified unneeded unconfmd unvrkd B or M unvrkd counter special tag LotW eQSL AG LotW & eQSL AG

SpotCollector: “Nodig” (Needed)

SpotCollector 5.3.9 @ 2010-10-07 17:33 Z [CC,DXK,DXV,WW] (log: AA6YQ.mdb)

WWV 10-07 1506 Z

SFI 74 History

Q: 1 A 6 2 K

Outgoing spot

Call 7,002.0 Freq

Notes X Local

Spot source status

☐ ☐ ☐ ☐ ☐

Call	Sign	Pfx	Freq	QSO	Band	Mode	First	Last	CQ	ITU	IOTA	Region	Azimuth	NAE	NAM	NAW	SA	EU	AF	AS	OC	UN	LastOrigin	Source	Notes
KH2	N2NL	KH2	1,817.5		160M	CW	07 1123	07 1128	27	64	OC-026	Guam and Mariana I	321	Y	Y					Y			NA-E	K3TW/4	579 on 80m dipole in FL
XU7	ACY	XU	1,815.0		160M	CW	07 1054	07 1149	26	49		Cambodia	4	Y						Y			AS	XU7TZG	cq
VK8	VF/B	VK	50,310.0		6M	FM	07 1200	07 1200	29	55		Northern Territory	308						Y				AS	JE6AZU	539
BT4	EXP0	BY	1,815.0		160M	CW	07 1227	07 1227	24	44		Shang Hai	349							Y			AS	UA0BA	
VK8	MS	VK	50,110.0		6M	SSB	07 1228	07 1228	29	55		Northern Territory	308							Y			AS	JE6AZU	59 IN PM51 P
BU2	AQ	BV	1,822.6		160M	CW	07 1317	07 1317	24	44		Taiwan	346			Y							NA-W	N6VR/7	cq, now 559
JT5	DX	JT	3,504.1		80M	CW	07 1330	07 1353	23			Mongolia	1			Y				Y			NA-W	N6ZN	459 n. ca
9M6	XRD/P	9M6	10,107.3		30M	CW	07 1449	07 1449	28	54		East Malaysia	351					Y					EU	DL4NY	OC133 Tks John & Stev
9M6	DX/P	9M6	10,104.0	10,105.0	30M	CW	07 1450	07 1450	28	54		East Malaysia	351					Y					EU	RA7A	UP
V85	TL	V8	3,504.0		80M	CW	07 1516	07 1516	28	54		Brunei	351					Y					EU	SM5CRV	cq
V85	TL	V8	10,107.4		30M	CW	07 1524	07 1524	28	54		Brunei	351			Y							NA-W	KD7H	now hr clg CQ
V85	TL	V8	10,103.1		30M	CW	07 1528	07 1602	28	54		Brunei	351			Y		Y					EU	SP9CDA	Tnx
9M6	XRD/P	9M6	10,104.0	10,107.0	30M	CW	07 1415	07 1720	28	54		East Malaysia	351		Y	Y		Y		Y			EU	LZ2NP	up
JT5	DX	JT	3,504.0	3,505.3	80M	CW	07 1706	07 1731	23			Mongolia	1					Y		Y			EU	PA4VHF	up1.3 sri freq

Sort

☐ First ☐ Call ☒ Last ☐ Freq ☐ Rcv ☐ Az

Filter: Band and Mode and Origin and [entity- band or mode unworked]

AutoHide ☐ Audio ☐ LotW ☐ eQSL ☐ ALT ☐

SQL 1 SQL 2 SQL 3 SQL 4 SQL 5 SQL 6 SQL 7 SQL 8

Color codes

☐ verified ☐ unneeded ☐ unconfmd ☐ unwrkd B or M ☐ unwrkd counter ☐ special tag ☐ LotW ☐ eQSL AG ☐ LotW & eQSL AG

SpotCollector: “Nodig” (Needed) en gespot van NA-E

SpotCollector 5.3.9 @ 2010-10-07 17:34 Z [CC,DXK,DXV,WW] (log: AA6YQ.mdb)

WWV 10-07 1506 Z

SFI 74 History

Q: 0 A 6 2 K

Outgoing spot

Call 7,002.0 Freq

Notes X Local

Spot source status

Report Stats Config Help

Call	Sign	Pfx	Freq	QSL	Band	Mode	First	Last	CQ	ITU	IOTA	Region	Azimuth	NAE	NAM	NAW	SA	EU	AF	AS	OC	UN	LastOrigin	Source	Notes
KH2	N2NL	KH2	1,817.5		160M	CW	07 1123	07 1128	27	64	OC-026	Guam and Mariana I	321	Y	Y					Y			NA-E	K3TW/4	579 on 80m dipole in FL
XU7	ACY	XU	1,815.0		160M	CW	07 1054	07 1149	26	49		Cambodia	4	Y						Y			AS	XU7TZG	cq

Sort

Filter: Band and Mode and Origin and [entity- band or mode unworked]

Color codes

verified unneeded unconfirmed

unwrkd B or M unwrkd counter special tag

LotW eQSL AG LotW & eQSL AG

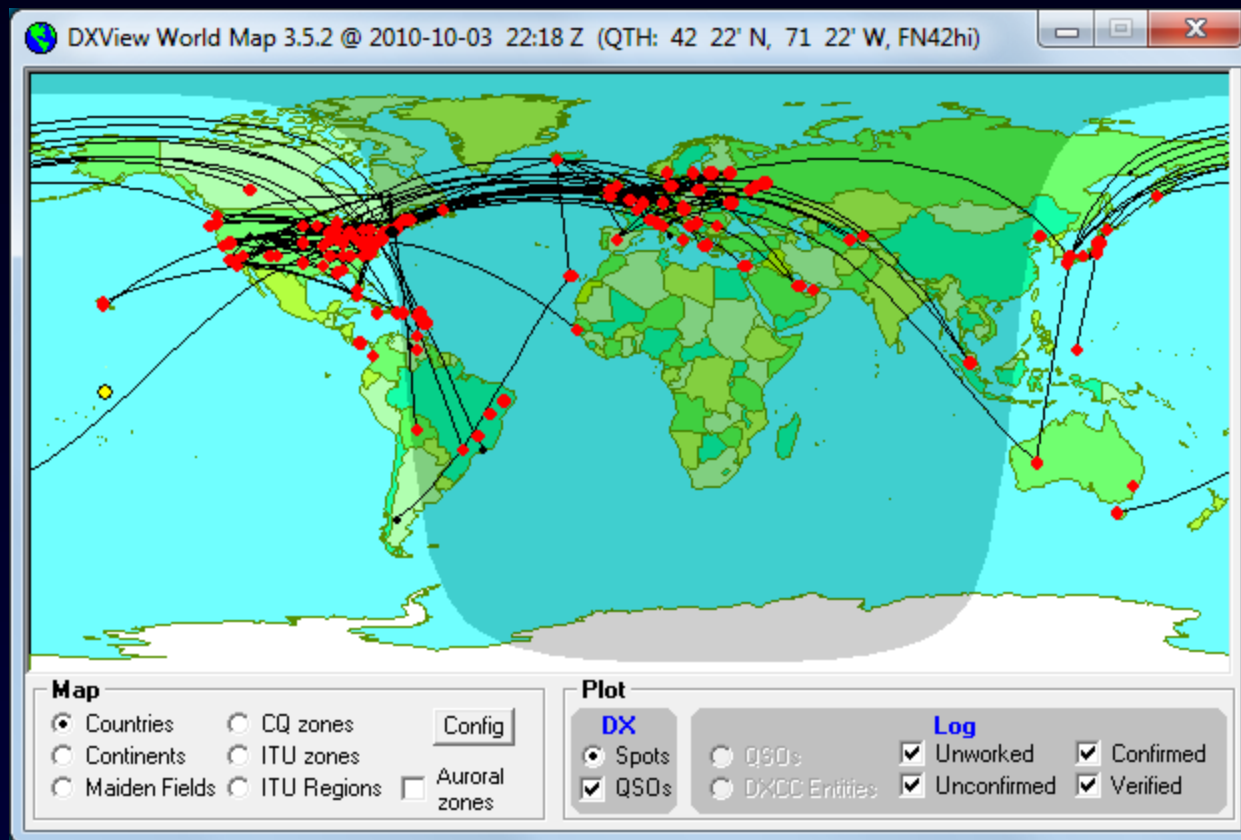
SQL 1 SQL 2 SQL 3 SQL 4 SQL 5 SQL 6 SQL 7 SQL 8

North American East coast
North American Midwest
North American West coast
South America, Europe
Africa
Asia
Oceania)

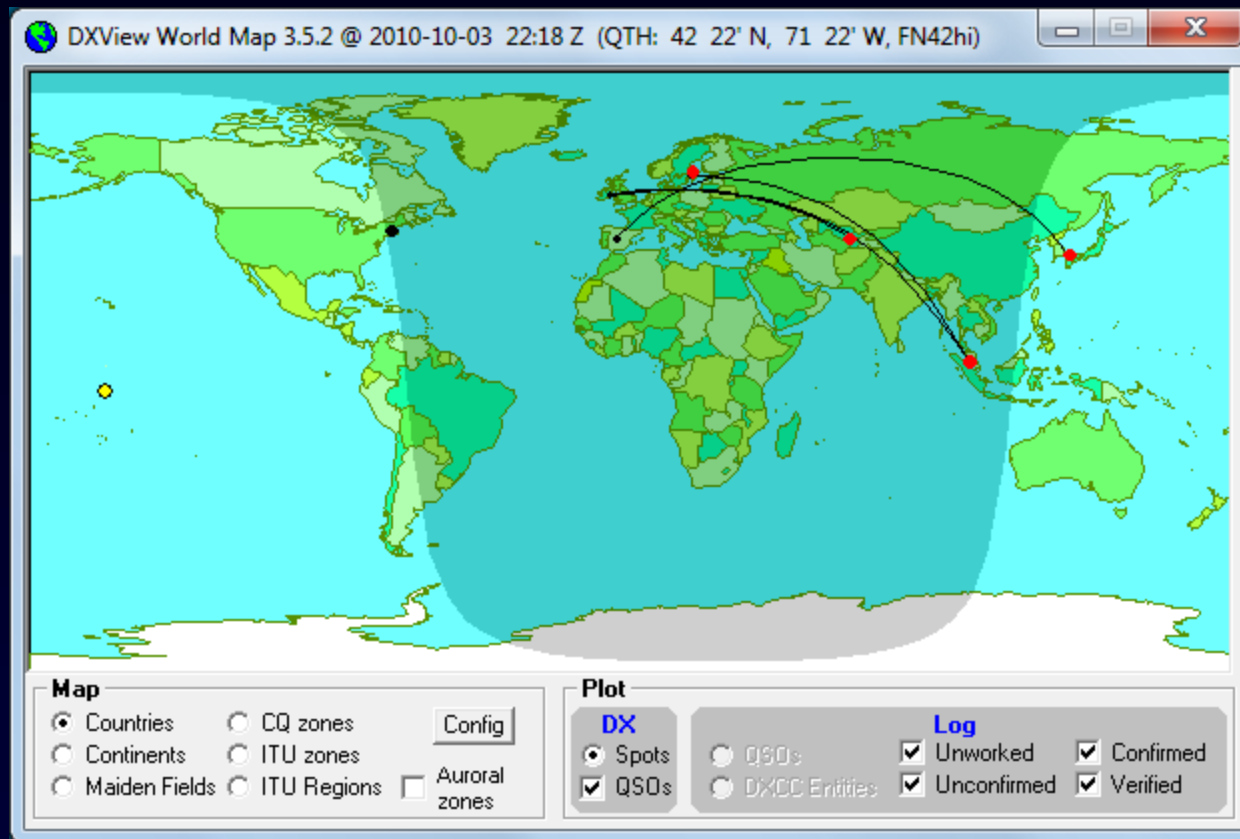
SpotCollector: DX Spot Database

- Elimineert nep spots (B0ZO, SL1M, etc.)
- Combineert spots van hetzelfde DX station
- Filters database bij
 - Need
 - Frequentie
 - Continent
 - Callsign
 - Band
 - Origin
 - Country
 - Mode
 - Afstand van het spot station
- Kleuren database
 - bij Need
 - bij LotW deelname en datum laatste upload
 - Bij eQSL AG lidmaatschap
 - bij Callsign matching
- Plots
 - Spots en QSO's in DXView's wereld kaart
 - Spots in Commander's bandbreedte

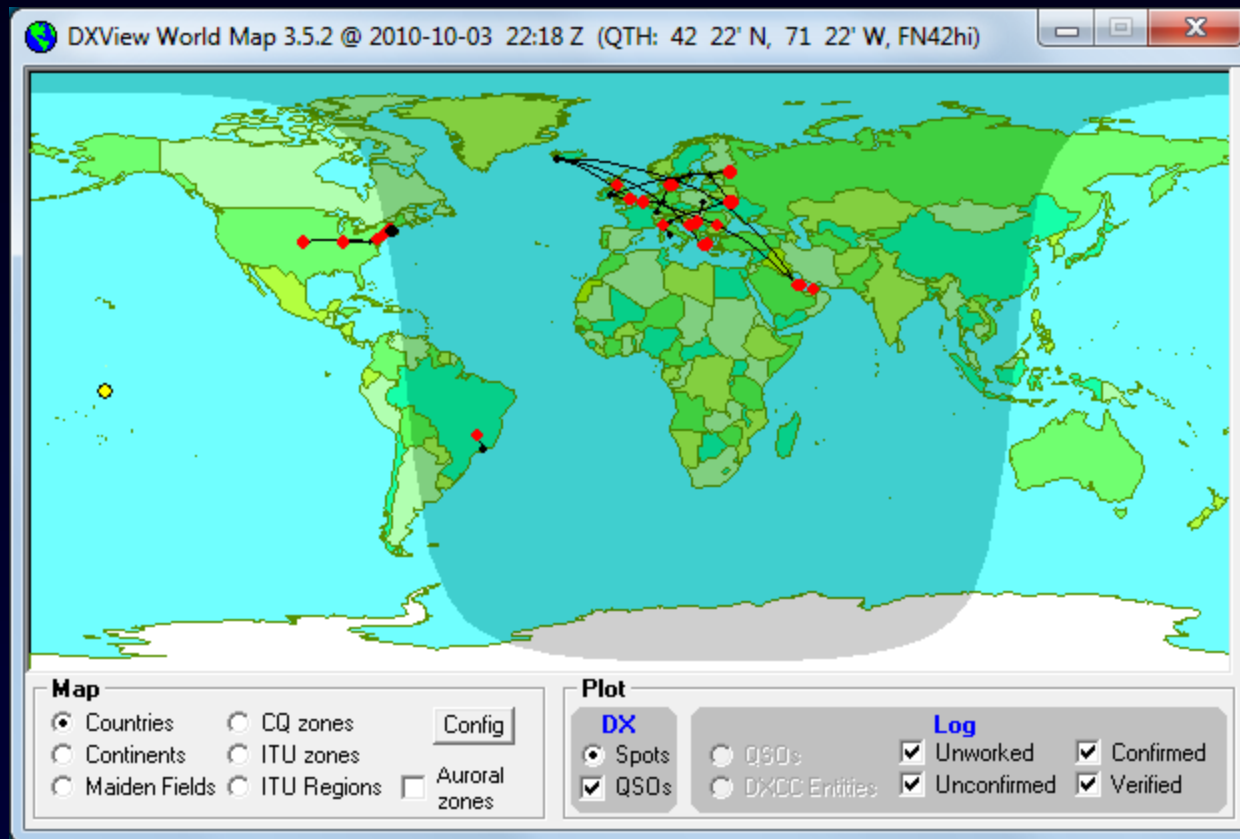
SpotCollector: Plotted DX



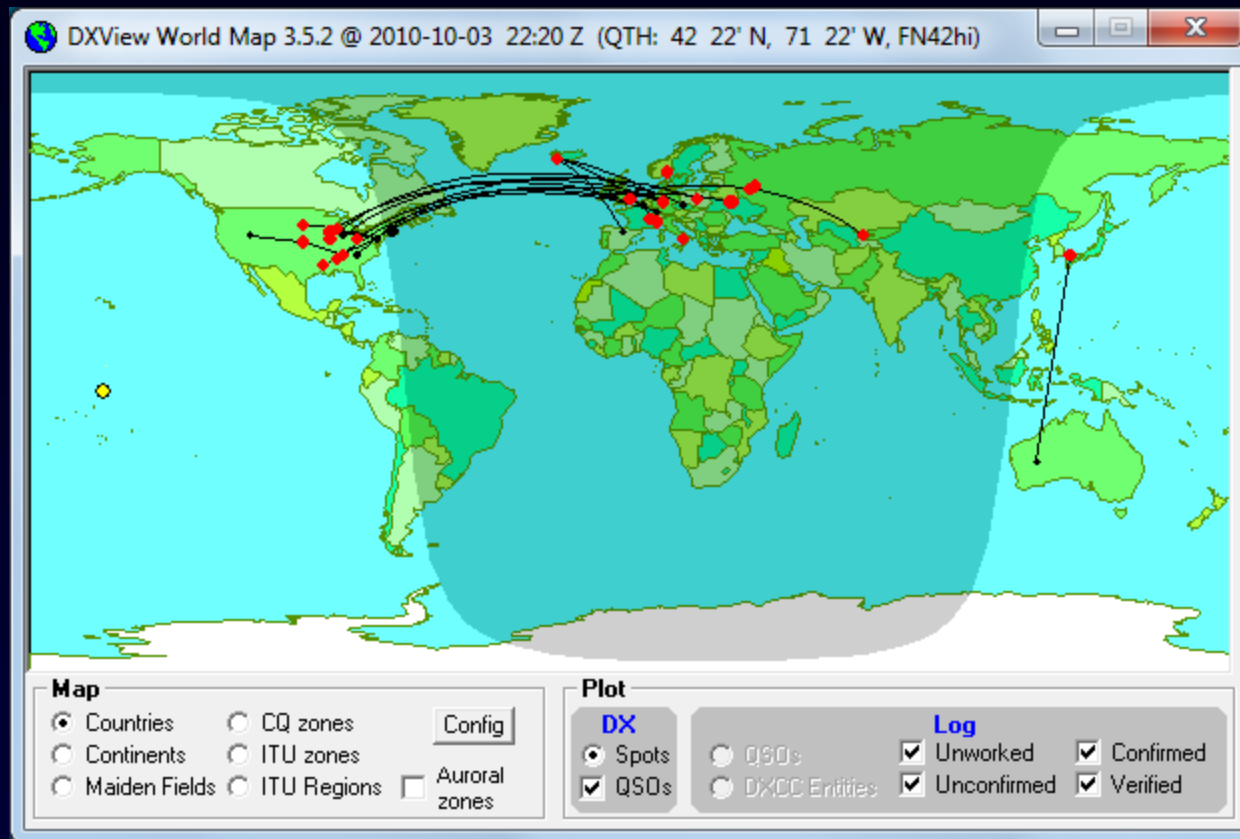
SpotCollector: Plotted 160m DX



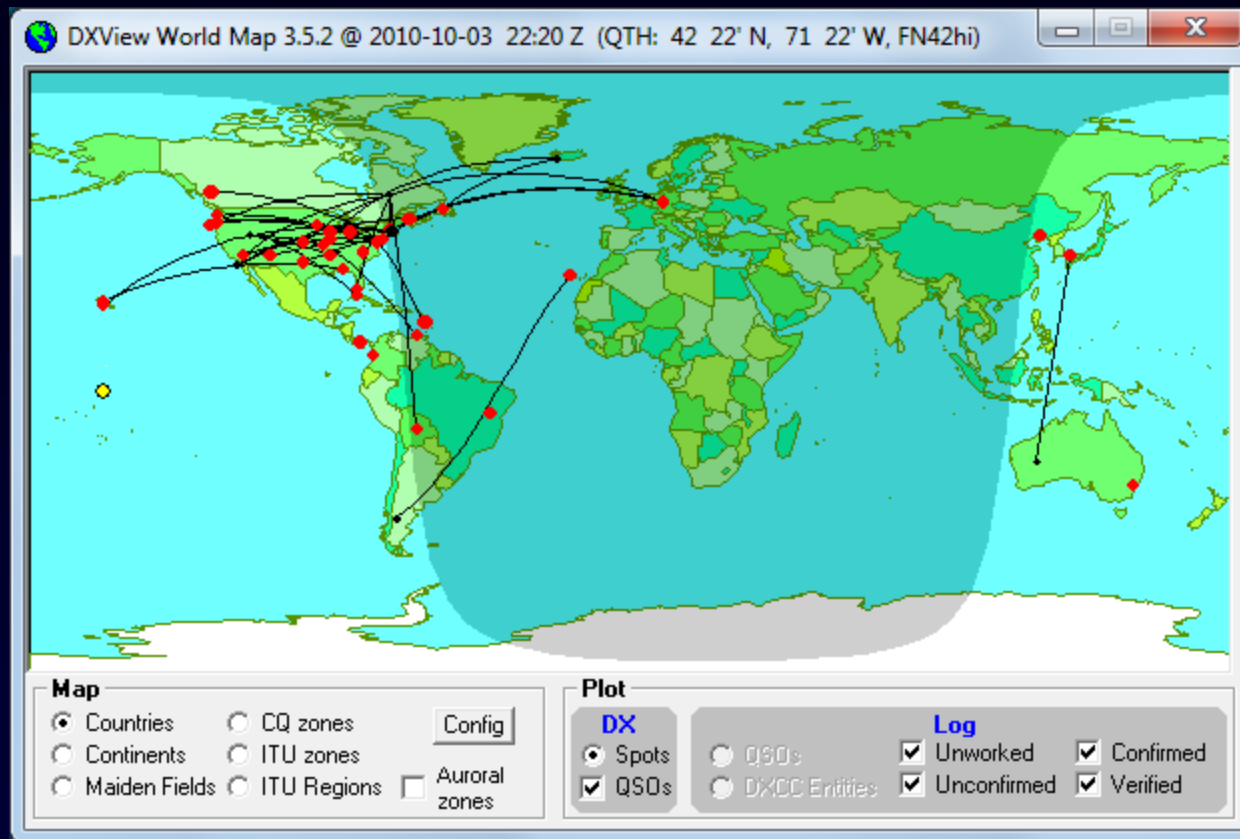
SpotCollector: Plotted 80m DX



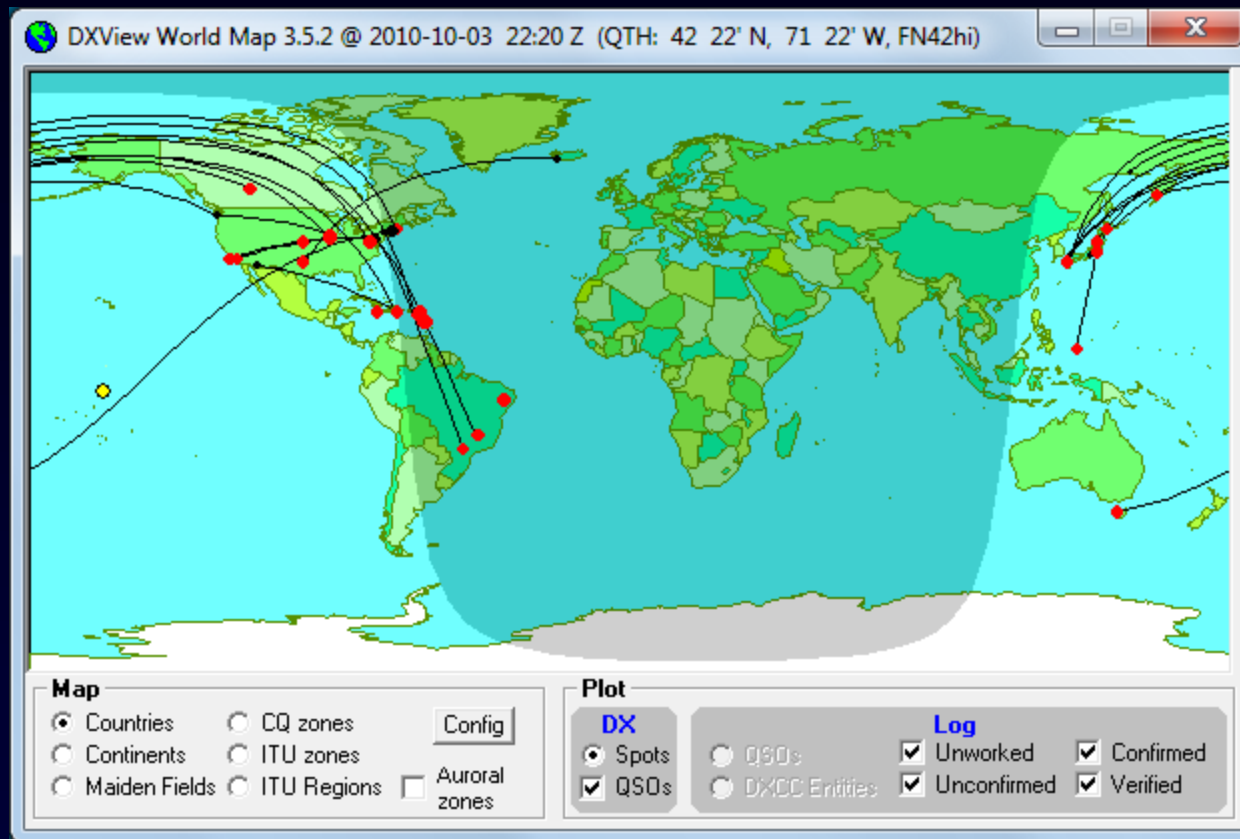
SpotCollector: Plotted 40m DX



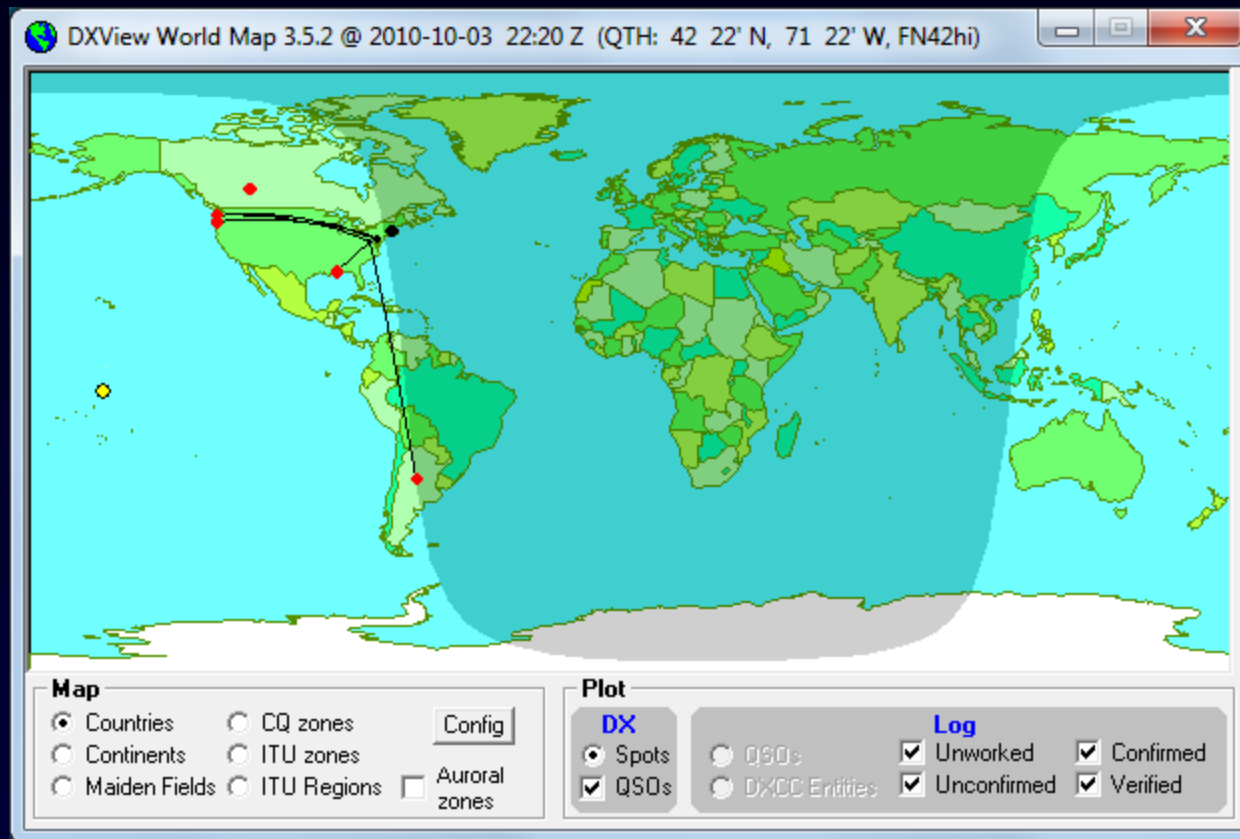
SpotCollector: Plotted 20m DX



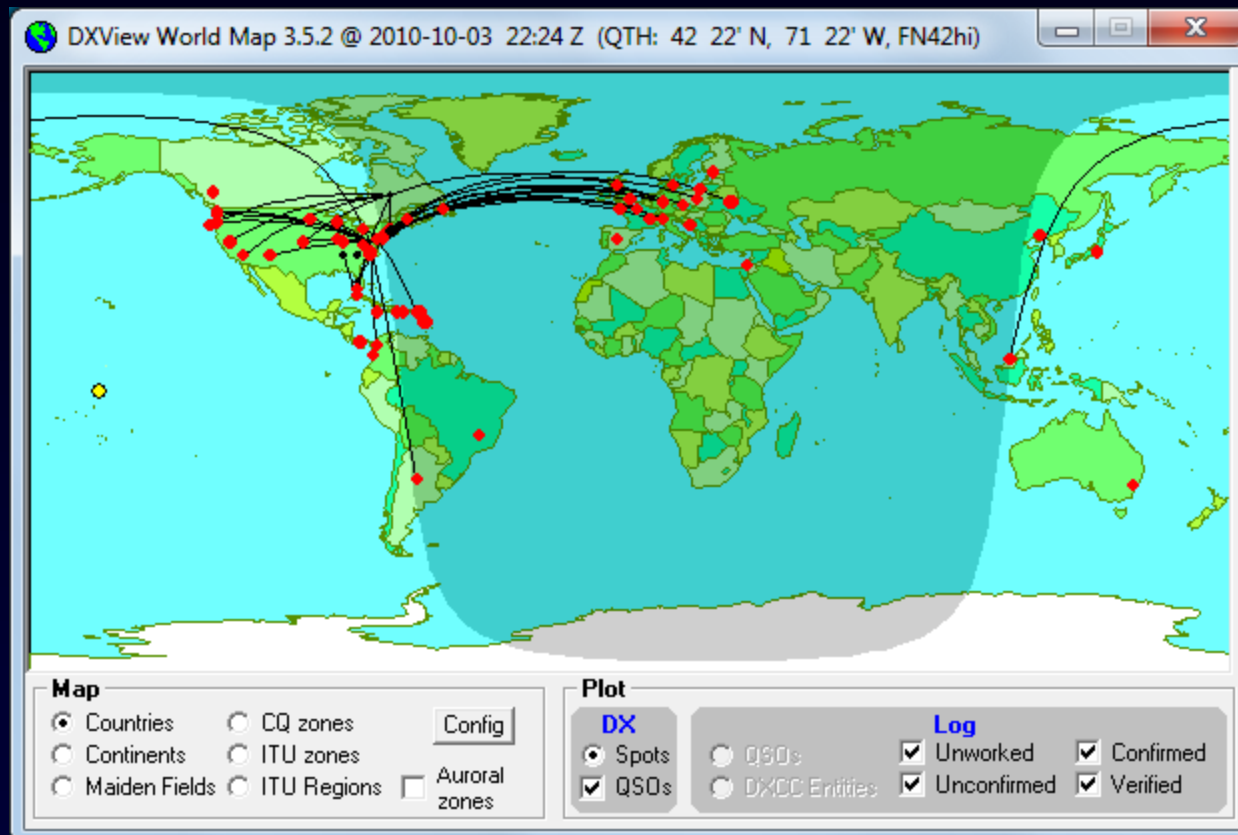
SpotCollector: Plotted 17m DX



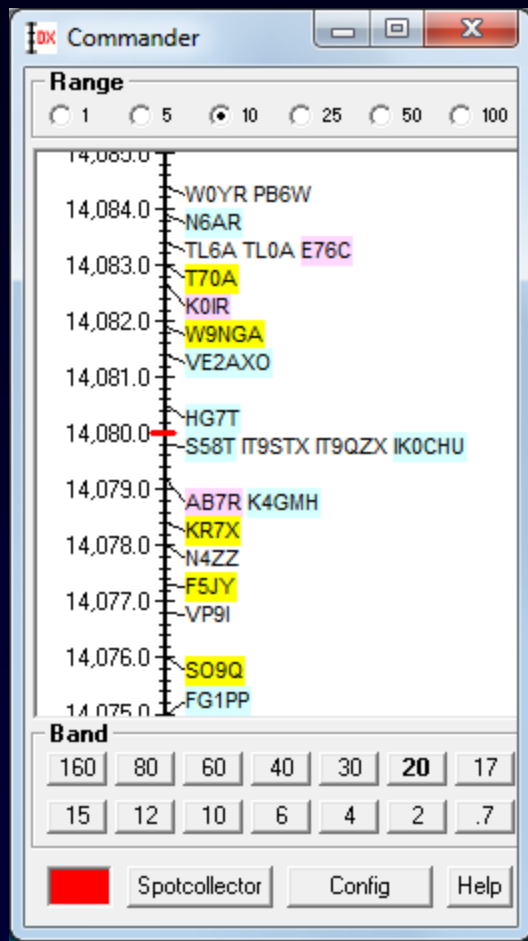
SpotCollector: Plotted 15m DX



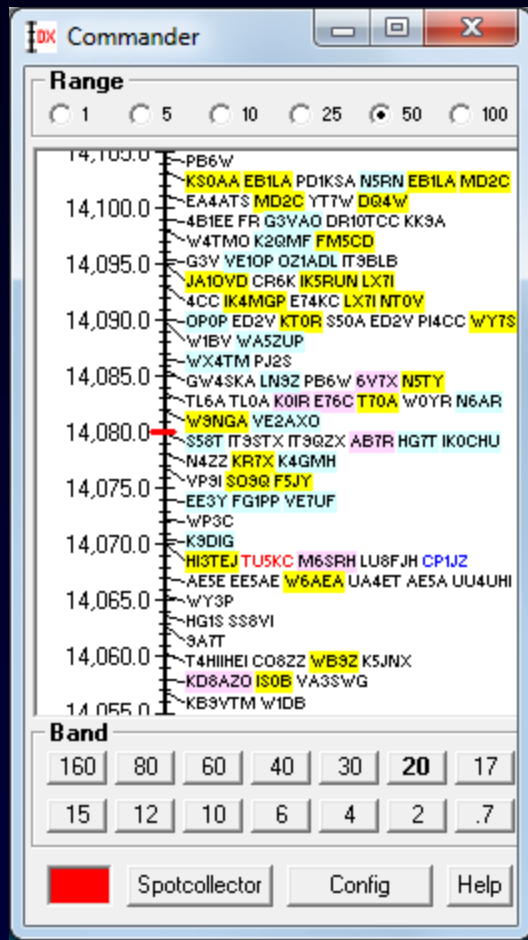
SpotCollector: Plotted DX gespot van NA-E



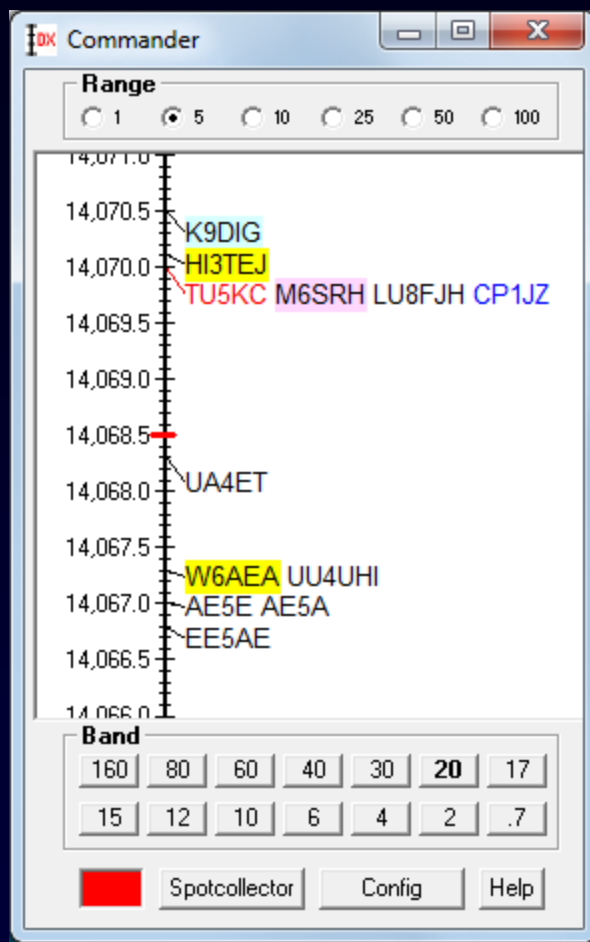
SpotCollector: DX in Commander's bandbreedte



SpotCollector: DX in Commander's bandbreedte



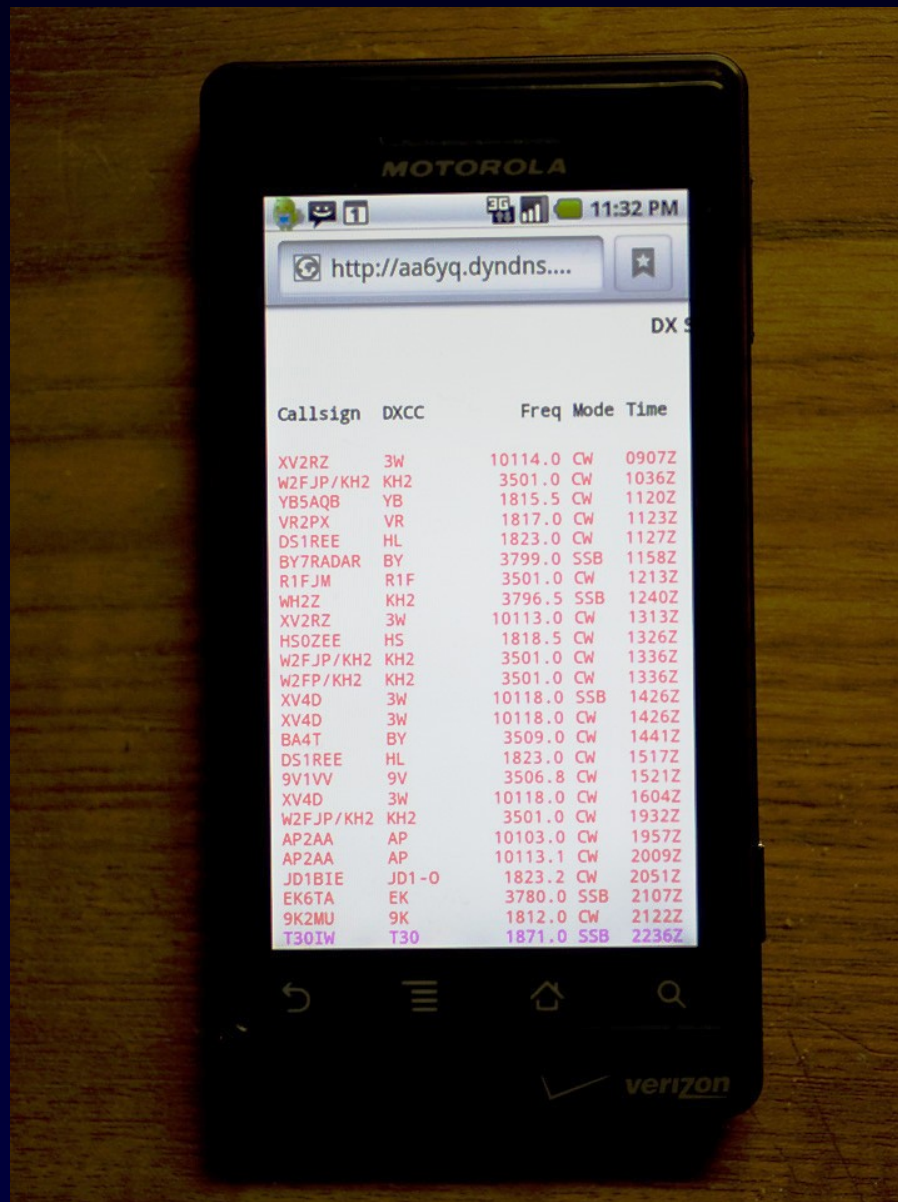
SpotCollector: DX in Commander's Bandbreedte



SpotCollector: DX Spot Database

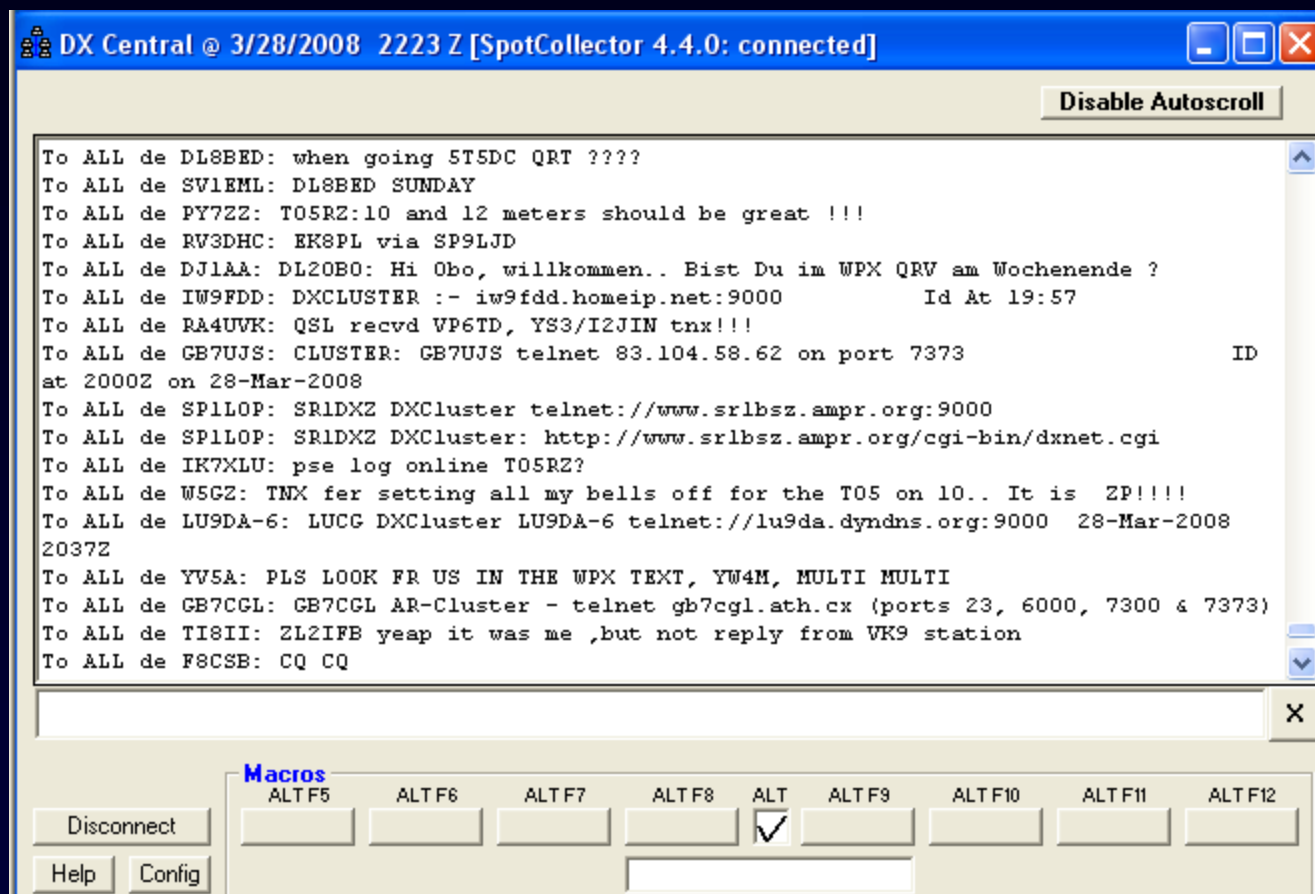
- Dubbele-klik database, Kaart, of Bandbreedte naar
 - QSY de transceiver (freq, mode, split, dual rcv, QSX)
 - Draai de antenne
 - Vult aan
 - DXKeeper's Capture window
 - WinWarbler's QSO Info paneel
- Kondigt de nodige spots via de geluidskaart
- Tracks statistieken
 - bij band
 - bij continent
- Ingebouwde webserver voor lokale spot distributie

SpotCollector: Ingebouwde webserver

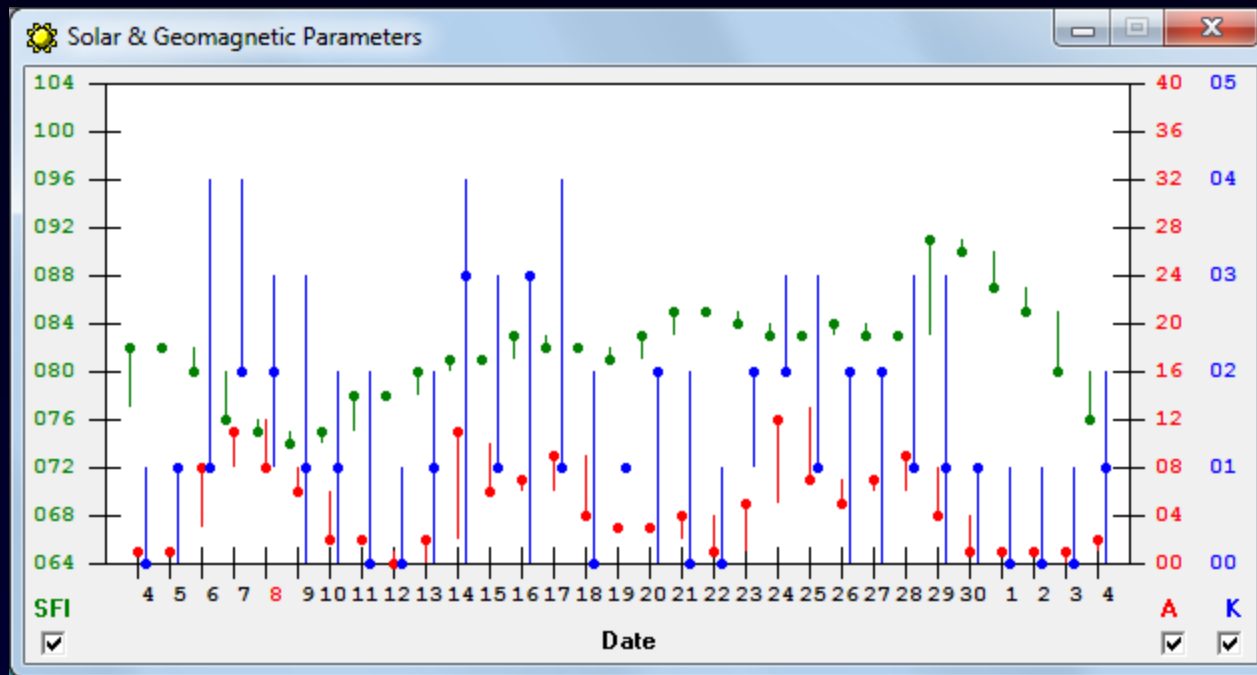


Droid doet DX!

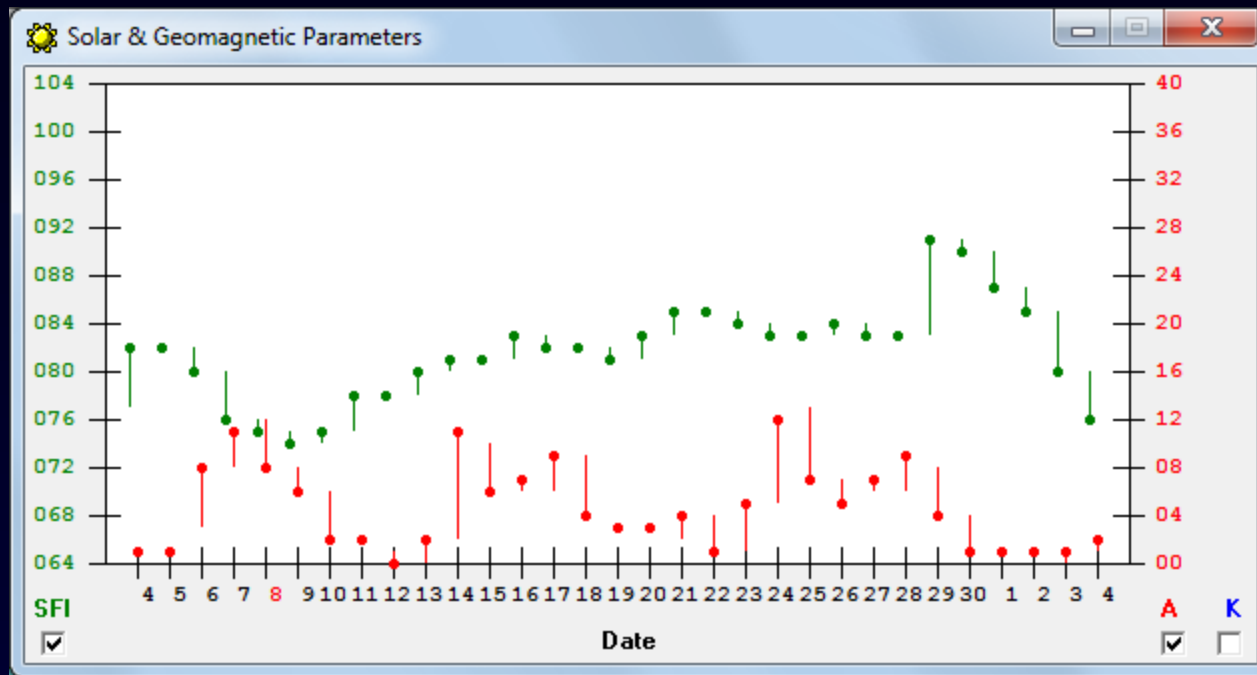
SpotCollector: Berichten en mededelingen



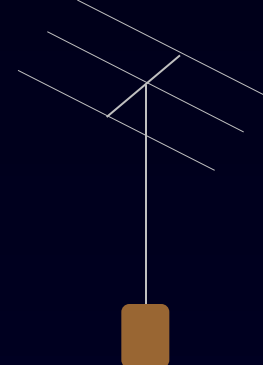
SpotCollector: WWV Spots (alle parameters)



SpotCollector: WWV Spots (SFI & A alleen)



de DXLab Suite



WinWarbler

Commander

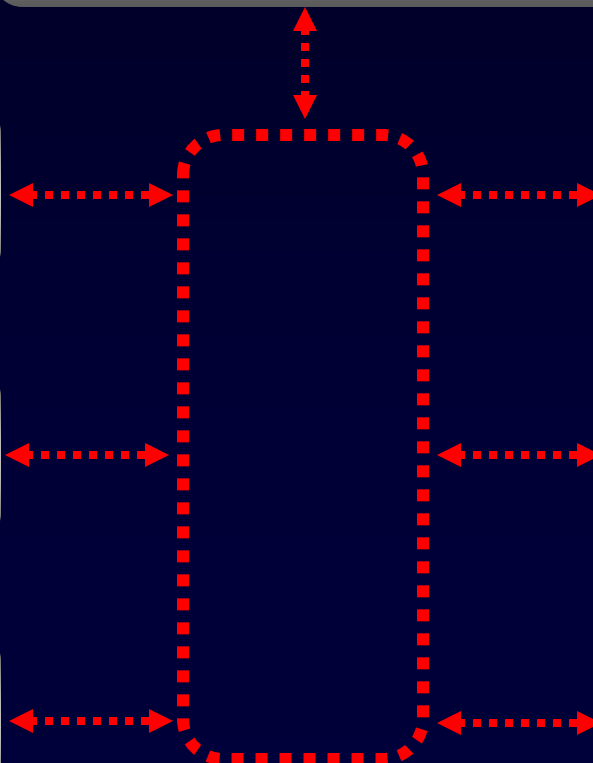
DXView

DXKeeper

SpotCollector

PropView

Pathfinder



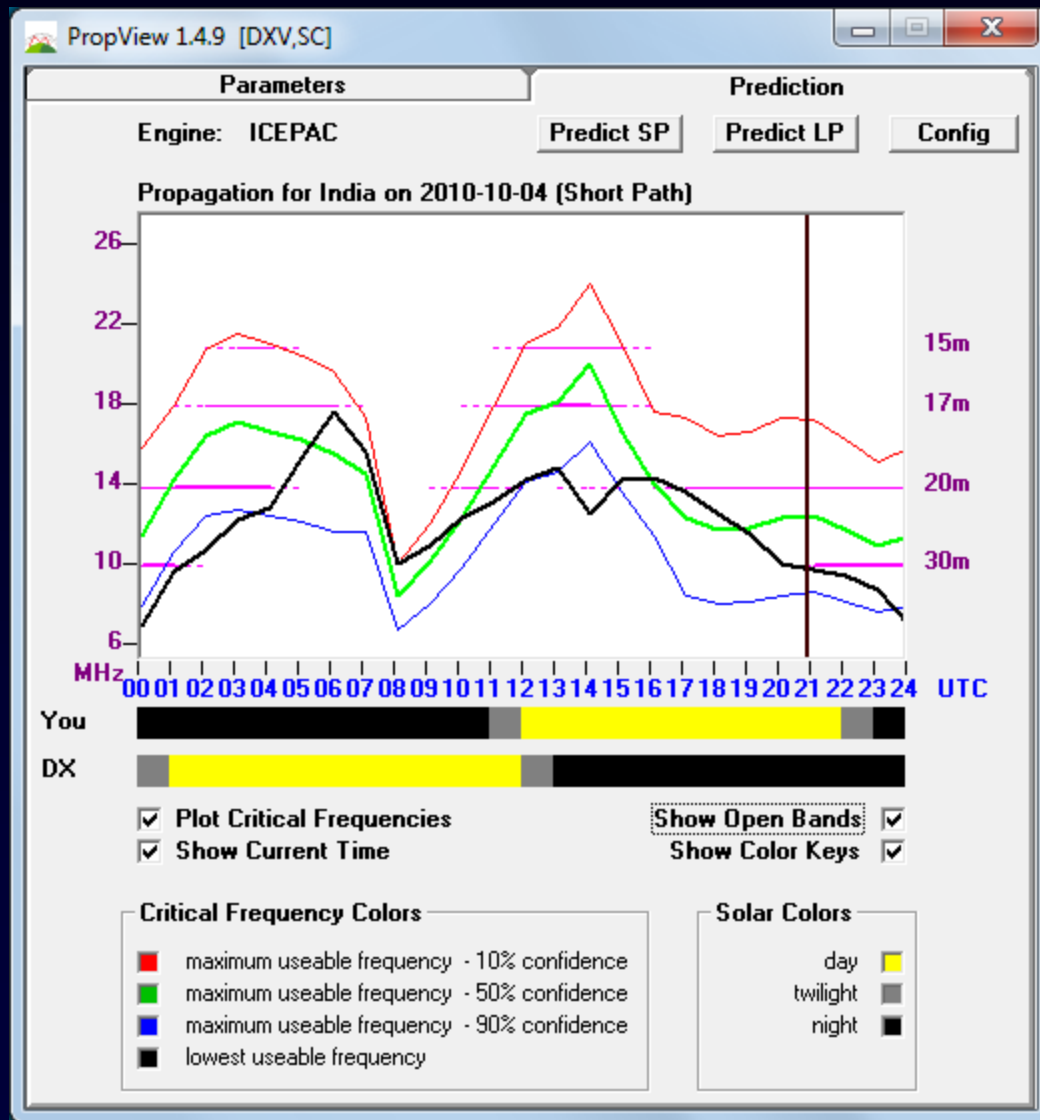
PropView

- Propagatie voorspelling
- Monitor propagatie

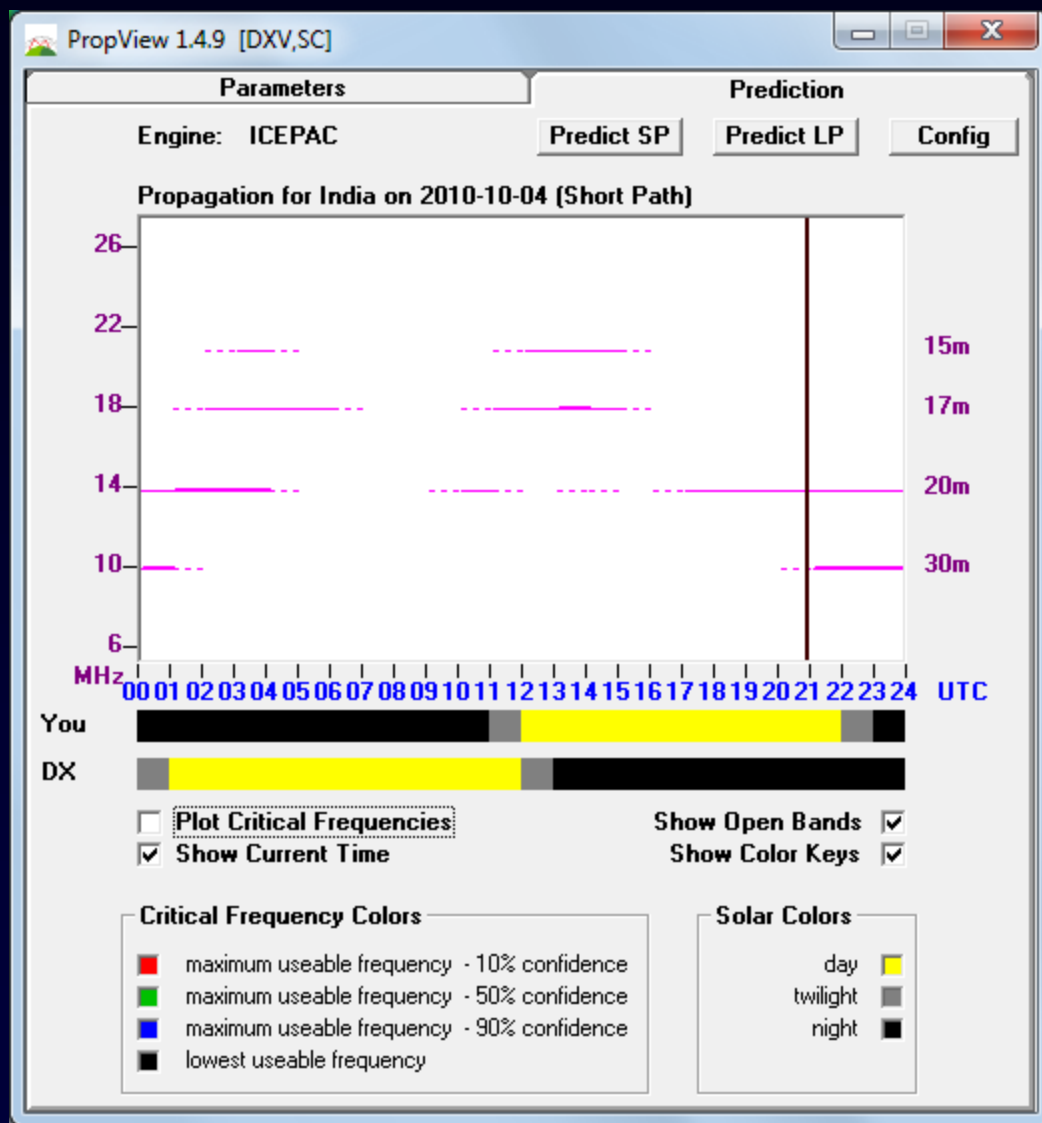
PropView: Propagatie voorspelling

- Bevat drie voorspelling engines (*8) (bronnen)
 - ICEPAC
 - IONCAP
 - VOACAP
- Krijgt solar flux en K-index van SpotCollector
- Krijgt locatie's van DXView
- Produceert grafische voorspelling

PropView: Propagation voorspelling



PropView: Propagation voorspelling



PropView: Propagatie Monitoring

- Monitors NCDXF/IARU baken netwerk
- Maakt baken schedules
 - bij band
 - bij bearing
 - bij specifieke bakens
- QSYs transceiver per baken schedule
- Roteert antenne per baken schedule

PropView: Propagation Monitoring

PropView Beacon Monitor @ 20:57:45 04-Oct-2010 [DXV,SC]

Monitor

☒ Enable ☐ QSY ☐ Map Config Help

Band

☐ 20m
☐ 17m
☐ 15m
☐ 12m
☐ 10m

Beacons

☐ 4S7B ☐ KH6W0 ☒ VK6RBP
☐ 4U1UN ☒ LU4AA ☐ VR2B
☐ 4X6TU ☐ OA4B ☐ W6WXX
☒ 5Z4B ☐ OH2B ☐ YV5B
☐ CS3B ☐ RR90 ☐ ZL6B
☐ JA2IGY ☐ VE8AT ☒ ZS6DN

Octant

☐ 315 ☐ 0
☐ 270 ☐ 45
☐ 225 ☐ 90
☐ 180 ☐ 135

☐ Rotate

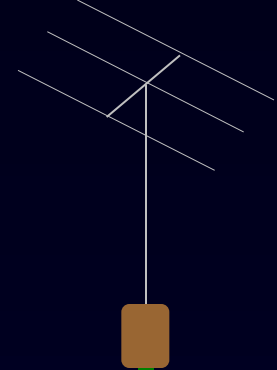
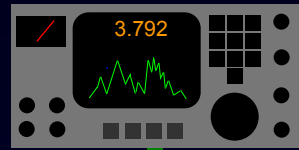
Transceiver

Offset (Hz)

Beacon Schedule (1 cycle)

Time	Call	City	DXCC Country	Freq (khz)	SP	Dist (mi)
0						
10	VK6RBP	Rolystone	Australia	14100	327	11619
20	VK6RBP	Rolystone	Australia	18110	327	11619
30	VK6RBP	Rolystone	Australia	21150	327	11619
40	VK6RBP	Rolystone	Australia	24930	327	11619
50	VK6RBP	Rolystone	Australia	28200	327	11619
60	ZS6DN	Pretoria	South Africa	14100	104	7871
70	ZS6DN	Pretoria	South Africa	18110	104	7871
80	ZS6DN	Pretoria	South Africa	21150	104	7871
90	ZS6DN	Pretoria	South Africa	24930	104	7871
100	ZS6DN	Pretoria	South Africa	28200	104	7871
110	LU4AA	Buenos Aires	Argentina	14100	169	5382
120	LU4AA	Buenos Aires	Argentina	18110	169	5382
130	LU4AA	Buenos Aires	Argentina	21150	169	5382
140	LU4AA	Buenos Aires	Argentina	24930	169	5382
150	LU4AA	Buenos Aires	Argentina	28200	169	5382
160						
170						

De DXLab Suite



WinWarbler

Commander

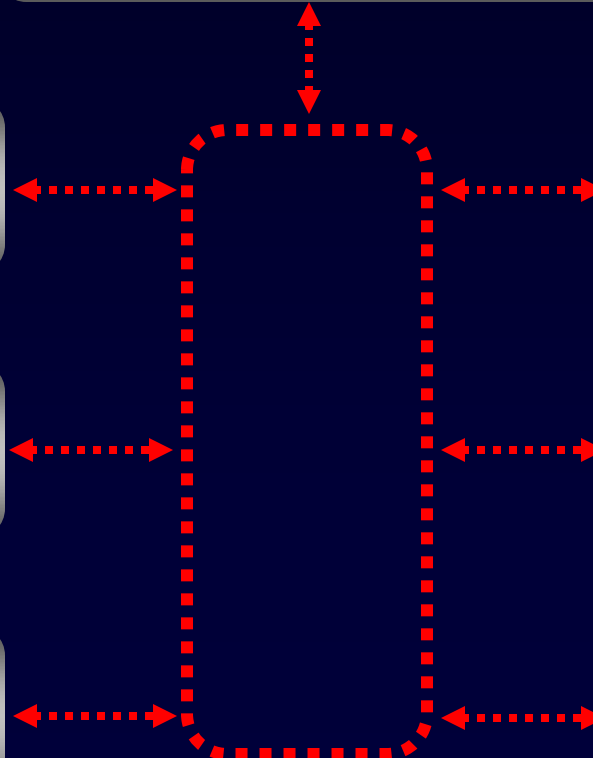
DXView

DXKeeper

SpotCollector

PropView

Pathfinder



Pathfinder: QSO Informatie van het Web

- Bron
 - Land-specifiek callboek (~80)
 - QSL sites (~40)
 - DX Summit spot archives
- 12 gebruiker-toewijsbare zoek sleutels
- Legt callsigns vast die geselecteerd zijn via
 - DXView
 - DXKeeper
 - WinWarbler
 - SpotCollector

Pathfinder

Pathfinder 4.7.6: results from VK Callbook for VK3ZL

2010 X HC VK3ZL Buck QRZ IK3QAR DXC OZ7C R 1 X 1 Config

← RAC VK CB eHAM DB0SDX 425DXN Google OZ7C IM Daily DX Help

acma.gov.au

Register of Radiocommunications Licences

Client Details

Client Number	128363
Contact Name	Robert William Briggs
Postal Address	11 Turnley St MERINO VIC 3310

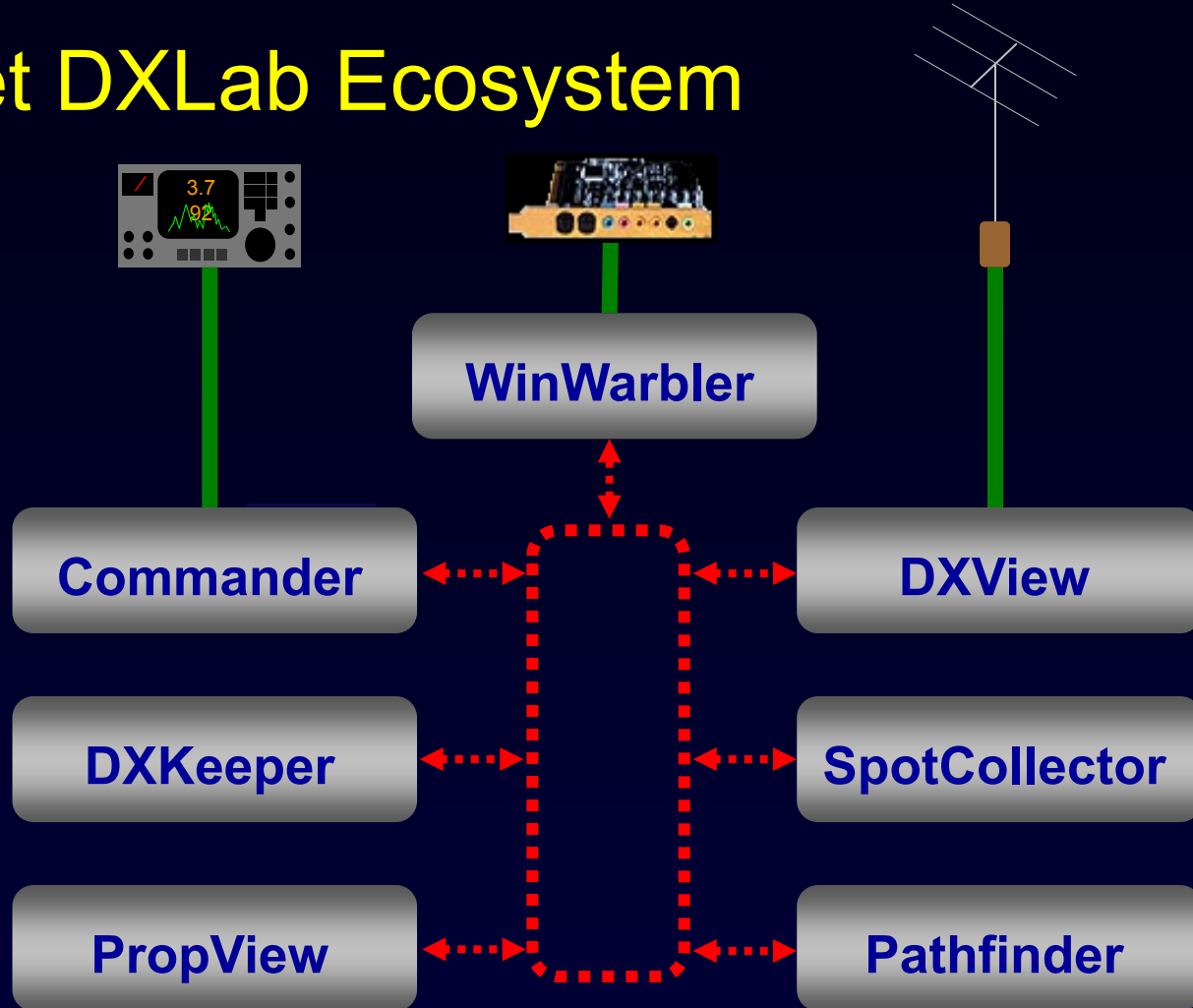
[\[New Client Search \]](#)

Licences Held

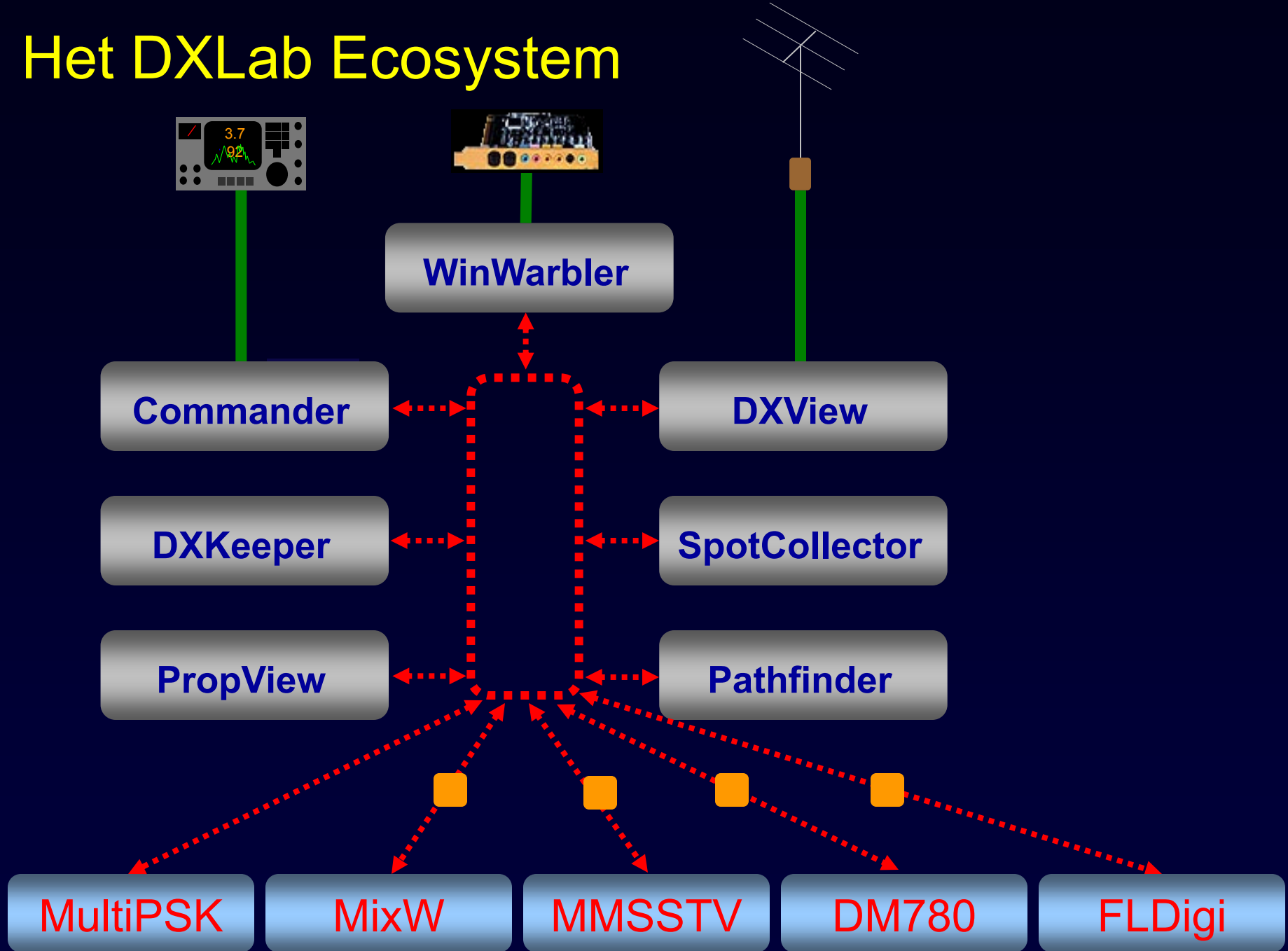
Results 1 - 1 of 1 licences.

Licence No	Licence Type	Licence Category	Callsign	Ship name	Status
182834	Amateur	Advanced	VK3ZL		Issued

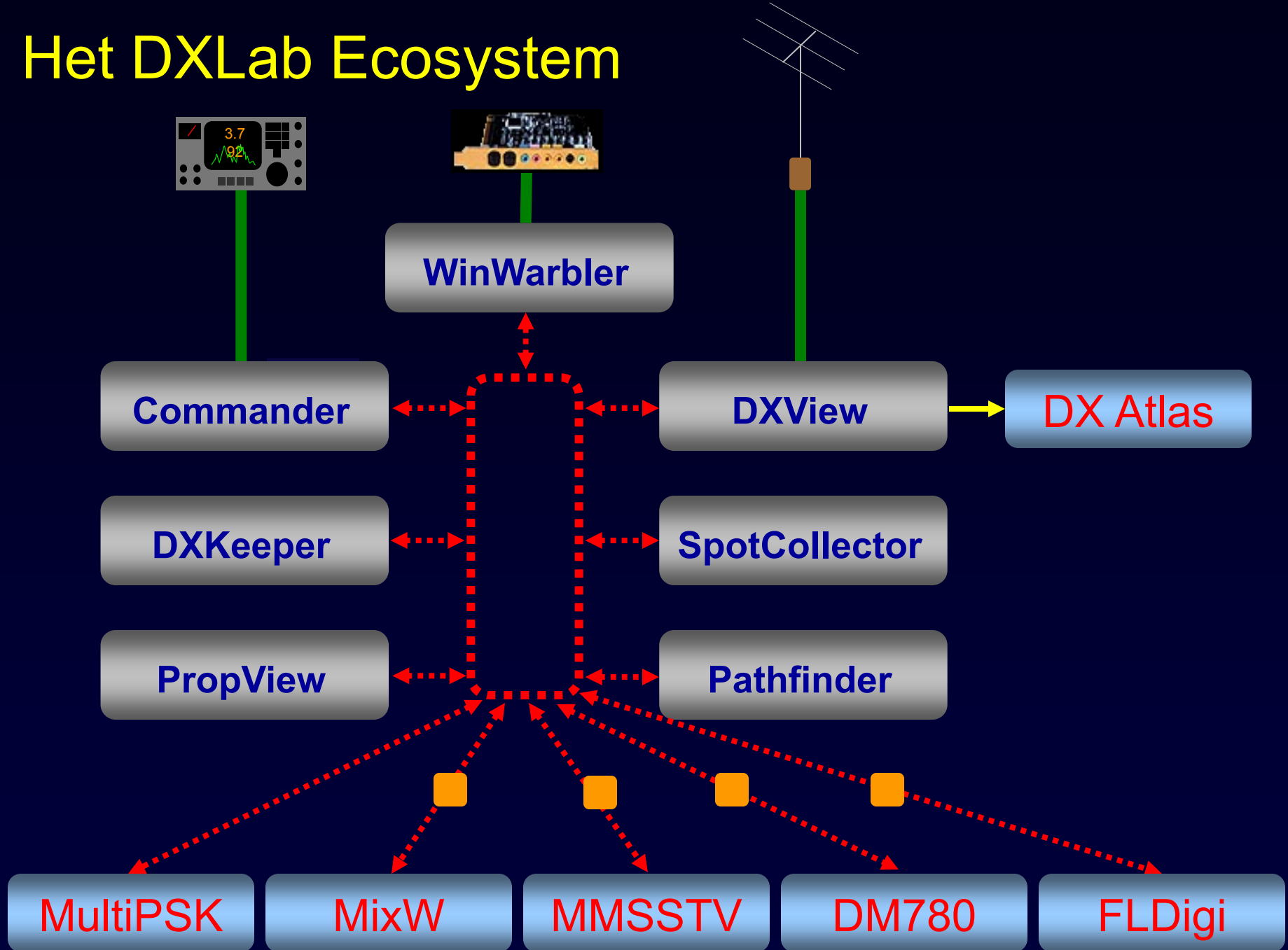
Het DXLab Ecosystem



Het DXLab Ecosystem



Het DXLab Ecosystem



Het DXLab Ecosystem

Interoperabiliteit

- MultiPSK
- MMSSTV
- MMVARI
- CWSkimmer
- DM780
- FLDigi
- IZ8BLY Hellschreiber
- Ham Radio Deluxe
- N1MM and N1MM Rotor
- WinContest
- DX Atlas(\$)
- LP StepLink (\$)
- MixW(\$)

Add-ins

- Alpha 87a control
- BMUtil
- CW Skimmer
- DXLPlus
- Frequentie/S-meter display
- HamSked DXing calendar
- SpotSpy
- Website generatie

DXLab: Verdere ontwikkeling

- DXKeeper
 - Meer realtime AWARD tracking
- WinWarbler
 - Verbeterde MMTTY's RTTY decoder
 - CW decoding
 - Extra digitale modes
- PropView
 - Op lange termijn baken analyse
 - Increase Solar Flux!

DXLab: Vereisten

- Minimum (1 applicatie)
 - 133 MHz Pentium
 - 64 MB DRAM
 - 800x600 SVGA monitor
 - Windows 98SE
- OK (alle applicatie's)
 - 600 MHz Pentium 2
 - 512 MB DRAM
 - 1280x1024 XVGA monitor
 - Windows 2000 of Windows XP
- Optimaal (alle applicatie's)
 - 2 GHz dual-core
 - 2 GB DRAM
 - 1600x1200 XVGA monitor of multiple smalle monitors
 - Windows XP, Windows Vista, Windows 7 (32-bit or 64-bit)

www.dxlabsuite.com/download.htm

DX LAB

Downloading and Installing DXLab Applications

www.dxlabsuite.com/download.htm

dxl rss i jobi Fin MW K c TWC wx wxa wxu NE Maine flights track Agility G ist b trffc Android Wiki Other bookmarks

Downloading and Installing DXLab Applications

DXLab applications run on **Windows NT, 2000, XP, Vista, and 7** in both 32-bit and 64-bit flavors. Some DXLab applications can be individually run on **Windows 95, 98, and 98SE**.

Using virtual machines, DXLab applications can also be run on **Linux** and **Macintosh**:

- [DXLab on Linux](#)
- [DXLab on Macintosh](#)

[Getting Started with DXLab](#)
[Documentation](#)
[Availability Announcements](#)
[Bridges, Gateways, and Extenders](#)
[Distribution Sites](#)
[Articles and Presentations](#)
[DXLab Reflector](#)

Before installing your first DXLab application, install the Launcher

The [DXLab Launcher](#) automates the installation of new DXLab applications and the upgrading of already-installed DXLab applications. If you're an aspiring DXLab user who has not installed any DXLab applications on your PC, or if you're a long-time DXLab user who has never installed the Launcher, then installing the Launcher will make it easy to install new DXLab applications and keep them up to date as upgrades are released. Clicking the **Install Launcher** button below will download and install the DXLab Launcher on your PC. Step-by-step guides to installing the Launcher are available in [HTML for browsing](#) and in [PDF for printing](#).

Do not click the **Install Launcher** button if the Launcher is already installed on your PC. If you're not sure, [here's how to check](#).

If the Launcher is already installed on your PC, you should [determine if a newer version is available](#) and, if so, [upgrade](#) it.

By default, each DXLab application will be installed in a subfolder of

```
c:\dxlab
```

but you can specify an alternate location if desired. The Launcher will ensure that each DXLab application is installed in a separate folder, e.g.

- c:\dxlab\dxkeeper
- c:\dxlab\winwarbler
- c:\dxlab\pathfinder

If you decide to install DXLab within c:\program files\ or c:\program files (x86) then

- If your PC is running Windows 7, login to an account with Administrator privileges to install or run DXLab applications
- If your PC is running Vista, [login to the account named Administrator](#) to install or run DXLab applications

Install Launcher



DXLab: Beter DXen door Software

DXKeeper 8.9.4 [CC,DXV,SC,WW] - AA6YQ.mdb : 18487 QSOs

Log QSOs QSL Check Progress my QTHs Import QSOs Export QSOs

QSO: Jordan
call JY4NE name QTH
mode RTTY via tx freq 14.086765 begin 9/20/2010 18:37
sent 599 rcvd 599 tx band 20M rx freq 14.086764 end 9/20/2010 18:37
power 1500 code 342 DXCC JY entity Jordan

New Save Undo CBA Delete Report Plot 18487 Adv RAT Capture Config Help

Call	DXCC	Starting UTC	Band	Mode	Sent	Rcvd	Name
JT50X	JT	9/19/2010 23:23	17M	CW	599	599	hadraabal
RXQAT	UA	9/20/2010 01:01	20M	RTTY	599	599	Vit
KP4JFR	KP4	9/20/2010 01:11	20M	RTTY	599	599	Jose
JY4NE	JY	9/20/2010 18:37	20M	RTTY	599	599	

Sort
UTC Call Adv Filter: None
EY7AD X Call DXCC Date Since Sel LotW Broke

SpotCollector 5.3.9 @ 2010-10-04 19:59 Z [CC,DXK,DXV,WW] (log: AA6YQ.mdb)

WVW 10-04 1806 Z
SRI 80 History
Q: 0 A 1 2 K

Outgoing spot
Call 14,086.2 Freq Cluster
Notes X Local

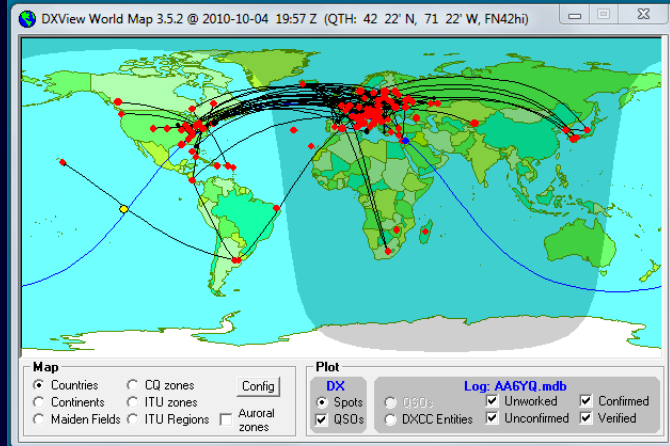
Spot source status
Report Stats Config Help

CallSign	Pfx	Freq	Band	Mode	LastTime	Notes	NAE	NAM	NAW	SA	EU	AF	AS	OC	UN	LastOrig	Source
PS7DX	FY	14,018.3	20M	CW	10/4/2010 19:59	CQ 8 dB 21 WPM	Y	Y	Y		Y	Y				NA-E	N4ZR-#
SQ9CNS	SP	3,541.0	80M	CW	10/4/2010 19:59	CQ 16 dB 19 WPM					Y					EU	DL5Q-#
LA3TQ	LA	14,017.8	20M	CW	10/4/2010 19:59	CQ 18 dB 23 WPM					Y					EU	S5ZK-#
IK0RCD	I	14,025.6	20M	CW	10/4/2010 19:59	CQ 13 dB 18 WPM	Y	Y	Y							NA-M	K8ND-#
9A/SP9EVP	9A	7,017.0	40M	CW	10/4/2010 19:59	CQ 21 dB 26 WPM					Y					EU	DL5Q-#
UA9MA	UA0	1,822.5	160M	CW	10/4/2010 19:59	CQ 10 dB 25 WPM					Y					EU	EI6IZ-#

Sort
First Call
Last Freq
Rcv Az

Filter: Band and Mode
X Need Call DXCC Freq Tag Band Mode Cont Origin
AutoHide Audio LotW eQSL ALT SQL 1 SQL 2 SQL 3 SQL 4 SQL 5 SQL 6 SQL 7 SQL 8

Color codes
verified unworkd E
unneeded unworkd o
unconfirmd special t



WinWarbler 6.8.5 for AA6YQ @ 2010-10-04 19:59 Z [CC,DXK,DXV,SC]

QSO Info (Receive Pane 0)
Call 2 EY7AD 1st S Name Rakhim
QSL Via DIRECT - I CQ 17 ITU 30 QTH 735700
Buro Grid MN30 Pri sub Sec sub
LotW IOTA Az Path S Comment

local: 2010-10-05 00:59 Xcvr Freq
DXCC EY Begin Log X
Cont AS End Spot
TX 14,086.19

QU0TH00 DX CQ DX DE SV1PAS SV1PAS PSE K
DS1PAUSSVPAS DEHPFF,PD1BPSE K...
))JTCQ DX CQ DX DE SV1PAS SV1PAS PSE EUU00ESCQ DX CQ DX DE SV1PAS SV1PAS PSE K
S MSQVAS UV1PAS DE PD1ANB,PD1ANB
PSE K...90R2 0R2 0R2 DE SV1PAS SV1PAS SV1PAS PSE K

Commander 8.5.8 [Icom IC-7200] @ 19:59:42 Z 14,086.19 LSB

VFO A: 20M 9
14,086.19
VFO B 21,008.10
Filters
Group normal
Width 0
PBT 1 50
PBT 2 50
PTT: Rcvng
TX RX
AL-1200
Plate 7.75 Load 4 Band 20

Mode: LSB
LSB (normal) FM (wide)
USB (normal) AM (wide)
CW (narrow) RTTY (wide)
CW-R (narrow) RTTY-R (wide)

Bandsread Msgs Scan Memory Banks Config Help

Commander
Range
1 5 10 25 50 100
14,088.5
14,088.0 EI7FBF
14,087.5 EA4AHE
14,087.0
14,086.5 UR7ITU
14,086.0 PF7DKW
14,085.5 LX8RTTY
14,084.5 SP9GKJ
14,084.0
Band
160 80 60 40 30 20 17
15 12 10 6 4 2 .7
Spotcollector Config Help

Macros: rtt sample
F5 F6 F7 F8 ALT F9 F10 F11 F12
CQ Call Over SK log ur rpt tu log grz? de mycall mycall (3)
80m 40m 30m 20m 17m 15m 12m 10m
sh F5 sh F6 sh F7 sh F8 sh F9 sh F10 sh F11 sh F12

Operating Mode
CW PSK31
Phone PSK63
RTTY PSK125

RTTY receive (soundcard)
Freq 14,084.065
AFC Notch
BPF DPF
Reverse Def Opt
Signal level & squelch 61

RTTY transmit (soundcard)
Freq 14,084.065 net
Reverse Start F2 F4 F5 F6 F7 F8 F9 F10 F11 F12
Stop Abort

Tuning Display
Vert height 2.0
Horiz zoom 1
Horiz pan 14083 14084 14085 14086

Verklarende woordenlijst 01

- (*1) **Interoperabiliteit**

Interoperabiliteit betekent in het algemeen dat systemen (of apparatuur) in staat zijn tot onderlinge uitwisseling of/en communicatie. De systemen kunnen m.a.w. 'praten met elkaar' en zijn in zekere zin 'compatibel'. Om interoperabiliteit te bereiken zijn standaarden, protocollen en procedures erg belangrijk.

<http://www.cjism.vlaanderen.be/e-cultuur/beleidskader/bouwstenen/lexicon/>

- (*2) **Iteratie** is herhaling; **iteratief** is *herhalend*. Deze termen zijn begrippen uit de wiskunde en de informatica, bedoeld om aan te geven dat met een bepaald zich herhalend proces een berekening kan worden uitgevoerd.

<http://nl.wikipedia.org/wiki/Iteratie>

- (*3) **Increment**

Uit Wikipedia, de vrije encyclopedie

Ga naar: navigatie, zoeken

Met het **increment** wordt een al dan niet in cijfers uitdrukbare vaste of variabele toename in de hoeveelheid van iets meetbaars bedoeld. Het afgeleide bijvoeglijke naamwoord is *incrementeel*. Het tegenovergestelde van een increment is een **decrement**. Het meest kenmerkend aan een incrementele verandering is dat deze geen "revolutionaire" omwenteling waardoor eventueel zelfs een bepaald wetenschappelijk paradigma kan worden doorbroken veroorzaakt. Kortom: Een gelijksoortige toevoeging aan een bestaande waarde.

Voorbeelden

Een incrementele backup is een toevoeging aan een bestaande backup, waarbij onderdelen in/aan/van het origineel worden toegevoegd, gewijzigd of verwijderd.

De luchtband was een incrementele verandering ten opzichte van het wiel.

- (*4) **Transceiver**

Een apparaat dat zowel signalen kan verzenden als ontvangen. Bij een LAN (Local Area Network) is een transceiver het apparaat waarmee een computer met het netwerk wordt verbonden en waarmee signalen worden geconverteerd van en naar parallelle en seriële indeling. <http://www.academie-bord.nl/syllabuswebdesign-woordenboek.htm#T>

Verklarende woordenlijst 02

- **(*6) Transverter**
Ein **Transverter** bedeutet:
 - in der Funktechnik ein Gerät zwischen Funkgerät und Antenne, welches die Sende- und Empfangsfrequenz ändert (es ist hier aus Transceiver und Konverter zusammengesetzt, wobei *Transceiver* selbst schon aus *Transmitter* und *Receiver* besteht). Mit einem solchen Transverter kann ein Funkgerät um ein Frequenzband erweitert werden, ohne dass ein neues angeschafft werden muss. Es wird vorwiegend in der Amateurfunktechnik verwendet.
 - in der Leistungselektronik ein Gerät, welches aus einer Gleichspannung eine davon abweichende (meist höhere) Gleichspannung erzeugen kann. Es enthält einen Wechselrichter und einen Transformator mit nachfolgender Gleichrichtung. Beispiele sind akkumulatorbetriebene Elektronenblitz-Geräte oder auch DC-DC-Wandler mit Potentialtrennung
 - <http://de.wikipedia.org/wiki/Transverter>
- (*7) Een terminator, Twilight Zone of "grijze lijn" is een bewegende lijn die de verlichte dagzijde scheidt van de donkere nacht kant van een planetair lichaam. [http://en.wikipedia.org/wiki/Terminator_\(solar\)](http://en.wikipedia.org/wiki/Terminator_(solar))
- (*8) Een **engine** is de softwarematige basis van een computerprogramma. Het genereert de werking van het programma. Bij computerspellen wordt het meestal de 'game engine' genoemd. Het woord *engine* is Engels voor *motor*, en dit is erg toepasselijk aangezien de game engine letterlijk de motor voor het spel is.
- <http://nl.wikipedia.org/wiki/Engine>

Verklarende woordenlijst 03

- SFI (Solar Flux Index) = (Zonne Flux Index) geeft de waarde aan van de Zonne Flux Index
- SSN (Smoothed Sunspot Number)
Afgevlakte Sunspot Number

Wanneer de dagelijkse zonnevlek telling is uitgezet in een maand tijd, is de grafiek zeer stekelige. Gemiddeld dagelijkse zonnevlek getallen over de resultaten van een maand in het maandelijke gemiddelde zonnevlek nummer, maar het resulteert ook in een stekelige plot. Een gladder perceel is gewenst door onderzoekers. Om dat te krijgen, kiezen ze een meer gemiddeld, of geëffend, meting te meten zonne-cycli. Dit is de zogenaamde afgevlakte sunspot number (SSN # berekend over vijf en een halve maand van gegevens voor en na een gewenste maand, plus de gegevens voor de gewenste maand. Het bedrag van smoothing verlaat de officiële SSN een half jaar achter de huidige maand.

<http://uba.be/nl/hf/propagatie>

Remarks

- Remark in Dutch:
- Deze vrije vertaling is niet vrij van schrijffouten en vertaalfouten.
Indien je fouten zou vinden dan laat het mij dan weten via e-mail, mijn e-mail adres is te vinden op: <http://www.qrz.com/db/ON2AD>
- Remark in English:
- This free translation isn't free of type error or translate errors.
- If you find some errors please send me an e-mail, you can find my e-mail at;
- <http://www.qrz.com/db/ON2AD>
- Again my thanks to Dave AA6YQ for his UFB programme and for which he gave his consent so that I could translate his Powerpoint presentation. TNX
- .
- 73 de Pat ON2AD