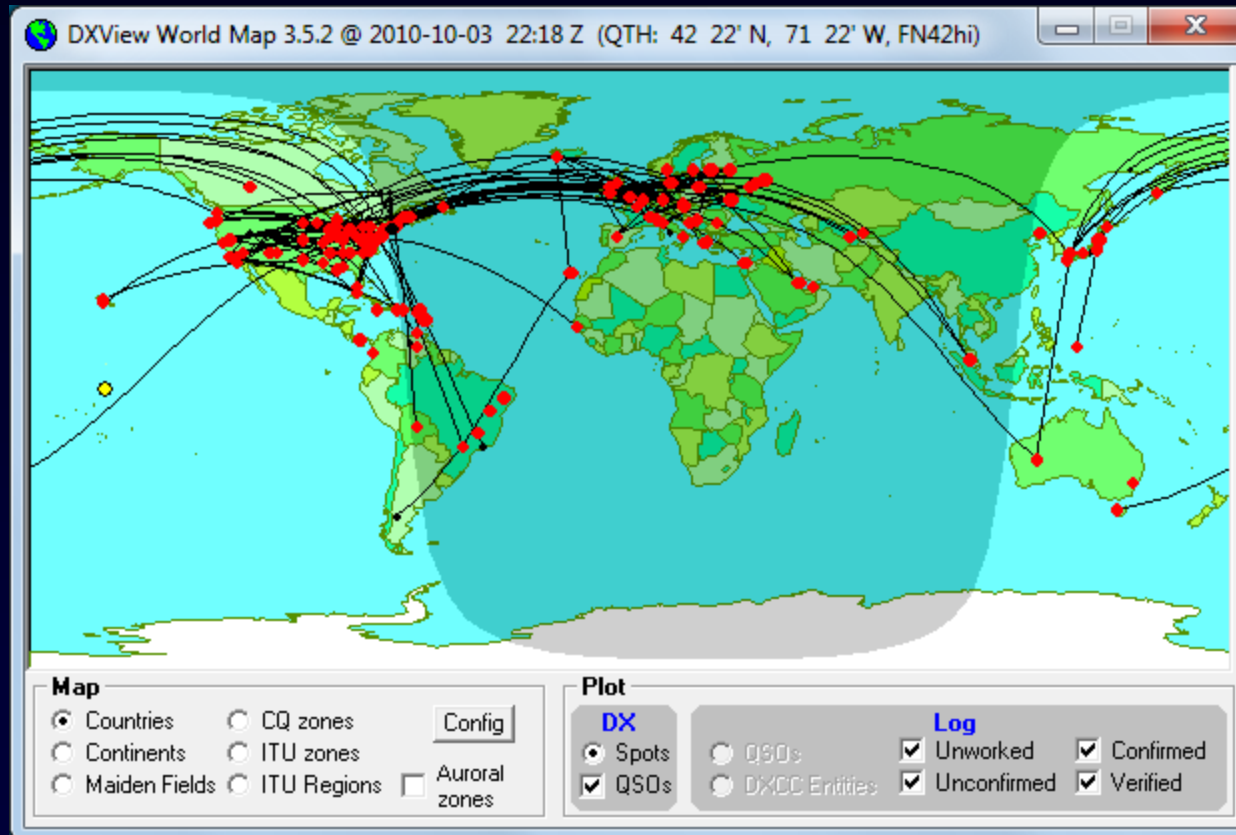


DXen met DXLab

v5 2017-04



Beter DXen door Software

DXen

De kunst en wetenschap
van twee richtings contacten te maken
met verre radioamateur stations
door fonie, CW of digitale modes

DXLab: Beter DXen door Software

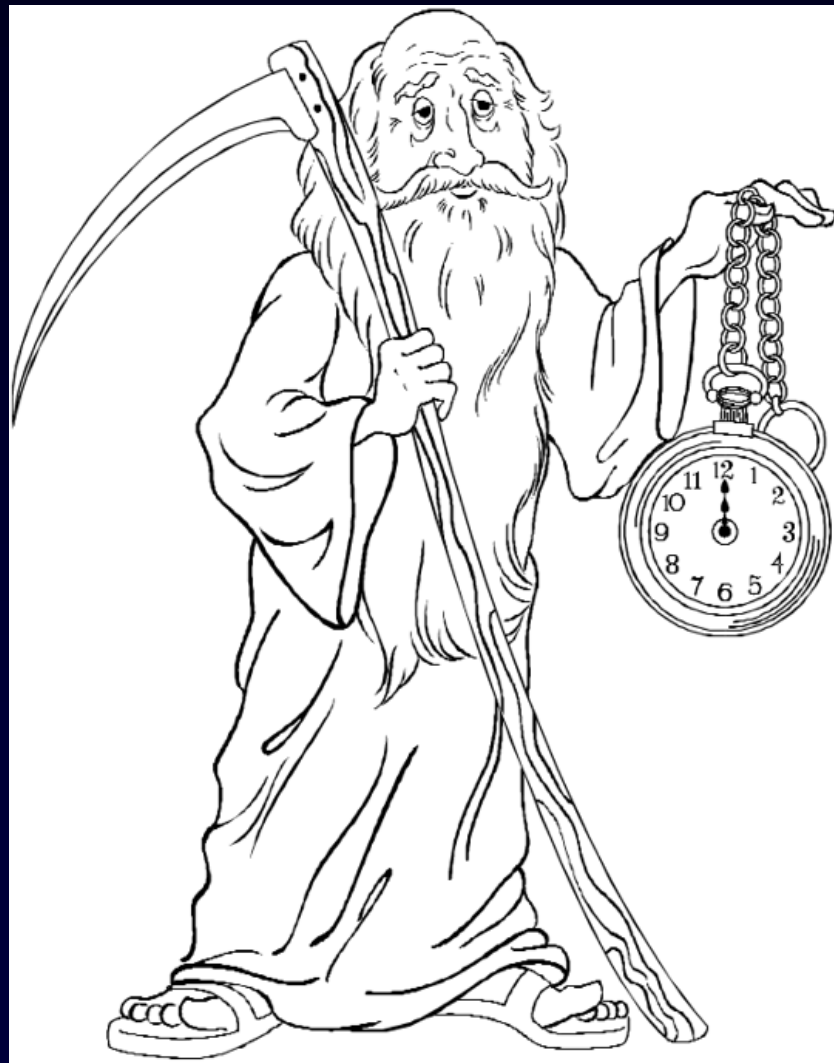
1. Automatiseer “papierwerk” om meer tijd te hebben voor te DXen
2. Maakt de tijd om te DXen productiever
 - Vind de DX die je nodig heeft
 - Werk de DX die je nodig hebt

“Papierwerk”

- Vind de QSL route's
- Vraag bevestiging via QSL kaarten, LotW, eQSL.cc
- Bijhouden van verzoeken om bevestiging
- Updates doelstelling als de bevestigingen worden ontvangen
- Bevestigingen doorsturen voor Award credit

“Papierwerk”

- Vind de QSL routes
- Vraag bevestiging via QSL kaarten, LotW, eQSL.cc
- Bevestigings verzoeken bijhouden
- Update doelstelling als de bevestigingen worden ontvangen
- Bevestigingen doorsturen voor Award credit



QSL Route vinden

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

QSL Automatiseren

- Genereert QSL-kaarten of Labels op zoek naar benodigde bevestigingen
- Genereert adreslabels of druk enveloppen af
- Werkt met full-page printers en individuele labelprinters
- Genereert bestanden voor
 - Full-function QSL generators: BV, QSL Maker, QSL Design en Print
 - QSL services: Global QSL
- Ondersteuning voor eQSL.cc en ARRL's LotW
 - One-click upload
 - One-click download en update
 - Independent tracking
- Automatische upload naar Club Log
- Download aanvragen van Club Log (OQRS)

DXing doelstellingen

- Specificeert Band, Modes en Band-Modes nodig voor DXCC, IOTA, Marathon, VUCC, WAS, WAZ, WPX
- Stuur bevestigings verzoeken, credit inzendingen en DX spot analyse

The screenshot displays a software interface for configuring DXing goals, organized into several panels:

- DXCC Bands & Modes:** Lists bands from 160M to 2M with checkboxes. Modes include Phone, CW, Digital, PSK, and QRP. Band mode buttons for HF and VHF are present.
- Marathon Bands & Modes:** Lists bands from 160M to 2M. Modes include Phone, CW, Digital, and Mixed. Includes a 'Max TX power' field set to 1500 and a 'Year, Category, Score Sheet Info' button.
- WPX Bands & Modes:** Lists bands from 160M to 6M. Modes include SSB, CW, Digital, and Mixed.
- IOTA:** Includes checkboxes for 'IOTAmem4win update' and 'Realtime Award Progress'.
- DXCC Submission:** Includes 'Submit deleted entities' and a field for 'Record Sheet lines/page' set to 75.
- Marathon Submission:** Includes a checkbox for 'Confirmed QSOs are low risk'.
- VUCC & WAS Submission:** Includes radio buttons for 'QSL Card' and 'LotW'.
- DXCC Credits:** Includes a checkbox for 'Credit-only QSO creation'.
- VUCC Bands & Modes:** Lists bands from 6M to Satellite with checkboxes. Includes a 'Realtime Award Progress' checkbox.
- WAS Bands & Modes:** Lists bands from 160M to 70CM with checkboxes. Modes include Phone, CW, RTTY, Digital, SSTV, Sat, EME, QRP, and Mixed (Basic). Includes a 'Realtime Award Progress' checkbox.
- WAZ Bands & Modes:** A grid for 'Mixed', 'S', 'C', 'B', 'W', 'Y', 'M', 'V', 'R', 'T', 'A', 'S', 'T', 'D', 'i', 'g' bands. Includes checkboxes for '5-band WAZ' and 'Realtime Award Progress'.

Buttons for 'QSL Config' and 'Help' are located at the bottom left.

QSL kaart printen

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!	

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		

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

QSL kaart printen

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		



printed by DXLab freeware

www.dxlabsuite.com

QSL label printen

DXKeeper Print Preview

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

AA6YQ cfms a 2X QSO with AP2TN

Date	Time	Freq	Mode	RST
02-Sep-10	2058Z	10.102	CW	599

AA6YQ cfms a 2X QSO with A51A

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

AA6YQ cfms a 2X QSO with JT5DX

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

AA6YQ cfms 2X QSOs with VQ9LA

Date	Time	Freq	Mode	RST
17-Sep-09	1522Z	18.087	CW	
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AA6YQ cfms 2X QSOs with VQ9LA

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

QSL volgen

AA6YQ QSL aging analysis @ 16-Apr-2017

```
missing DXCC entities:      0
missing DXCC entity-bands:  0
missing DXCC entity-modes:  0

missing VUCC grid-bands:    2

missing WAS states:         0
missing WAS state-bands:    0
missing WAS state-modes:    0
```

Call	Band	Mode	QSO Date	DXCC	Grid1	Grid2	Grid3	Grid4	State	QSL Date	Weeks	Expired	QSL_SENT_VIA	Need
LA6SL	6M	CW	21-Nov-2001	LA	JP50					24-Nov-2001	804			VUCC
CE4WJK	6M	SSB	19-Sep-2011	CE	FF45					05-Oct-2011	289		D	VUCC

QSL automatiseren

- Genereert QSL-kaarten of Labels op zoek naar benodigde bevestigingen
- Genereert adreslabels of druk enveloppen af
- Werkt met full-page printers en individuele labelprinters
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 - One-click upload
 - One-click download en update
 - Independent tracking
- Automatische upload naar Club Log
- Download aanvragen van Club Log (OQRS)

Oplossen LoTW afwijkingen

- LoTW database bevat alle stations die bekend zijn om deel te nemen aan LoTW (tnx HB9BZA!)
En de datum waarop elk laatste QSO's naar LoTW is ingediend?
- Identificeer alle niet-bevestigde QSO's met stations die bekend zijn om deel te nemen aan LoTW die QSO's hebben ingediend bij LoTW na de QSO-datum, zodat je uw QSO-partner kunt contacteren en de afwijking kunt corrigeren

Award tracking

- DXCC & Challenge
- CQ DX
- CQ DX Marathon
- CQ Field
- Gridsquares
- IOTA
- TOPLIST
- VUCC
- Worked All Continents
- Worked All CQ Zones
- Worked All Europe
- Worked All ITU Zones
- Worked All Prefixes
- Worked All Belgian Provinces
- Worked All British Areas
- Worked All Canadian Provinces
- Worked All French Departments
- Worked All DARC 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 Korean Districts
- Worked All Russian Oblasts
- Worked All Russian Districts
- Worked All Summits on the Air (SOTA)
- Worked All US States
- Worked All US Counties
- Worked All User-defined Counters

Award tracking

- Genereren van een rapport (Alle 30)
- Genereren voor te versturen (DXCC, IOTA, Marathon, VUCC, WAS, WAZ, WPX)
- Award Credit Update (DXCC, IOTA)

DXCC Bands & Modes

160M Phone HF
 80M CW
 40M Digital VHF
 30M PSK
 20M QRP
 17M
 15M
 12M
 10M
 6M
 2M

Hide unworked in progress rpt

Marathon Bands & Modes

160M Phone HF
 80M CW
 60M Digital VHF
 40M
 30M Mixed
 20M Include QSOs with no prop
 17M
 15M
 12M Max TX power
 10M Year, Category, Score Sheet Info
 6M
 2M

Realtime Award Progress

WPX Bands & Modes

160M SSB HF
 80M CW
 60M Digital
 40M
 30M Mixed
 20M
 17M
 15M
 12M
 10M
 6M

Realtime Award Progress

IOTA

IOTA mem4win update
 Realtime Award Progress

Other Awards

CQ, WAE, Holyland region select
 DARC DOK region selection
 WAE 2 point low-band QSOs
 Subdivision validity checking

DXCC Submission

Submit deleted entities
 Record Sheet lines/page

VUCC Bands & Modes

6M
 2M
 1.25M
 70 CM
 33 CM
 23 CM
 13 CM and up
 Satellite

Realtime Award Progress

WAS Bands & Modes

160M Phone HF
 80M CW
 40M RTTY VHF
 30M Digital
 20M SSTV
 17M
 15M Sat
 12M EME
 10M QRP
 6M Mixed (Basic)
 2M
 1.25M
 70CM

Realtime Award Progress

WAZ Bands & Modes

	Mixed	S S B	C W Y	R T A	S S T	D i g i
Mixed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
160M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
80M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6M	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5-band WAZ
 Realtime Award Progress

DXLab doelstellingen

1. Automatiseer “papierwerk” om meer tijd te hebben voor te DXen
2. Maakt de tijd om te DXen productiever
 - Vind de DX die je nodig heeft
 - Werk de DX die je nodig hebt

DXen met DXLab

- Introductie van DXLab Suite
 - Drivers
 - Architectuur
 - Meerdere weergaven van Actieve DX
- Het vinden van de DX die u nodig heeft?
- Werken van de DX die u nodig heeft

DXen met DXLab

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 - Meerdere weergaven van Actieve DX
- Het vinden van de DX die u nodig heeft?
- Werken van de DX die u nodig heeft

Drivers

1. Gebruikersgerichte iteratieve ontwikkeling

- Open Yahoo groep met 5400+ deelnemers
- Defectherstellingen hebben de hoogste prioriteit; Het doel is <24 uur
- Openbare verbeteringslijsten
- Frequente releases (meerdere per maand)

2. Makkelijk te gebruiken **en** krachtig

- Voornamelijk voor DXers
- Ten tweede voor gewone operators

3. Werkt op Windows NT, 2000, XP, Vista, 7, 8 en 10

- en Mac in een virtuele machine
- en Linux in een virtuele machine

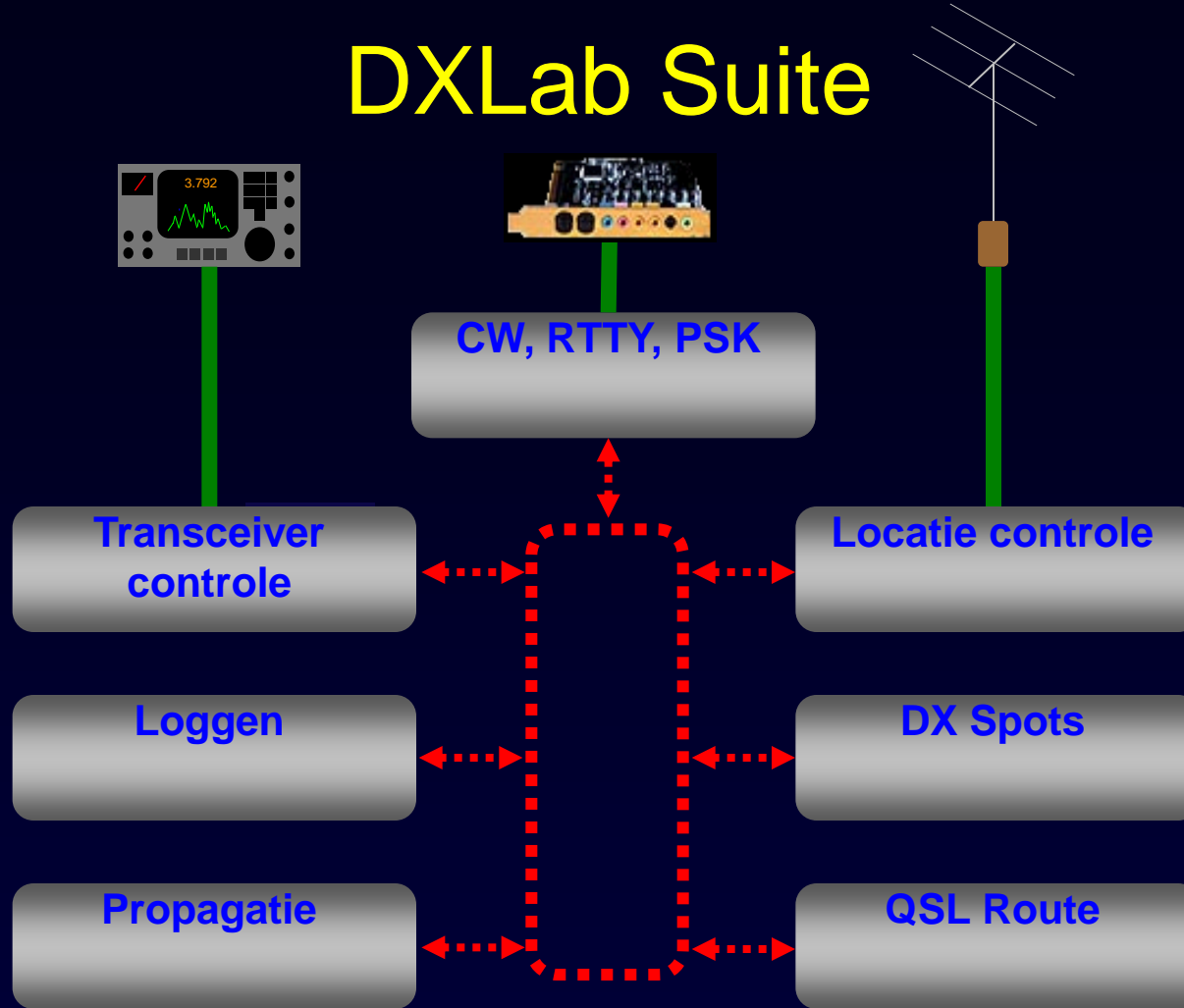
DXen met DXLab

- Introductie van DXLab Suite
 - Drivers
 - Architectuur
 - Meerdere weergaven van Actieve DX
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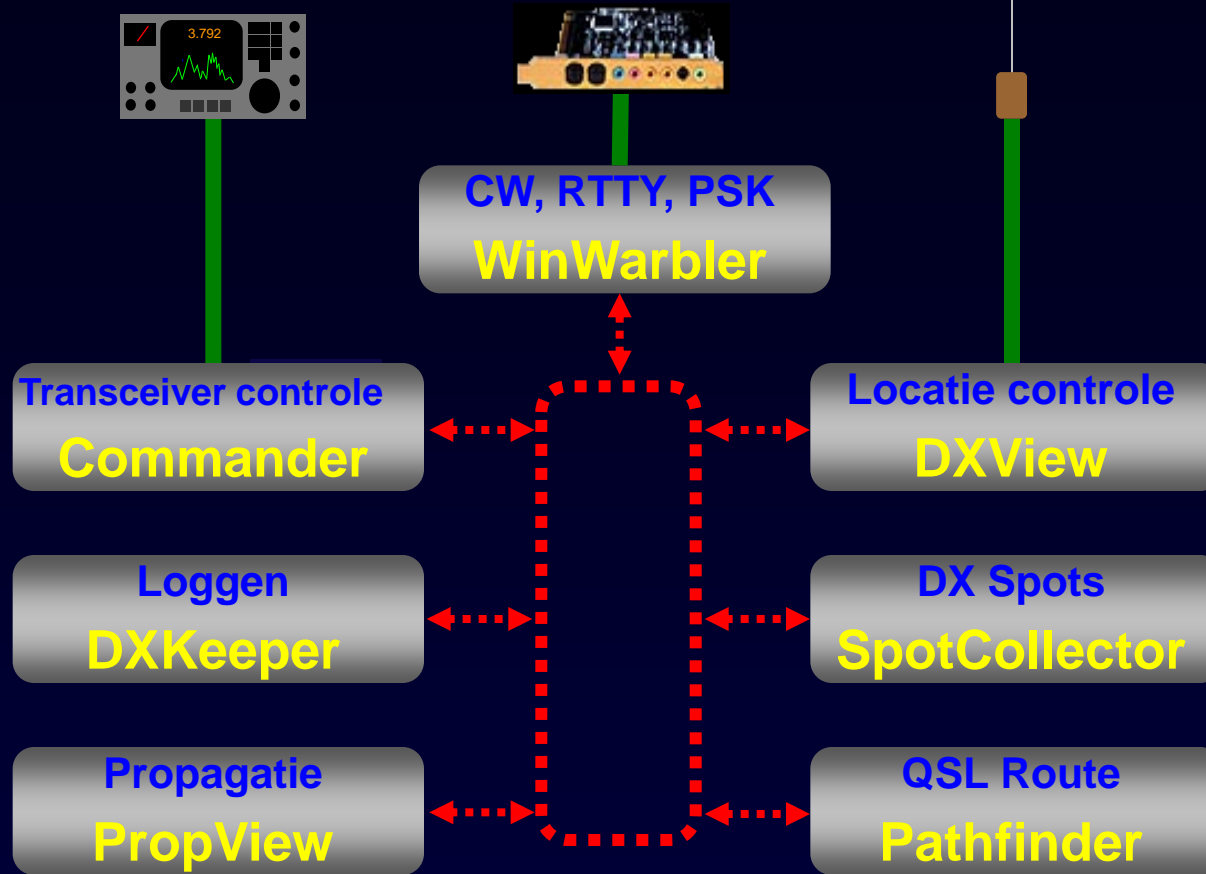
DXLab Suite

Acht gratis applicaties die individueel werken
maar
die wanneer ze tegelijkertijd werken ze
automatisch interopereren

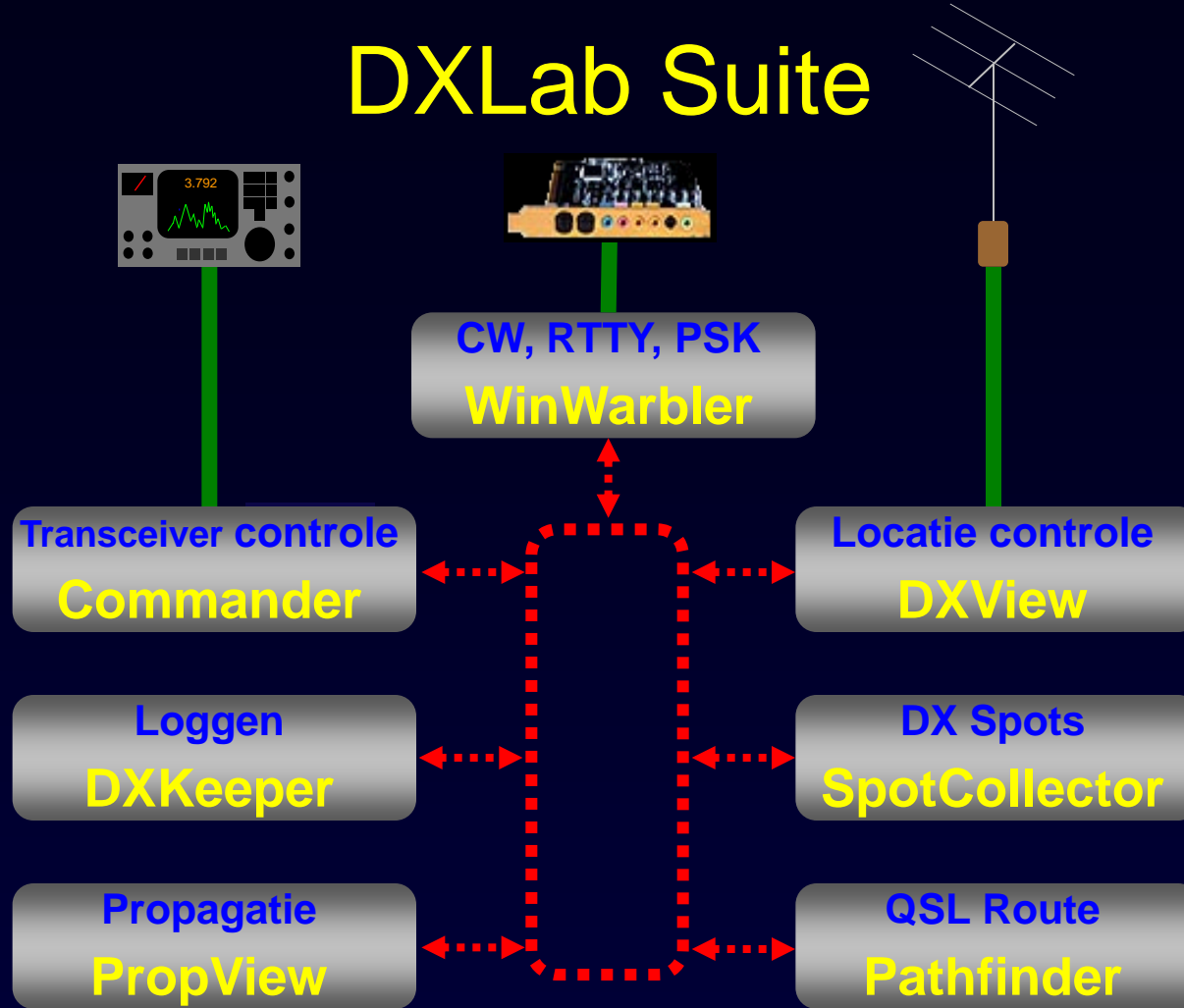
DXLab Suite



DXLab Suite

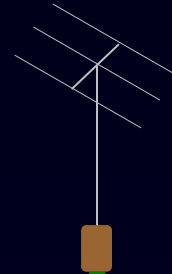


DXLab Suite



- Modulair
- Los verbonden

DXLab Suite



CW, RTTY, PSK
WinWarbler

Transceiver controle
Commander

Locatie controle
DXView

Loggen
DXKeeper

DX Spots
SpotCollector

Propagatie
PropView

QSL Routee
Pathfinder

CW Skimmer

CWGet

FLDigi

JT-Alert

MixW

MMSSTV

MultiPSK

Gritty

MRP40

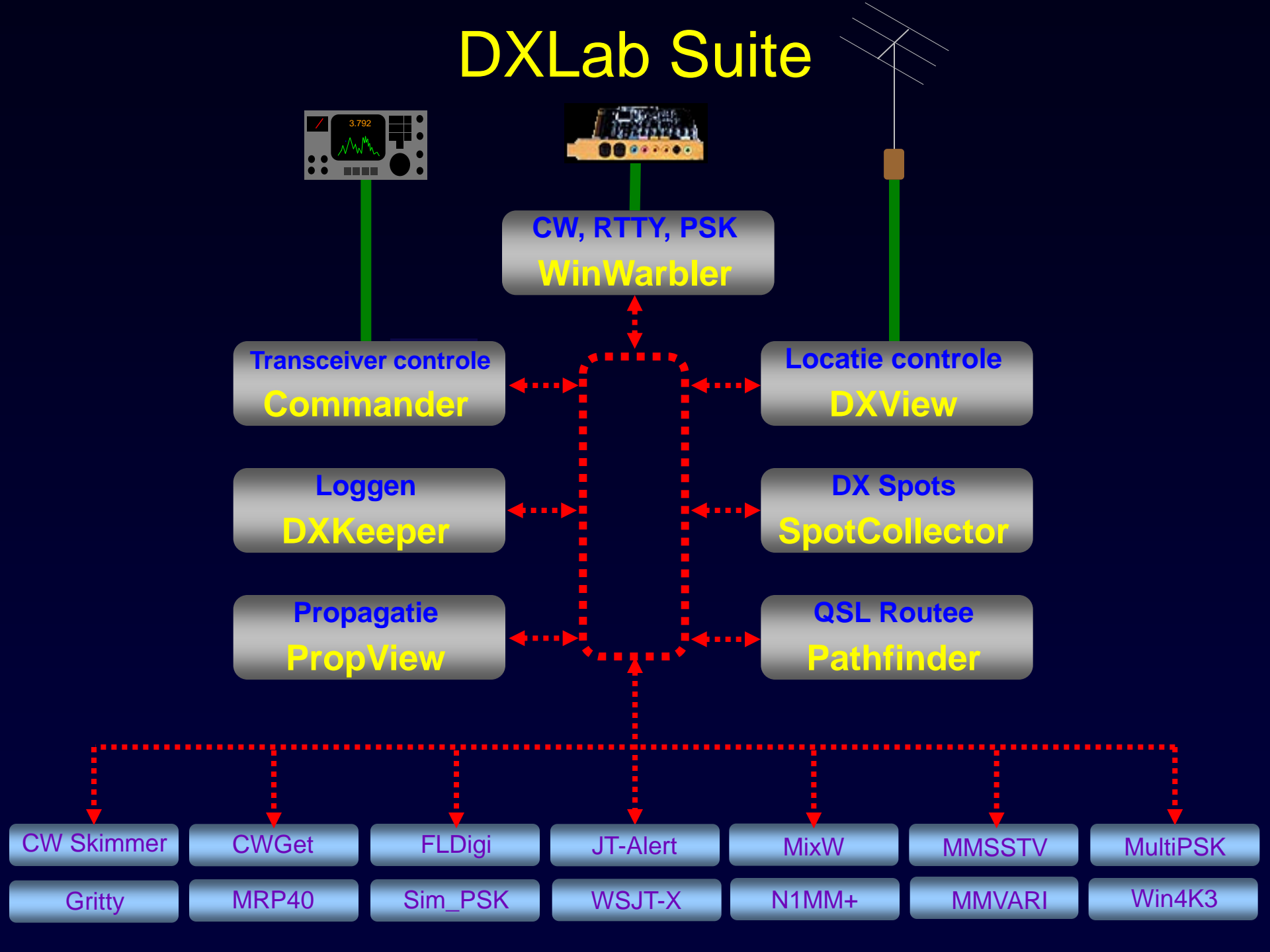
Sim_PSK

WSJT-X

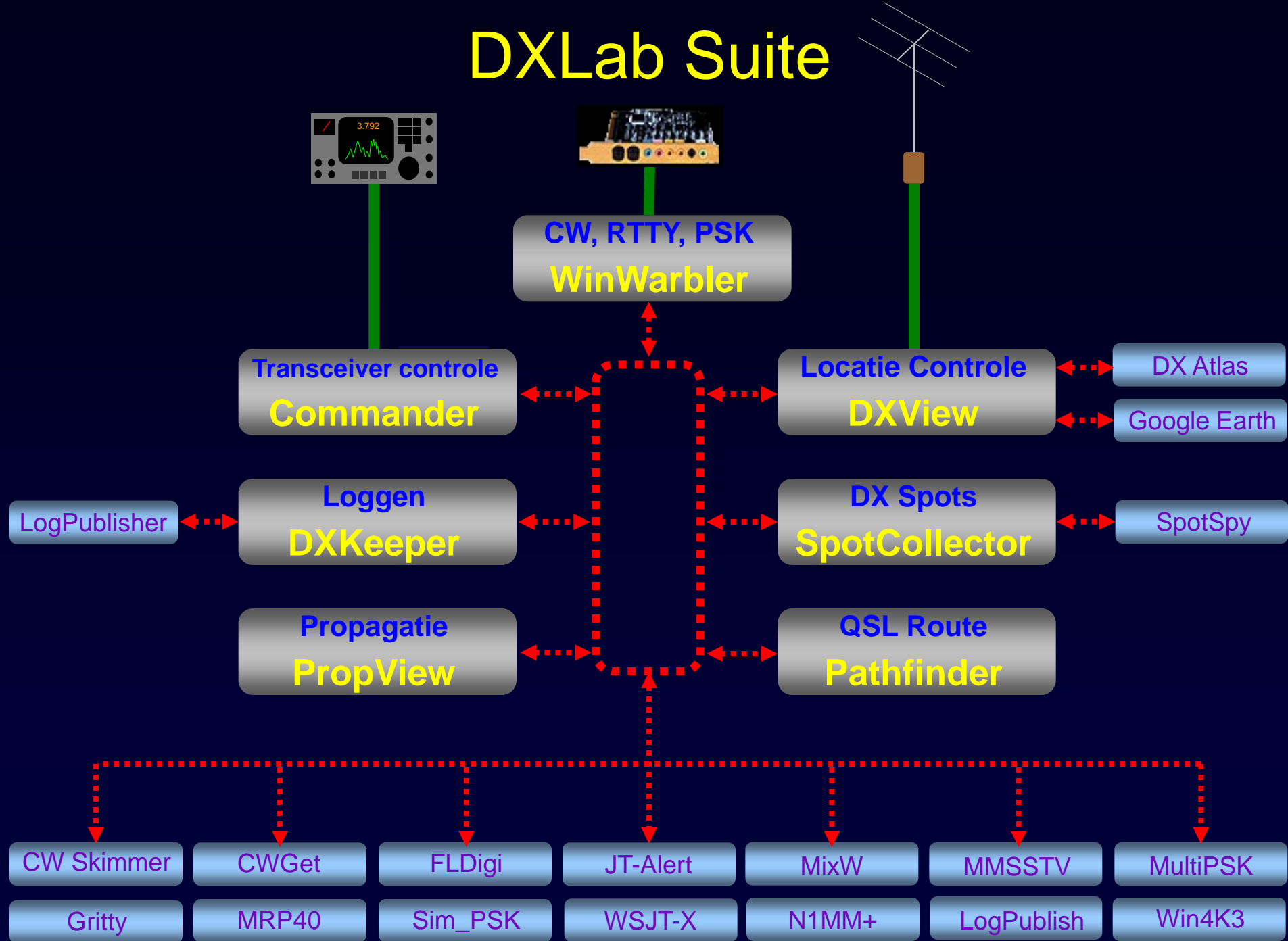
N1MM+

MMVARI

Win4K3



DXLab Suite



Een Suite van DXing applicaties

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

Call	DXCC	Starting UTC	Band	Mode	Sent	Rcvd	Name
JT5DX	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 | Call | DXCC | Date | Since | Sel | LotW | Broke

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

WVWV 10-04 1806 Z | Outgoing spot | Spot source status

Call 14,086.2 Freq Cluster

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				NA-E	N4ZR-#
SQ9CNS	SP	3,541.0	80M	CW	10/4/2010 19:59	CQ 16 dB 13 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

Color codes: verified, unneeded, unconfirmed, special

DXView World Map 3.5.2 @ 2010-10-04 19:57 Z (QTH: 42° 22' N, 71° 22' W, FN42h)

Map: Countries, CQ zones, Continents, ITU zones, Maiden Fields, ITU Regions, Auroral zones

Plot: DX, Spots, QSOs, DXCC Entities

Log: AA6YQ.mdb

Unworked, Confirmed, Unconfirmed, Verified

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

QSO Info (Receive Pane 0)

Call: EY7AD | Name: Rakhim | DXCC: EY | QTH: 735700

QSL: DIRECT -1 | CQ: 17 | ITU: 30

Buro: Grid: MN30 | Pri sub: | Sec sub: | Comment: |

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

QU0TH00 DX CO DX DE SV1PAS SV1PAS PSE K

DS1PAUSSVPAS DEHPFF,PD1BPSE K...

))JTCQ DX CO DX DE SV1PAS SV1PAS PSE EU00E0SCQ DX CO DX DE SV1PAS SV1PAS PSE K

S MSQVAS UV1PAS DE PD1ANB,PD1ANB PSE K...90R2 ORZ ORZ DE SV1PAS SV1PAS PSE K

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

VFO A: 20M | VFO B: 21,008.10

14,086.19

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 | USB (normal) | CW (narrow) | CW-R (narrow)

FM (wide) | AM (wide) | RTTY (wide) | RTTY-R (wide)

Bandspread | Msgs | Scan | Memory Banks | Config | Help

DX Commander

Range: 1 | 5 | 10 | 25 | 50 | 100

14,088.5

14,088.5 EI7BFB

14,087.5 EA4AHE

14,087.0 UR7ITU

14,086.5 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: rtty sample

F5: CQ | F6: Call | F7: Over | F8: SK log | ALT | F9: ur rpt | F10: tu log grz? | F11: de mjsall | F12: mjsall (3)

sh F5 | sh F6 | sh F7 | sh F8 | sh F9 | sh F10 | sh F11 | sh F12

RTTY receive (soundcard)

Freq: 14,084.065 | Signal level & squelch: 61

AFC | Notch | BPF | Reverse | Def | Opt

RTTY transmit (soundcard)

Freq: 14,084.065 | net

Reverse | Start | Stop | Abort

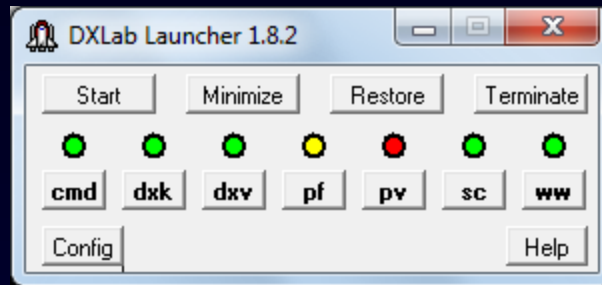
Operating Mode

CW | PSK31 | Phone | PSK63 | RTTY | PSK125

Tuning Display

Vert height: 2.0 | Horiz zoom: 1 | Horiz pan: | 14086

Een controle punt: DXLab Launcher



- Installatie
- Upgrade
- Opstarten
- Afsluiten

Dxen met DXLab

- Introductie van DXLab Suite
 - Drivers
 - Architectuur
 - Meerdere weergaven van Actieve DX
- Het vinden van de DX die u nodig heeft?
- Werken van de DX die u nodig heeft

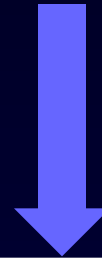
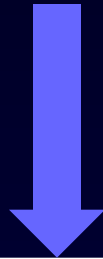
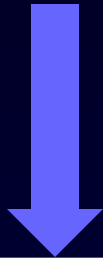
Active DX database

Telnet
Clusters

Packet
Clusters

DX
Summit

Reverse
Beacon
Network



Call	Freq	QSX	Mode	First	Last	EU	AF	SA	NA-E	NA-M	NA-W	OC	
P5DX	14.005	14.007	CW	0117Z	0341Z	Y					Y	Y	
KP1RY	21.080	21.085	RTTY	0245Z	0356Z	Y	Y	Y	Y	Y			

Meerdere weergave van actieve DX

DX Spot bron



Welke DX stations zijn QRV ?

Meerdere weergave van actieve DX

DX Spot bron



Actieve DX Database

Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

VUCC nodig

WAS nodig

WPX nodig

WAZ nodig

Gelogde
QSOs

Welke QSOs end QSLs zijn "Nodig"
voor de Awards die ik wil ?

Meerdere weergave van actieve DX

DX Spot bron



Actieve DX Database

LotW
Database

eQSLAG
Database

Welke DX stations QSL
via LotW en eQSL ?

Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

VUCC nodig

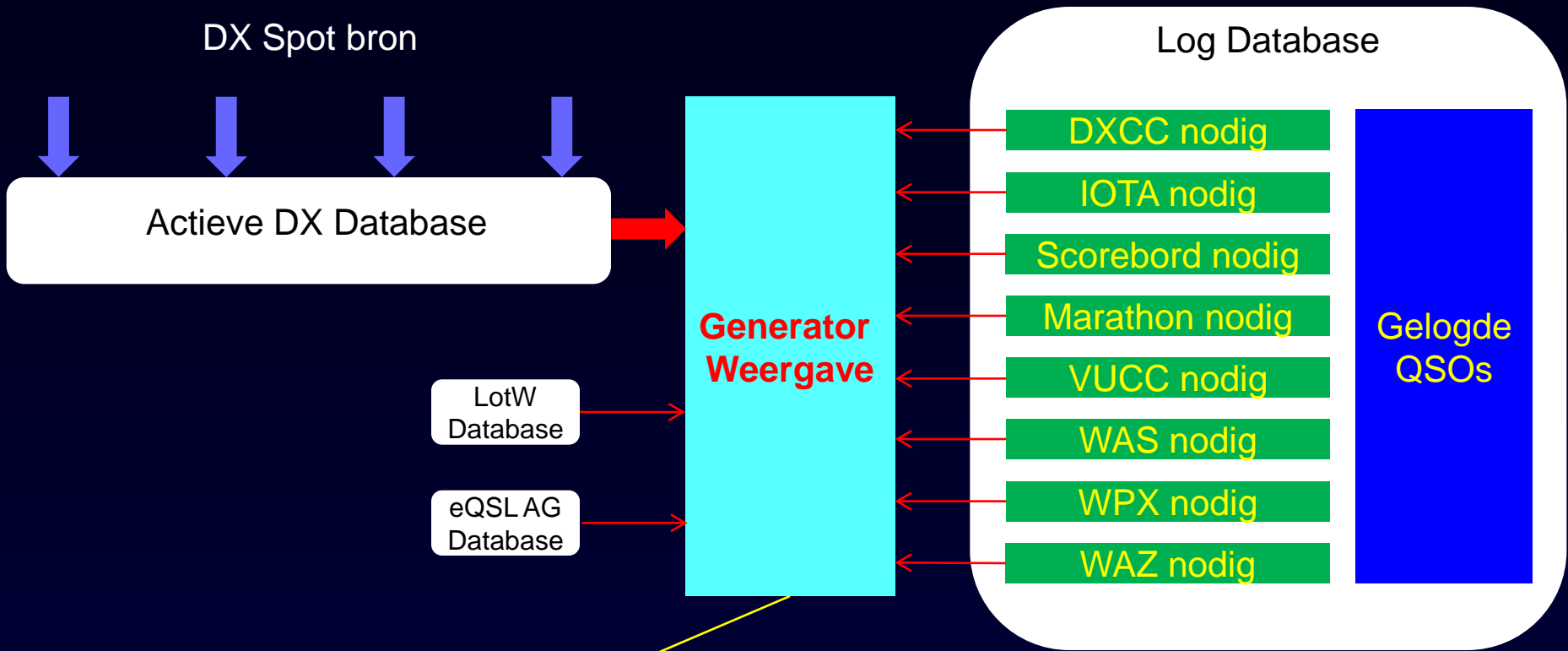
WAS nodig

WPX nodig

WAZ nodig

Gelogde
QSOs

Tabulaire weergave van actieve DX



Tabulaire weergave

Tabulaire weergave van actieve DX

“Geselecteerde Banden en Modes”

SpotCollector 7.6.6 @ 2017-04-16 19:20 Z [CC,DXK,DXV,PV,WW] 8168 entries (log: AA6YQ.mdb)

WWV 04-16 1805 Z Outgoing spot Spot source status

SFI 73 History Call 14,085.0 Freq Cluster [Color indicators]

Q: 1 A 6 T 1 K Notes Local Report Stats Prop Config Help

Need	Call	Prefix	Band	Mode	FirstTime	LastTime	Freq	QSX	Pri	CQ	IOTA	DXGrid	ODX	EU	AF	SA	NA-E	NA-M	NA-W	AS	OC	SP	SNR	SP P	LP	SNR	LP P
	TA7I	TA	20M	CW	16 1919	16 1919	14,027.4			20		KM69	3830	Y								29	82	-40	1		
	HB20MDC	HB	20M	SSB	16 1915	16 1919	14,216.0			14		JN47	515			Y		Y				28	65	-62			
	HA7JIV	HA	30M	CW	16 1918	16 1919	10,138.0			15		JN97	3931	Y								13	55	-155			
	PY1TJ	PY	10M	CW	16 1914	16 1919	28,035.0		RJ	11		GG87	4137			Y						-5	23	-56			
	N2MM	K	20M	CW	16 1911	16 1919	14,028.8		NJ	5		FM29	3727	Y								14	63	-103			
	CE7VPQ	CE	10M	SSB	16 1909	16 1919	28,445.0			12		FE33	4311			Y						15	41	-61			
	5K4R	HK	20M	SSB	16 1839	16 1919	14,214.0			9		FJ15	2304	Y		Y						35	92	-66			
	KM4TVU	K	20M	SSB	16 1919	16 1919	14,316.5		GA	5		EM73	3727	Y								43	86	-88			
D	3Y0RY	3Y-B	20M	RTTY	16 1920	16 1920	14,085.0			38	AN-002	JD14	1	Y								11	52	-50			
	KC1YL	K	20M	SSB	16 1903	16 1920	14,315.0		CT	5		FN31	319	Y			Y					27	70	-73			
	HI8/KB1KK	HI	20M	RTTY	16 1920	16 1920	14,074.0			8		FK49	3830	Y								44	100	-82			
	8Q7VB	8Q	30M	CW	16 1717	16 1920	10,107.0	10,108.0		22	AS-013	MJ64	3486	Y							Y	-5	1	-117			
	PU2KOB	PY	10M	RTTY	16 1920	16 1920	28,076.0		SP	11		GG57	1047				Y					-8	18	-63			
	V31MA	V3	15M	CW	16 1920	16 1920	21,004.1			7		EK57	2503						Y			37	91	-49			

Sort: First Call Last Freq Rcv Az

Filter: Band and Mode and Origin

Audio Age LotW eQSL Mthn C S C

Color codes:
■ verified ■ unwrkd B or M ■ LotW
■ unneeded ■ unwrkd counter ■ eQSL AG
■ unconfmd ■ special tag ■ LotW & eQSL AG

Gekleurde lettertypes geven de “benodigde” DX stations weer

Achtergrond kleuren geven de deelname aan LotW en eQSL weer

Band filter

SpotCollector Band Filter

Transceiver Band Only Enable Start/End & Max Origin DX Filtering

Band	Enable	Start UTC	End UTC	Max origin DX	Band	Enable	Start UTC	End UTC	Max origin DX
160m	<input checked="" type="checkbox"/>	SS-30	SR+45		6m	<input checked="" type="checkbox"/>			250
80m	<input checked="" type="checkbox"/>	SS-60	SR+90		4m	<input type="checkbox"/>			
60m	<input type="checkbox"/>				2m	<input type="checkbox"/>			
40m	<input checked="" type="checkbox"/>	SS-120	SR+120		1.25m	<input type="checkbox"/>			
30m	<input checked="" type="checkbox"/>				70cm	<input type="checkbox"/>			
20m	<input checked="" type="checkbox"/>				33cm	<input type="checkbox"/>			
17m	<input checked="" type="checkbox"/>				23cm	<input type="checkbox"/>			
15m	<input checked="" type="checkbox"/>				12cm	<input type="checkbox"/>			
12m	<input checked="" type="checkbox"/>				?	<input type="checkbox"/>			
10m	<input checked="" type="checkbox"/>								

None Top Low Tri Warc HF VHF UHF Micro All

Sunrise & Sunset
Sunrise UTC Sunset UTC

Ignore
 Start & End times Max origin DX

Mode filter

SpotCollector Mode Filter

<input checked="" type="checkbox"/> SSB	<input checked="" type="checkbox"/> AM	<input checked="" type="checkbox"/> FM		<input checked="" type="checkbox"/> CW	<input checked="" type="checkbox"/> CCW	<input checked="" type="checkbox"/> RTTY	<input checked="" type="checkbox"/> ?
<input checked="" type="checkbox"/> Amtor	<input checked="" type="checkbox"/> AmtorFEC	<input checked="" type="checkbox"/> Ascii		<input checked="" type="checkbox"/> Hell	<input checked="" type="checkbox"/> FMHell	<input checked="" type="checkbox"/> PSKHell	<input checked="" type="checkbox"/> Hell80
<input checked="" type="checkbox"/> ATV	<input checked="" type="checkbox"/> FAX	<input checked="" type="checkbox"/> SSTV		<input checked="" type="checkbox"/> HFSK	<input checked="" type="checkbox"/> PAX	<input checked="" type="checkbox"/> PAX2	
<input checked="" type="checkbox"/> Packet	<input checked="" type="checkbox"/> Clover	<input checked="" type="checkbox"/> GTOR		<input checked="" type="checkbox"/> Factor	<input checked="" type="checkbox"/> Factor2	<input checked="" type="checkbox"/> Factor3	<input checked="" type="checkbox"/> WINMOR
<input checked="" type="checkbox"/> PSK31	<input checked="" type="checkbox"/> PSK63	<input checked="" type="checkbox"/> PSK125	<input checked="" type="checkbox"/> PSK250	<input checked="" type="checkbox"/> PSK63F	<input checked="" type="checkbox"/> PSK220F		<input checked="" type="checkbox"/> MT63
<input checked="" type="checkbox"/> QPSK31	<input checked="" type="checkbox"/> QPSK63	<input checked="" type="checkbox"/> QPSK125	<input checked="" type="checkbox"/> QPSK250	<input checked="" type="checkbox"/> PSK10	<input checked="" type="checkbox"/> PSKFEC31		<input checked="" type="checkbox"/> Q15
<input checked="" type="checkbox"/> PSKAM10	<input checked="" type="checkbox"/> PSKAM31	<input checked="" type="checkbox"/> PSKAM50		<input checked="" type="checkbox"/> MFSK8	<input checked="" type="checkbox"/> MFSK16		<input checked="" type="checkbox"/> FSK31
<input checked="" type="checkbox"/> Chip64	<input checked="" type="checkbox"/> Chip128	<input checked="" type="checkbox"/> ROS	<input checked="" type="checkbox"/> Thor	<input checked="" type="checkbox"/> DominoEX	<input checked="" type="checkbox"/> DominoF		<input checked="" type="checkbox"/> ALE
<input checked="" type="checkbox"/> Olivia	<input checked="" type="checkbox"/> Contestia	<input checked="" type="checkbox"/> RTTYM	<input checked="" type="checkbox"/> Voi	<input checked="" type="checkbox"/> Throb	<input checked="" type="checkbox"/> ThrobX		<input checked="" type="checkbox"/> JT9
<input checked="" type="checkbox"/> JT44	<input checked="" type="checkbox"/> JT4A	<input checked="" type="checkbox"/> JT4B	<input checked="" type="checkbox"/> JT4C	<input checked="" type="checkbox"/> JT4D	<input checked="" type="checkbox"/> JT4E	<input checked="" type="checkbox"/> JT4F	<input checked="" type="checkbox"/> JT4G
<input checked="" type="checkbox"/> FSK441	<input checked="" type="checkbox"/> WSPR	<input checked="" type="checkbox"/> JT6M		<input type="checkbox"/> JT65	<input type="checkbox"/> JT65A	<input type="checkbox"/> JT65B	<input type="checkbox"/> JT65C

None All

Tabulaire weergave van actieve DX

“Geselecteerde Banden en Modes”

SpotCollector 7.6.6 @ 2017-04-16 19:20 Z [CC,DXK,DXV,PV,WW] 8168 entries (log: AA6YQ.mdb)

WV 04-16 1805 Z Outgoing spot Spot source status

SFI 73 History Call 14,085.0 Freq Cluster [Color indicators]

Q: 1 A 6 1 K Notes X Local Report Stats Prop Config Help

Need	Call	Prefix	Band	Mode	FirstTime	LastTime	Freq	QSOX	Pri	CQ	IOTA	DXGrid	ODX	EU	AF	SA	NA-E	NA-M	NA-W	AS	OC	SP SNR	SP P	LP SNR	LP P
	TA7I	TA	20M	CW	16 1919	16 1919	14,027.4			20		KM69	3830	Y								29	82	-40	1
	HB20MDC	HB	20M	SSB	16 1915	16 1919	14,216.0			14		JN47	515			Y		Y				28	65	-62	
	HA7JIV	HA	30M	CW	16 1918	16 1919	10,138.0			15		JN97	3931	Y								13	55	-155	
	PY1TJ	PY	10M	CW	16 1914	16 1919	28,035.0		RJ	11		GG87	4137			Y						-5	23	-56	
	N2MM	K	20M	CW	16 1911	16 1919	14,028.8		NJ	5		FM29	3727	Y								14	63	-103	
	CE7VPQ	CE	10M	SSB	16 1909	16 1919	28,445.0			12		FE33	4311			Y						15	41	-61	
	5K4R	HK	20M	SSB	16 1839	16 1919	14,214.0			9		FJ15	2304	Y		Y						35	92	-66	
	KM4TVU	K	20M	SSB	16 1919	16 1919	14,316.5		GA	5		EM73	3727	Y								43	86	-88	
D	3Y0RY	3Y-B	20M	RTTY	16 1920	16 1920	14,085.0			38	AN-002	JD14	1	Y								11	52	-50	
	KC1YL	K	20M	SSB	16 1903	16 1920	14,315.0		CT	5		FN31	319	Y			Y					27	70	-73	
	HI8/KB1KK	HI	20M	RTTY	16 1920	16 1920	14,074.0			8		FK49	3830	Y								44	100	-82	
	8Q7VB	8Q	30M	CW	16 1717	16 1920	10,107.0	10,108.0		22	AS-013	MJ64	3486	Y							Y	-5	1	-117	
	PU2KOB	PY	10M	RTTY	16 1920	16 1920	28,076.0		SP	11		GG57	1047				Y					-8	18	-63	
	V31MA	V3	15M	CW	16 1920	16 1920	21,004.1			7		EK57	2503						Y			37	91	-49	

Sort: First Call Last Freq Rcv Az

Filter: Band and Mode and Origin

Color codes: verified unneeded unconfmd unwrkd B or M unwrkd counter special tag Lot/W eQSL AG Lot/W & eQSL AG

Op 80m tot 10m berekent PropView's VOACAP-programma de

- Korte weg SNR en kans
- Lange weg SNR en kans

Tabulaire weergave van actieve DX

“Benodigde DX op geselecteerde Banden en Modes met SP Prob > 50%”

SpotCollector 7.6.6 @ 2017-04-16 19:29 Z [CC,DXK,DXV,PV,WW] 1 entries (log: AA6YQ.mdb)

WWV 04-16 1805 Z

Outgoing spot: Call: 14,085.0 Freq Cluster

Spot source status: [6 status indicators]

Need	Call	Prefix	Band	Mode	FirstTime	LastTime	Freq	QSO	Pri	CQ	IOTA	DXGrid	ODX	EU	AF	SA	NA-E	NA-M	NA-W	AS	OC	SP SNR	SP P	LP SNR	LP P	Re
D	3Y0RY	3Y-B	20M	RTTY	16 1920	16 1920	14,085.0			38	AN-002	JD14	1	Y								11	52	-50		

Sort: First, Last, Rcv, Call, Freq, Az

Filter: SQL [Need50]

Color codes: verified, unneeded, unconfmd, unwrkd B or M, unwrkd counter, special tag, LotW, eQSL AG, LotW & eQSL AG

Tabulaire weergave van actieve DX

overal in een webbrowser

SFI = 137, A = 4, K = 2

DX Spots @ 5/12/2013 0615Z

50096.55 USB

Callsign	DXCC	Freq	Mode	Source	NAE	LastTime	Notes	DXCC Entity	Network
VU7KV	VU7	28,494.0	SSB	VK3SX		05-May-13 0508Z	Tnx fb signals VK3	Lakshadweep Islands	EI7MRE
VU7KV	VU7	28,518.0	SSB	VK2DAG-@		05-May-13 0531Z	VK/ZL only	Lakshadweep Islands	CQDX
VU7KV	VU7	24,960.0	SSB	RU6L		05-May-13 0641Z	simplex	Lakshadweep Islands	VE1DX
VU7KV	VU7	24,960.0	SSB	F4FEP		05-May-13 1200Z	but bad grg qrm here 970 NA	Lakshadweep Islands	EI7MRE
VU7KV	VU7	24,950.0	SSB	K50A		05-May-13 1529Z	no copy my qth esp only	Lakshadweep Islands	VE1DX
VU7KV	VU7	24,961.6	SSB	IWOHBY	Y	05-May-13 1707Z	nw strong	Lakshadweep Islands	EI7MRE
VU7KV	VU7	24,962.0	SSB	W4QN	Y	05-May-13 1928Z	not VU7 he is QRT and on a boa	Lakshadweep Islands	VE1DX
P51X	P5	21,030.0	CW	OH6PP-@		09-May-13 0927Z	correction call	DPRK (North Korea)	CQDX
VK9NT	VK9-N	1,821.7	CW	K5UR		09-May-13 1111Z		Norfolk Is	CQDX
9M2AX	9M2	1,831.5	CW	YC1COZ		09-May-13 1154Z	cq cq	West Malaysia	VE1DX
ZD8VHF/B	ZD8	50,032.5	CW	K1TOL	Y	09-May-13 2124Z	weak, in/out>ME	Ascension Island	EI7MRE
VK9NT	VK9-N	1,807.9	CW	JK7LXU		09-May-13 2154Z	UP1 599 TNX	Norfolk Is	JH1RFM
YC1COZ	YB	1,806.5	CW	9M2AX		09-May-13 2232Z	cqng	Indonesia	EI7MRE
9M2AX	9M2	1,831.5	CW	YC1COZ		09-May-13 2255Z	cq cq	West Malaysia	EI7MRE
ZD8VHF/B	ZD8	50,032.7	CW	N3DB	Y	10-May-13 2101Z	419	Ascension Island	VE1DX
UP0L	UN	1,834.7	CW	RX9CAZ		11-May-13 2031Z	MN83	Kazakhstan	VE7CC
CX2TQ	CX	50,115.0	SSB	N3DB	Y	11-May-13 2041Z	S9	Uruguay	VE1DX
CX9AU	CX	50,110.0	CW	N3DB	Y	11-May-13 2045Z	S9 cw	Uruguay	EI7MRE
CX2TQ	CX	50,110.0	SSB	K7BV	Y	11-May-13 2048Z	55 SSB	Uruguay	EI7MRE
CX9AU	CX	50,098.0	CW	K4QI-@	Y	11-May-13 2118Z	em85<>gf15 cqng 559	Uruguay	CQDX

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

X Need Call DXCC Freq Tag Band Mode Cont Orig SQL Config

Tabulaire weergave van actieve DX

overal in een webbrowser

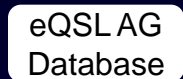
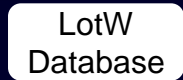


Audio en Email weergave van actieve DX

DX Spot bron



Actieve DX Database



Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

VUCC nodig

WAS nodig

WPX nodig

WAZ nodig

Gelogde
QSOs



Audio & Email

Audio en Email weergave van actieve DX

Het creëren van een nieuwe Actieve DX Database invoer die een nodig DX-station kan triggeren

- Een audiobericht (callign, "counter", band, mode)
- Een uitgaand e-mailbericht (die een tekstbericht kan starten)

Wereldkaart weergave van actieve DX

DX Spot bron



Actieve DX Database



LotW Database



eQSLAG Database



**Generator
Weergave**

Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

VUCC nodig

WAS nodig

WPX nodig

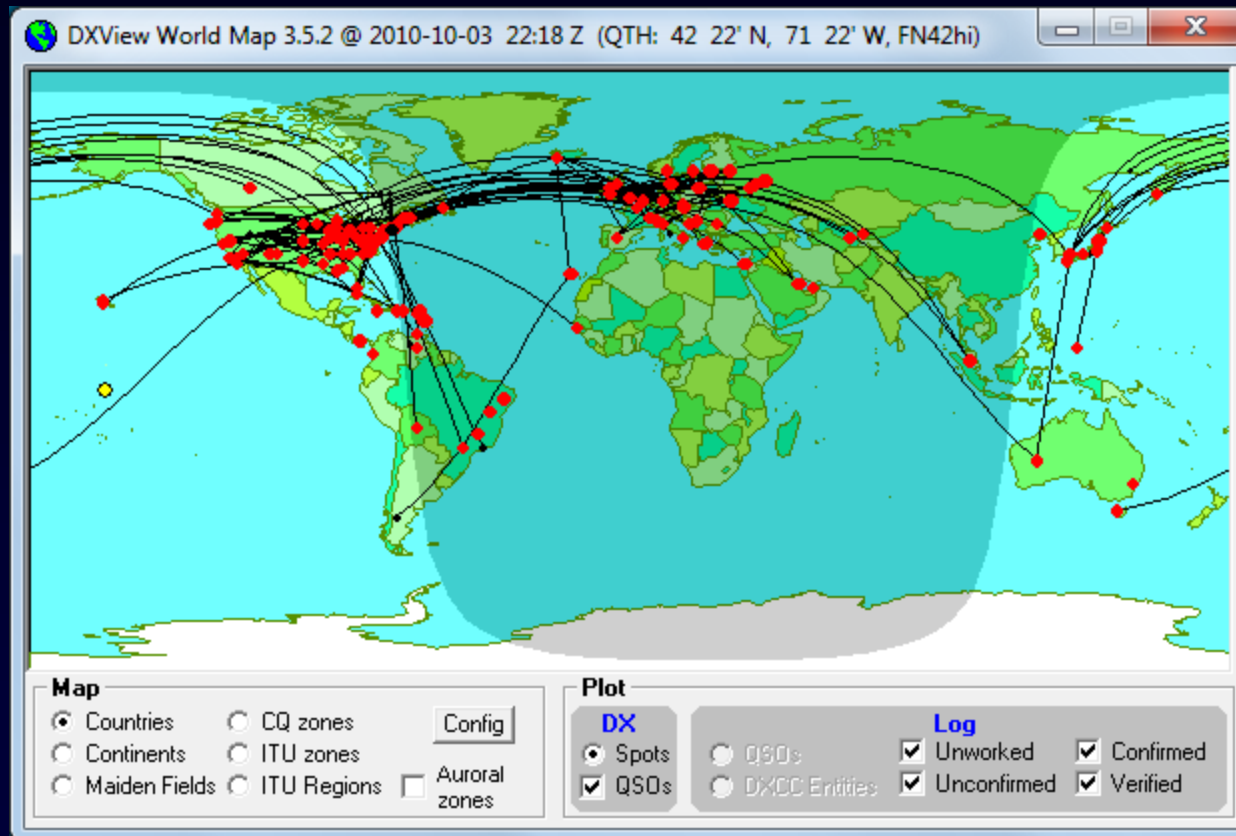
WAZ nodig

Gelogde
QSOs



Wereldkaart weergave van actieve DX

“Actieve DX op geselecteerde banden”



Wereldkaart weergave van actieve DX

De kaartweergave beheren

DXView Configuration

General Plot Settings Rotator Control World Map Overrides Databases

Selection

Spots
 QSOs
3 Lifetime (hrs)

Log: AA6YQ.mdb

QSOs Unworked
 Unconfirmed
 Confirmed
 DXCC Entities Verified

Scan DX Bands

160m 80m 60m 40m 30m 20m 17m 15m 12m 10m 6m 4m 2m 70cm ann dwell 2

Band Filter

160m 80m 60m 40m 30m 20m 17m 15m 12m 10m 6m 4m 2m 70cm ?

Xcvr band only

Mode Filter

SSB CW RTTY AM FM ?

Amtor Ascii ATV Chip64 Clover FAX FSK31 FSK441 GTOR

Hell HFSK JT44 JT65 JT9 MFSK8 MFSK16 MT63 Olivia Packet

Pactor Pactor2 Pactor3 PSK31 PSK63 PSK125 Q15 SSTV Throb

Continent Filter

NA SA EU AF AS OC AN ?

Origin Filter

NAE NAM NAW SA EU AF AS OC ?

Wereldkaart weergave van actieve DX

De kaartweergave beheren

DXView Configuration

General Plot Settings Rotator Control World Map Overrides Databases

Selection

Spots
 QSOs
3 Lifetime (hrs)

Log: AA6YQ.mdb

QSOs Unworked
 Unconfirmed
 Confirmed
 DXCC Entities Verified

Scan DX Bands

160m 80m 60m 40m 30m 20m 17m 15m 12m 10m 6m 4m 2m 70cm ann dwell 2

Band Filter

160m 80m 60m 40m 30m 20m 17m 15m 12m 10m 6m 4m 2m 70cm ?

Xcvr band only

Mode Filter

SSB CW RTTY AM FM ?

Amtor Ascii ATV Chip64 Clover FAX FSK31 FSK441 GTOR

Hell HFSK JT44 JT65 JT9 MFSK8 MFSK16 MT63 Olivia Packet

Pactor Pactor2 Pactor3 PSK31 PSK63 PSK125 Q15 SSTV Throb

Continent Filter

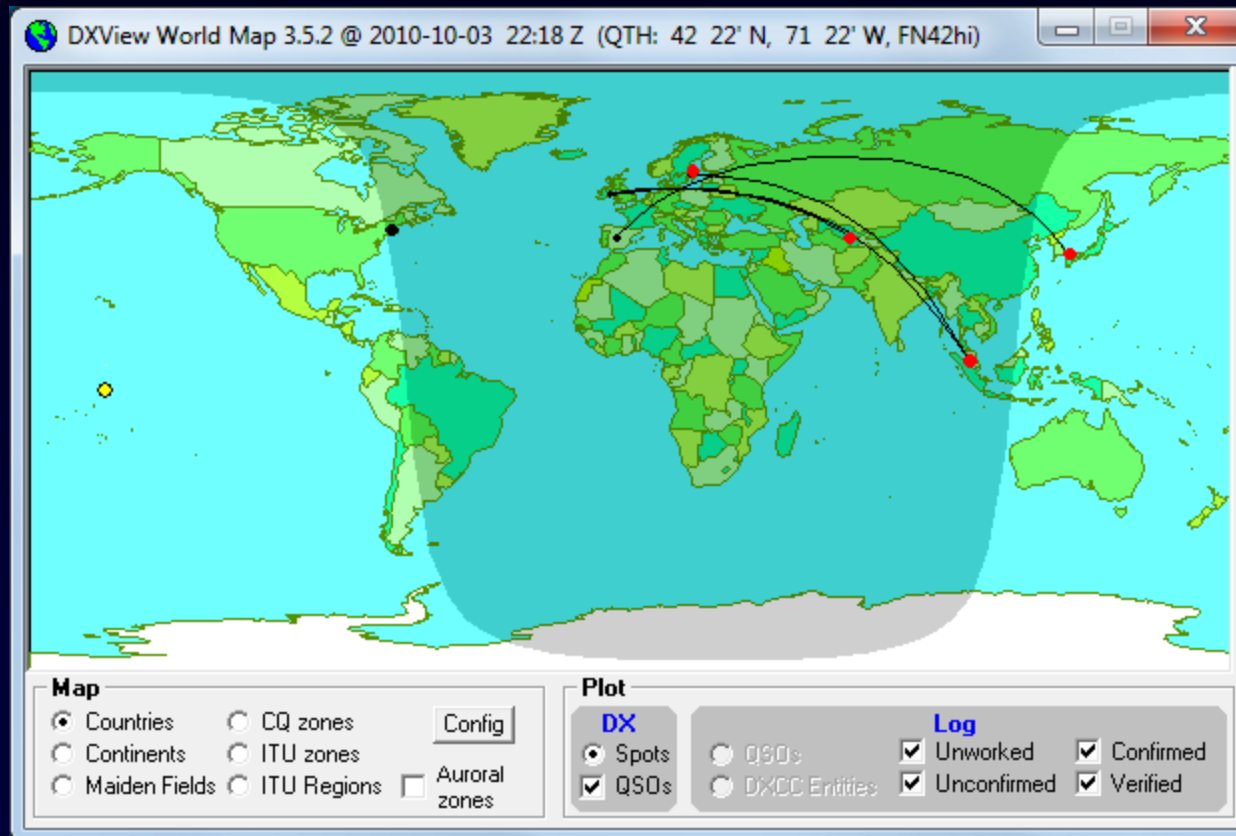
NA SA EU AF AS OC AN ?

Origin Filter

NAE NAM NAW SA EU AF AS OC ?

Wereldkaart weergave van actieve DX

“160m”



Wereldkaart weergave van actieve DX

Scannen van DX

DXView Info 4.3.3 @ 2017-04-18 16:43:07 Z [CC,SC,PV]

Search **DXCC**

callsign prefix entity code

GeoMag max K

Ant

0
45
90
135
180
225
270
315
Spratley
Macao
Park

Location @ 2017-04-18 16:43:07 local **DXCC database**

latitude longitude SP DX cont grid CQ ITU

location IOTA time zone

Heading short long

Special Callsign Tags

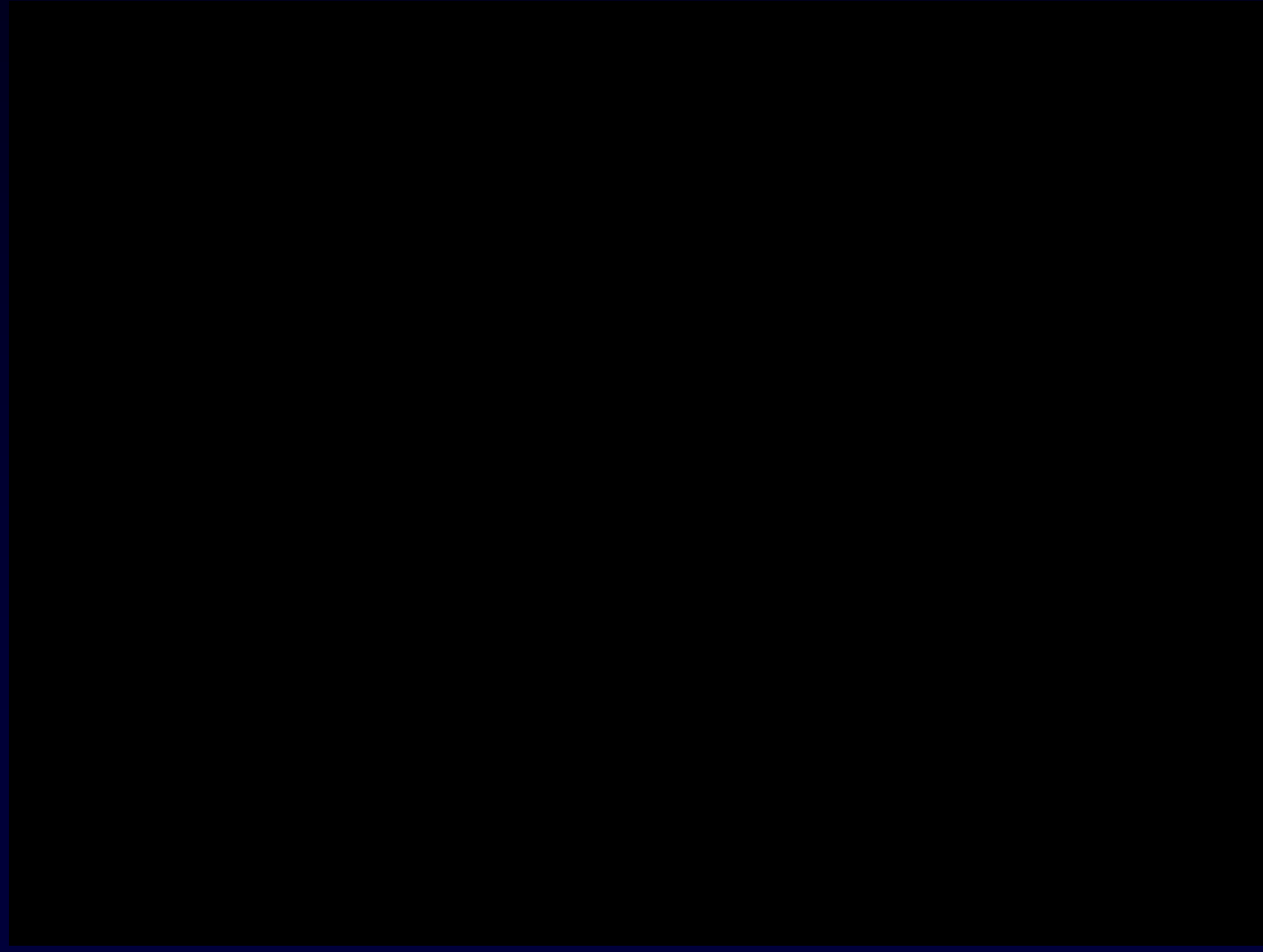
3Y-B Progress [AA6YQ.mdb]

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

Map

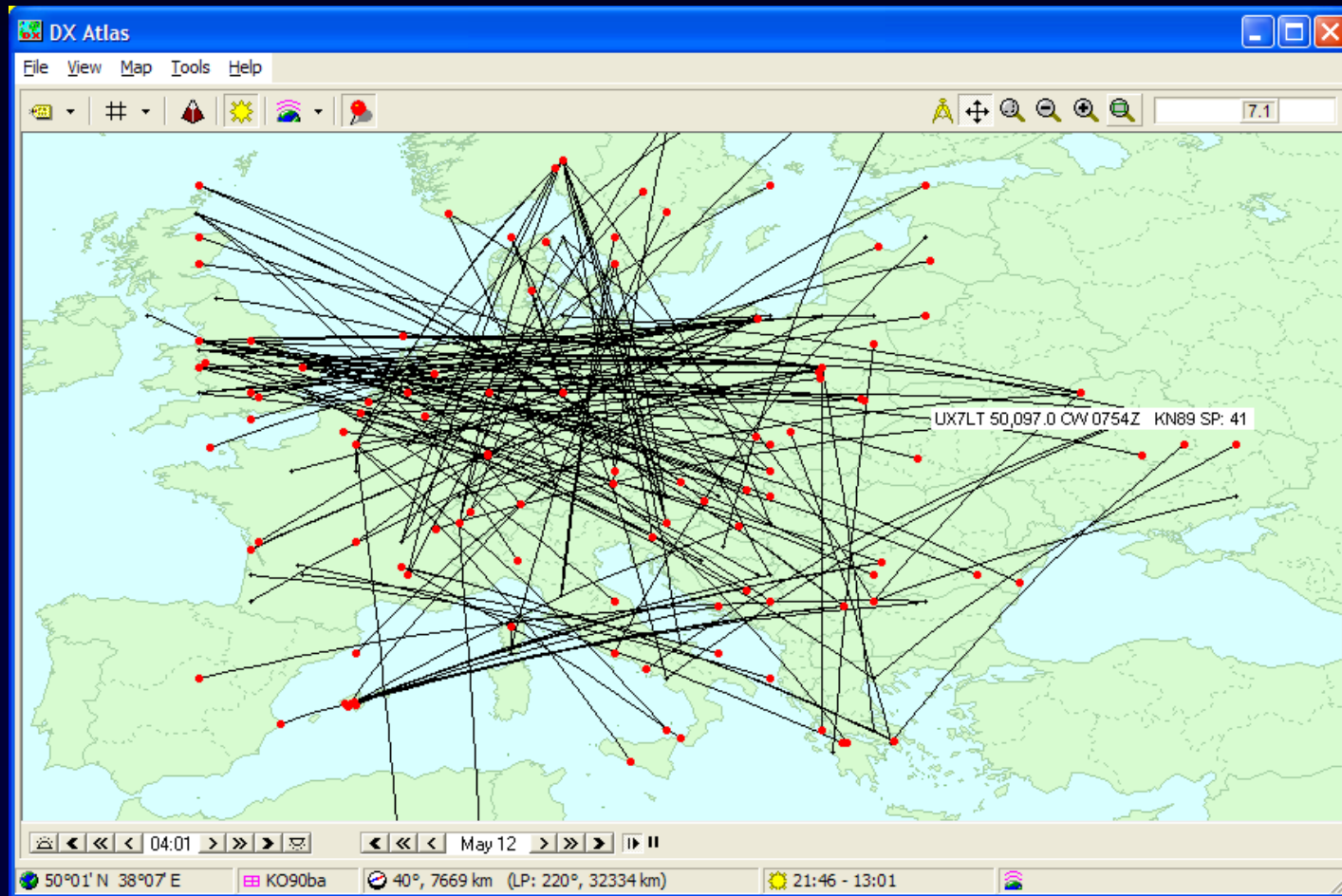
Wereldkaart weergave van actieve DX

Scannen van DX



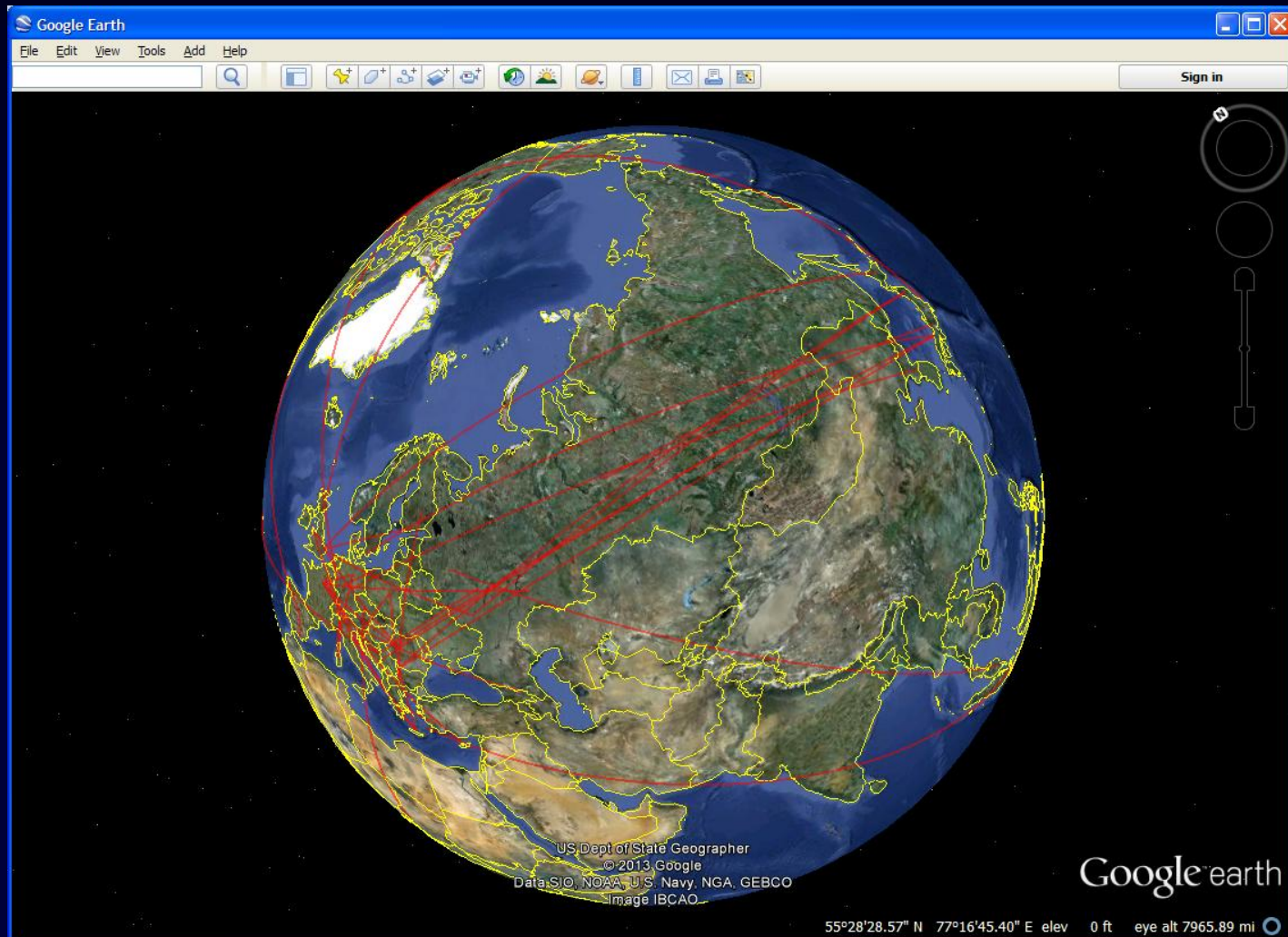
Wereldkaart weergave van actieve DX

“6m” met DX Atlas



Wereldkaart weergave van Actieve DX

“12m” met Google Earth



Weergave bandspreiding van actieve DX

DX Spot bron



Actieve DX Database



LotW Database



eQSLAG Database



**Generator
Weergave**

Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

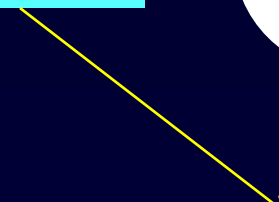
VUCC nodig

WAS nodig

WPX nodig

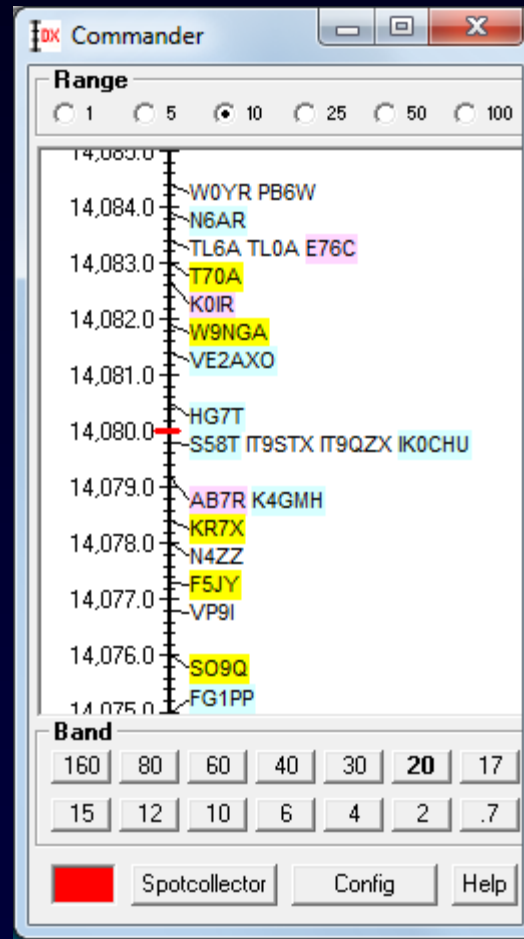
WAZ nodig

Gelogde
QSOs

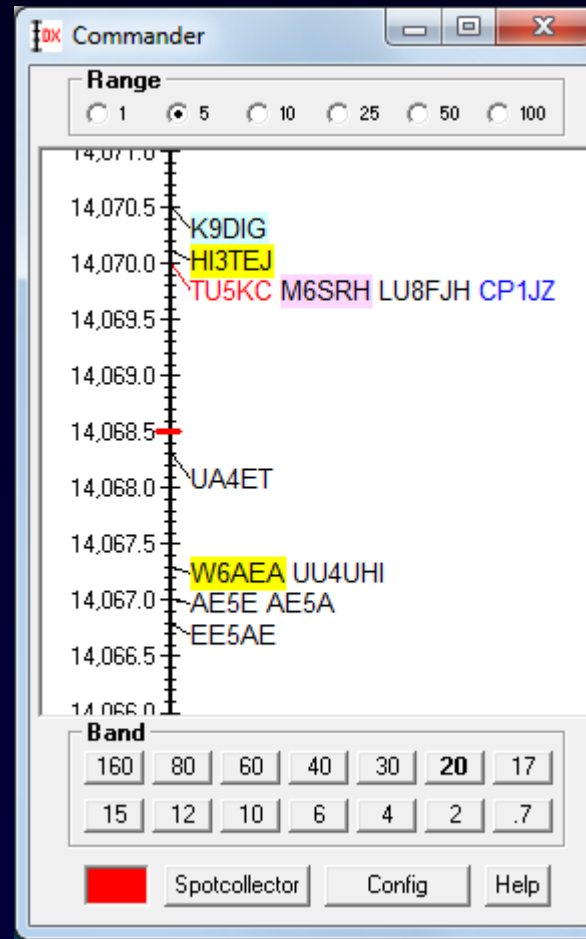


Bandspreiding

Weergave bandspreiding van actieve DX



Weergave bandspreiding van actieve DX



Weergave propagatie van actieve DX

DX Spot bron



Actieve DX Database



LotW
Database



eQSLAG
Database



Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

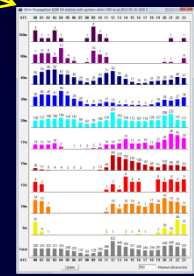
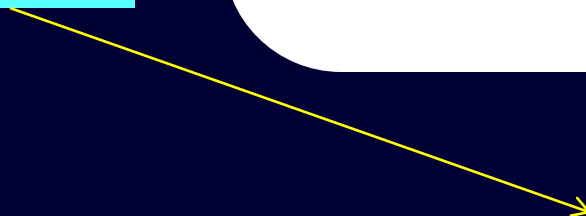
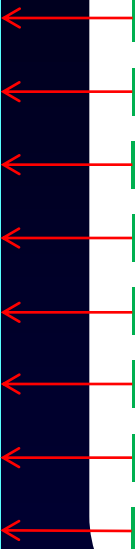
VUCC nodig

WAS nodig

WPX nodig

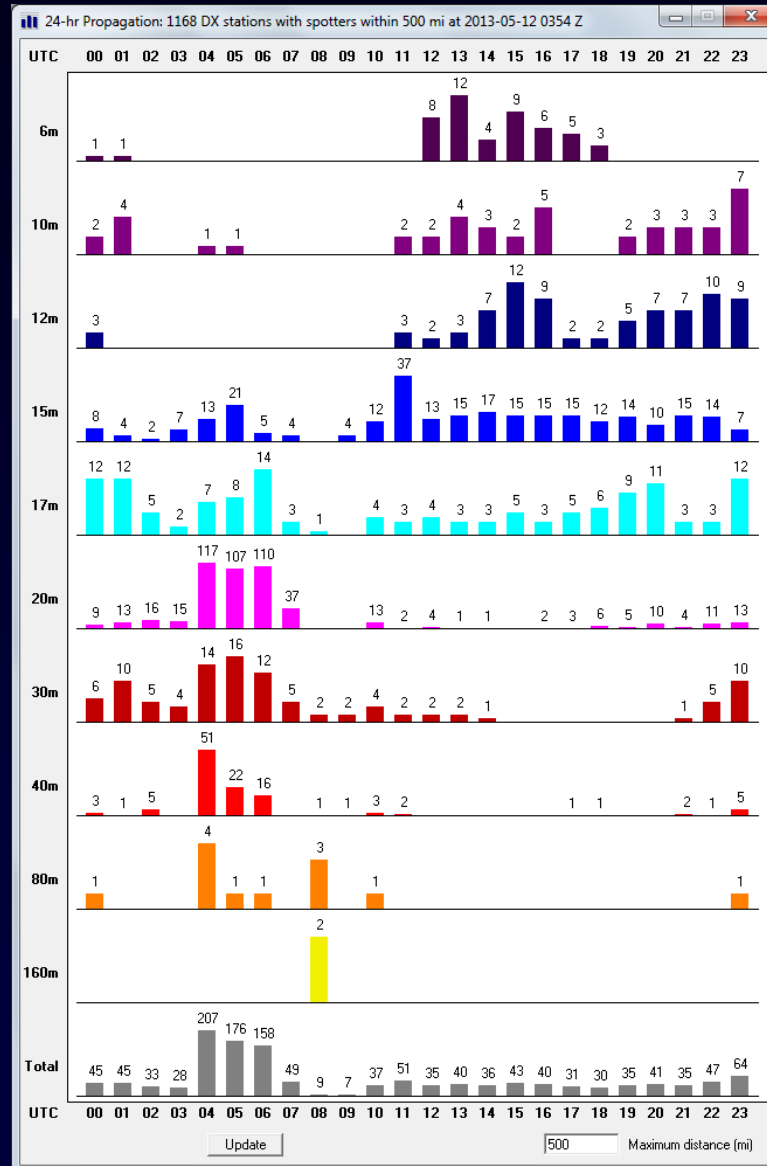
WAZ nodig

Gelogde
QSOs

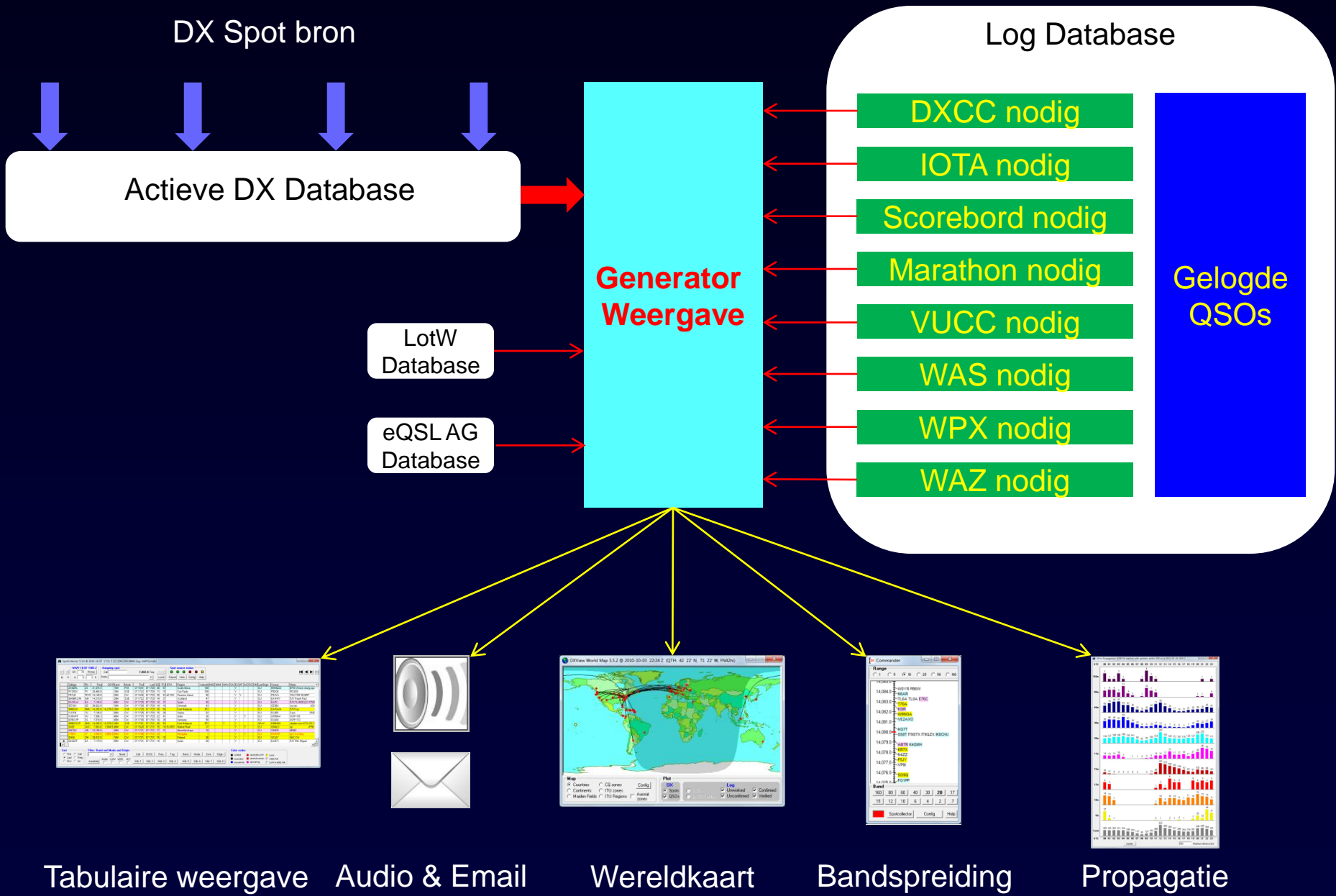


Propagatie

Weergave propagatie van actieve DX



Meerdere weergaven van actieve DX



DX Spot bron

Actieve DX Database

Generator Weergave

Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

VUCC nodig

WAS nodig

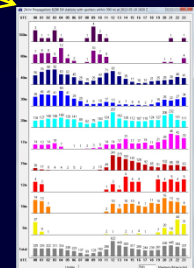
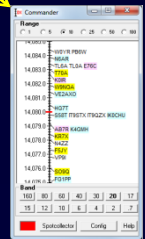
WPX nodig

WAZ nodig

Gelogde QSOs

LotW Database

eQSLAG Database



Tabulaire weergave

Audio & Email

Wereldkaart

Bandspreiding

Propagatie

DXen met DXLab

- Introductie van DXLab Suite
 - Drivers
 - Architectuur
 - Meerdere weergaven van Actieve DX
- Het vinden van de DX die u nodig heeft?
- Werken van de DX die u nodig heeft

DXing met DXLab

- Introductie van DXLab Suite
 - Drivers
 - Architectuur
 - Meerdere weergaven van Actieve DX
- Het vinden van de DX die u nodig heeft?
- Werken van de DX die u nodig heeft

Vind en werkt, benodigde DX

1. Wat is er QRV dat ik nodig heb?
2. Mount Athos werken

Wat zijn mijn DX doelen?

DXCC Bands & Modes

<input checked="" type="checkbox"/> 160M	<input checked="" type="checkbox"/> Phone	HF
<input checked="" type="checkbox"/> 80M	<input checked="" type="checkbox"/> CW	
<input checked="" type="checkbox"/> 40M	<input checked="" type="checkbox"/> Digital	VHF
<input checked="" type="checkbox"/> 30M	<input type="checkbox"/> PSK	
<input checked="" type="checkbox"/> 20M		
<input checked="" type="checkbox"/> 17M	<input type="checkbox"/> QRP	
<input checked="" type="checkbox"/> 15M		
<input checked="" type="checkbox"/> 12M		
<input checked="" type="checkbox"/> 10M		
<input checked="" type="checkbox"/> 6M		
<input type="checkbox"/> 2M		

Hide unworked in progress rpt

Marathon Bands & Modes

<input checked="" type="checkbox"/> 160M	<input type="checkbox"/> Phone	HF
<input type="checkbox"/> 80M	<input type="checkbox"/> CW	
<input type="checkbox"/> 60M	<input type="checkbox"/> Digital	VHF
<input type="checkbox"/> 40M		
<input type="checkbox"/> 30M	<input type="checkbox"/> Mixed	
<input type="checkbox"/> 20M	<input checked="" type="checkbox"/> Include QSOs with no prop	
<input type="checkbox"/> 17M		
<input type="checkbox"/> 15M	<input type="text" value="1500"/>	
<input type="checkbox"/> 12M	Max TX power	
<input type="checkbox"/> 10M	Year, Category, Score Sheet Info	
<input type="checkbox"/> 6M		
<input type="checkbox"/> 2M		

Realtime Award Progress

WPX Bands & Modes

<input type="checkbox"/> 160M	<input type="checkbox"/> SSB	HF
<input type="checkbox"/> 80M	<input type="checkbox"/> CW	
<input type="checkbox"/> 60M	<input type="checkbox"/> Digital	
<input type="checkbox"/> 40M		
<input type="checkbox"/> 30M	<input type="checkbox"/> Mixed	
<input type="checkbox"/> 20M		
<input type="checkbox"/> 17M		
<input type="checkbox"/> 15M		
<input type="checkbox"/> 12M		
<input type="checkbox"/> 10M		
<input type="checkbox"/> 6M		

Realtime Award Progress

IOTA

IOTAmem4win update

Realtime Award Progress

DXCC Submission

Submit deleted entities

Record Sheet lines/page

Marathon Submission

Confirmed QSOs are low risk

VUCC & WAS Submission

QSL Card

LotW

DXCC Credits

Credit-only QSO creation

QSL Config Help

VUCC Bands & Modes

<input checked="" type="checkbox"/> 6M		
<input type="checkbox"/> 2M		
<input type="checkbox"/> 1.25M		
<input type="checkbox"/> 70 CM		
<input type="checkbox"/> 33 CM		
<input type="checkbox"/> 23 CM		
<input type="checkbox"/> 13 CM and up		
<input type="checkbox"/> Satellite		

Realtime Award Progress

WAS Bands & Modes

<input checked="" type="checkbox"/> 160M	<input type="checkbox"/> Phone	HF
<input type="checkbox"/> 80M	<input type="checkbox"/> CW	
<input type="checkbox"/> 40M	<input type="checkbox"/> RTTY	VHF
<input type="checkbox"/> 30M	<input type="checkbox"/> Digital	
<input type="checkbox"/> 20M	<input type="checkbox"/> SSTV	
<input type="checkbox"/> 17M		
<input type="checkbox"/> 15M	<input type="checkbox"/> Sat	
<input type="checkbox"/> 12M	<input type="checkbox"/> EME	
<input type="checkbox"/> 10M	<input type="checkbox"/> QRP	
<input checked="" type="checkbox"/> 6M	<input type="checkbox"/> Mixed (Basic)	
<input type="checkbox"/> 2M		
<input type="checkbox"/> 1.25M		
<input type="checkbox"/> 70CM		

Realtime Award Progress

WAZ Bands & Modes

	M i x e d	S S B	C W	R T Y	A M	S S T V	D i g i t a l
Mixed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
160M	<input type="checkbox"/>						
80M	<input type="checkbox"/>						
40M	<input type="checkbox"/>						
30M	<input type="checkbox"/>						
20M	<input type="checkbox"/>						
17M	<input type="checkbox"/>						
15M	<input type="checkbox"/>						
12M	<input type="checkbox"/>						
10M	<input type="checkbox"/>						
6M	<input type="checkbox"/>						

5-band WAZ

Realtime Award Progress

Wat is er QRV dat ik nodig heb?

SpotCollector 7.6.6 @ 2017-04-16 19:45 Z [CC,DXK,DXV,PV,WW] 5 entries (log: AA6YQ.mdb)

WV 04-16 1805 Z

SFI 73 History

Call: 14.085.0 Freq Cluster

Spot source status: [6 green lights]

Notes: X Local

Report Stats Prop Config Help

Need	Call	Prefix	Band	Mode	FirstTime	LastTime	Freq	QSO	Pri	CQ	IOTA	DXGrid	ODX	EU	AF	SA	NA-E	NA-M	NA-W	AS	OC	SP SNR	SP P	LP SNR	LP P	
D	DS5USH	HL	30M	PSK63	14 1802	14 1802	10,140.9			25		PM47	4179	Y								-6	2	-112		
D	DS4AOW	HL	30M	CW	15 1556	15 1714	10,108.0	10,109.0		25		PM47	3983	Y							Y		-7	1	-113	
D	DS4AOW	HL	30M	CW	15 1819	15 1944	10,108.0	10,109.0		25		PM47	3539	Y		Y							-5	2	-111	
S	KC3BVL	K	6M	SSB	16 1521	16 1606	50,280.0		PA	5		FN20	228				Y									
D	DS4AOW	HL	30M	RTTY	16 1613	16 1618	10,146.0			25		PM47	3444	Y									-5	3	-110	

Sort: First Call Last Freq Rcv Az

Filter: Band and Mode and Origin and [Unconfirmed DXCC, Marathon, YUCC, WAS]

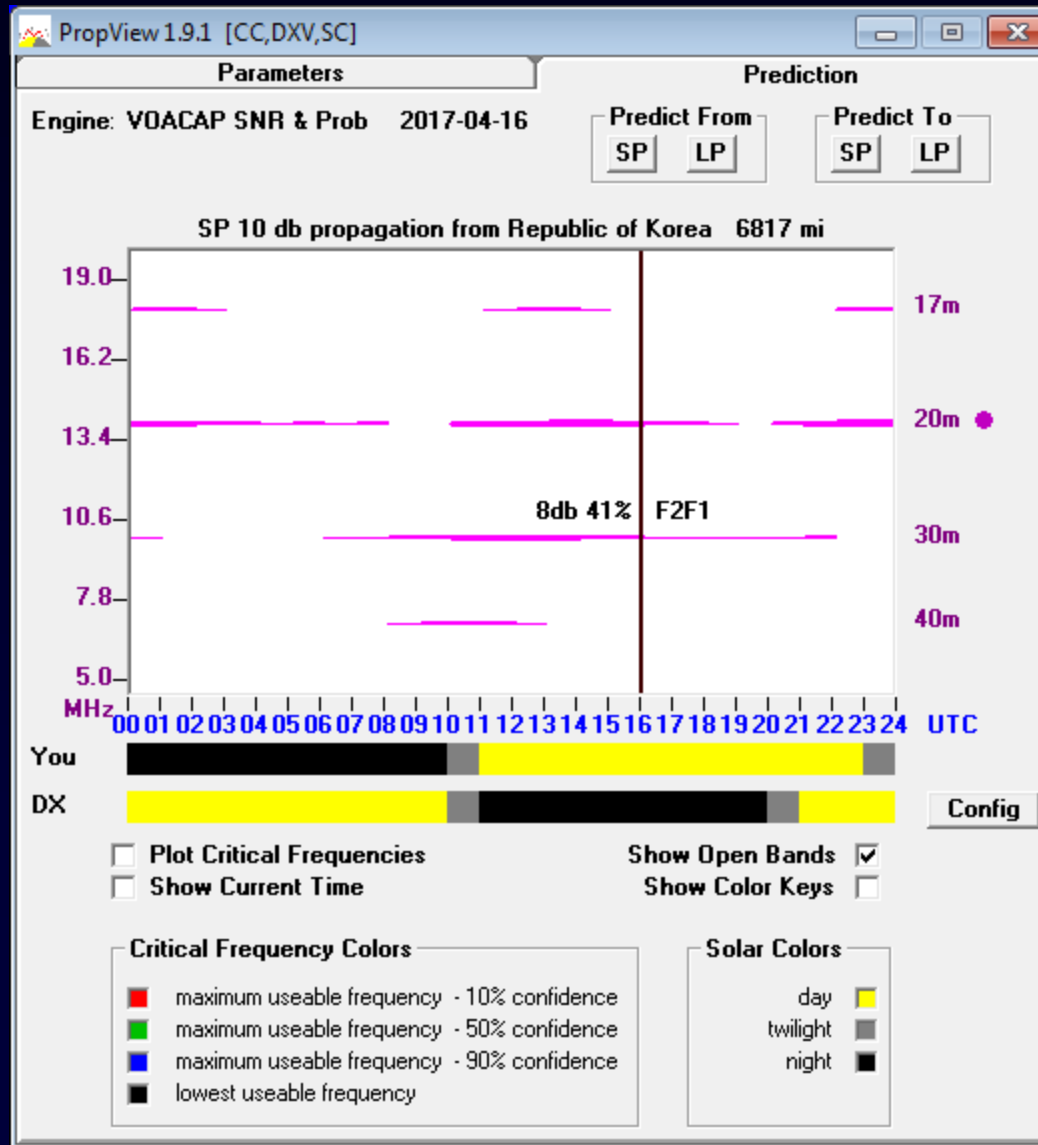
Filter buttons: AH, Need, Call, DXCC, Freq, Tag, Band, Mode, Cont, Origin

Color codes:
 [green] verified
 [red] unwrkd B or M
 [yellow] LotW
 [black] unneeded
 [red] unwrkd counter
 [pink] eQSL AG
 [blue] unconfmd
 [magenta] special tag
 [cyan] LotW & eQSL AG

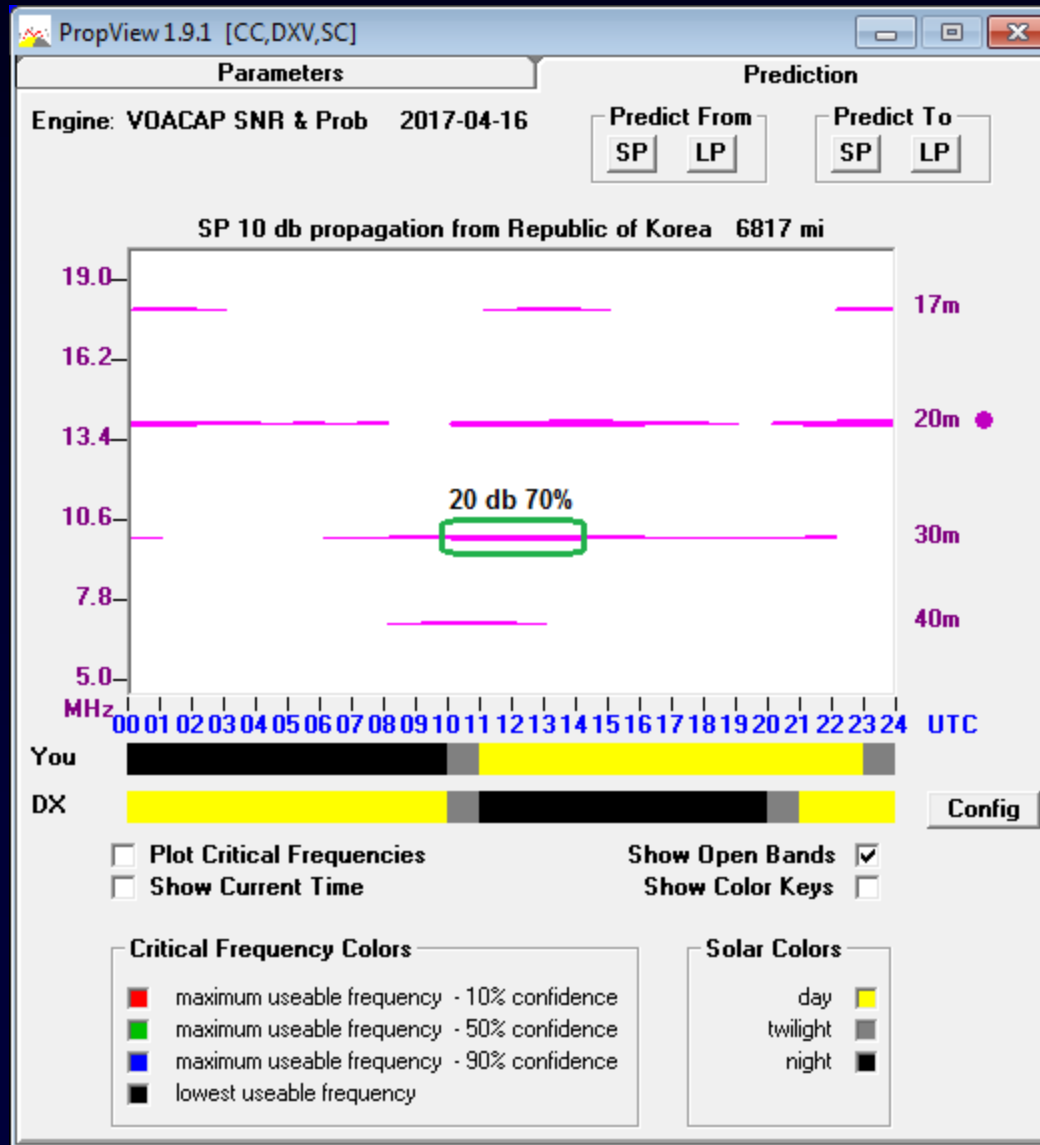
160 test1 W9DL Quixote Need50 SQL 29 SQL 30 160was

Is HL op 30m in een aanvaardbaar doelgebied ?

Controleer de propagatie naar HL op 30m



Controleer de propagatie naar HL op 30m



Controleer der Gray-Line opening naar HL

DXView Sunrise/Sunset @ 20:16:39 Z

DX Auto update

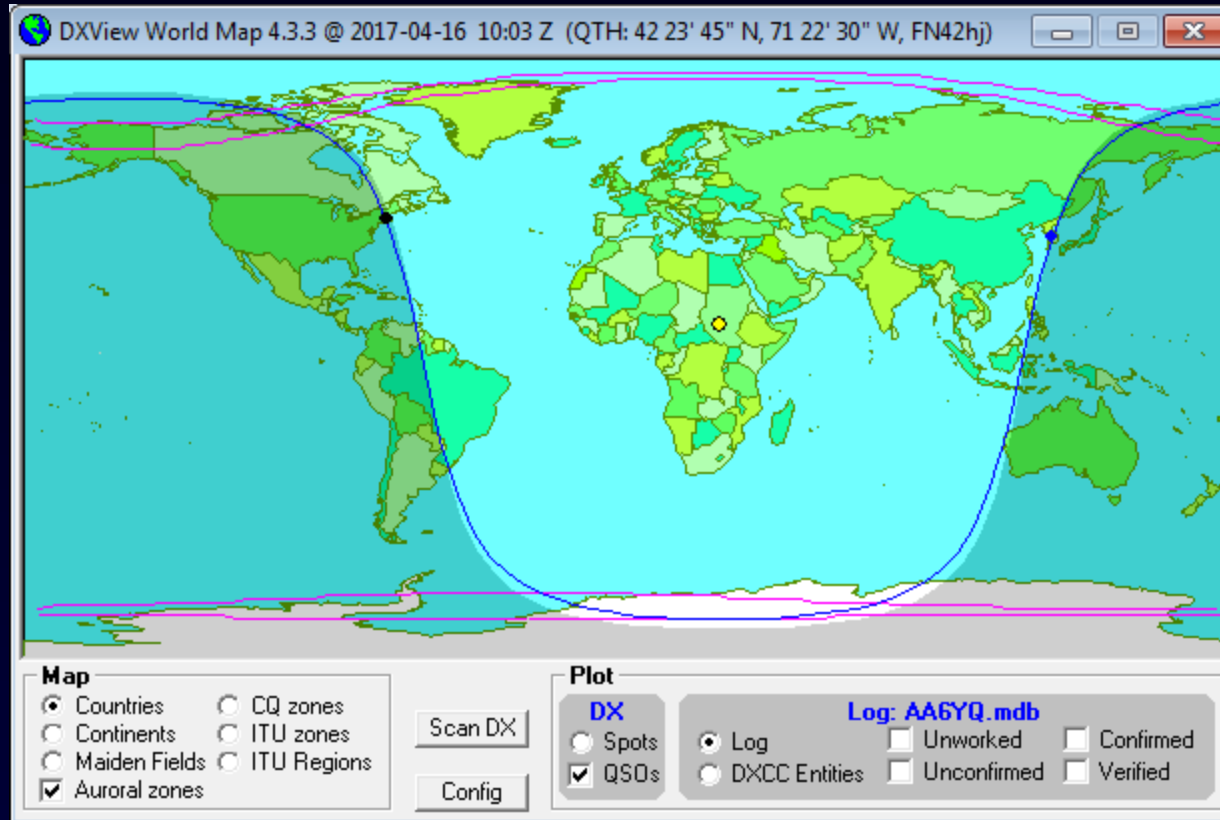
Latitude Longitude Starting Date Selected Time

Sun rise & set
 Gray-Line

QTH-DX Gray-line (GL) Paths

Date	Sunrise GL Start	Sunrise GL End	Sunset GL Start	Sunset GL End
2017-04-16	09:33	10:33		
2017-04-17	09:34	10:31		
2017-04-18	09:35	10:30		
2017-04-19	09:36	10:28		
2017-04-20	09:37	10:27		
2017-04-21	09:37	10:25		
2017-04-22	09:38	10:24		
2017-04-23	09:39	10:22		

Controleer der Gray-Line opening naar HL



Het plan:

Focussen op 30m van 10Z to 14Z

(7 PM to 11 PM Korean time)

Vind en werkt, benodigde DX

1. Wat is er QRV dat ik nodig heb?
2. Mount Athos werken

Mount Athos werken

2013

The screenshot shows the ClubLog website interface from 2013. The navigation bar includes Home, About, Settings, Upload, Donate, Expeditions, and Help. The left sidebar lists various tools and reports. The main content area is titled "DXCC Most Wanted List" and contains a table of entities ranked by the percentage of users who worked them. The table has columns for Rank, Prefix, Entity Name, and % Users. The 26th entry, SVIA MOUNT ATHOS, is highlighted with a red box.

DXCC Most Wanted List

The information generated in this report is empirical, using only DXers logs with more than 150 DXCCs worked. Additionally, only QSOs that have QSLs confirmed are considered to be worked, and only logs active in the last 15 years are used.

These reports are improved by greater participation. Please [sign up](#) if you are willing to add your QSOs to Club Log, and help improve the database - thank you!

The most wanted charts are rebuilt once per month, on average.

No Mode Filter CW Phone Data

Filter by band: **All bands** Filter by continent: **Use global log**

[Generate Most-Wanted List](#) ...or... [Analyse a specific DXCC entity](#)

Rank	Prefix	Entity Name	% Users
1.	KP1	NAVASSA ISLAND	87.83
2.	P5	DPRK (NORTH KOREA)	86.65
3.	3Y/B	BOUVET ISLAND	83.68
4.	VP8S	SOUTH SANDWICH ISLANDS	83.30
5.	FT5W	CROZET ISLAND	82.86
6.	FT5Z	AMSTERDAM & ST PAUL ISLANDS	82.50
7.	VK0H	HEARD ISLAND	82.43
8.	KH5K	KINGMAN REEF	80.87
9.	FR/T	TROMELIN ISLAND	80.72
10.	FR/U	JUAN DE NOVA, EUROPA	80.43
11.	VP8G	SOUTH GEORGIA ISLAND	78.67
12.	KH5	PALMYRA & JARVIS ISLANDS	78.51
13.	KH1	BAKER HOWLAND ISLANDS	78.06
14.	ZS8	PRINCE EDWARD & MARION ISLANDS	76.89
15.	KH9	WAKE ISLAND	76.81
16.	BV9P	PRATAS ISLAND	76.28
17.	CE0X	SAN FELIX ISLANDS	76.27
18.	KH3	JOHNSTON ISLAND	75.99
19.	VK0M	MACQUARIE ISLAND	75.92
20.	BS7H	SCARBOROUGH REEF	75.37
21.	E3	ERITREA	75.28
22.	KH7K	KURE ISLAND	75.15
23.	FT5X	KERGUELEN ISLAND	73.01
24.	XZ	MYANMAR	72.35
25.	VK9M	MELLISH REEF	72.28
26.	SVIA	MOUNT ATHOS	72.10
27.	T33	BANABA ISLAND	71.96
28.	JD/M	MINAMI TORISHIMA	69.61
29.	EZ	TURKMENISTAN	69.08
30.	3Y/P	PETER 1 ISLAND	69.05
31.	FR/G	GLORIOSO ISLAND	68.63

2017

The screenshot shows the ClubLog website interface from 2017. The navigation bar includes Home, Settings, Upload, OQRS, Donate, Expeditions, and Help. The left sidebar lists various tools and reports. The main content area is titled "DXCC Most Wanted List" and contains a table of entities ranked by the percentage of users who worked them. The table has columns for Rank, Prefix, Entity Name, and % Users. The 14th entry, SVIA MOUNT ATHOS, is highlighted with a red box.

DXCC Most Wanted List

The information generated in this report is derived from QSOs uploaded to Club Log. To improve quality, only QSOs that have QSLs confirmed are considered to be worked. The most wanted charts are rebuilt once per month, on average. This page was built at Mon, 20 Mar 2017 05:12:59 +0000.

These reports are improved by greater participation. Please [sign up](#) if you are willing to add your QSOs to Club Log, and help improve the database - thank you!

No Mode Filter CW Phone Data

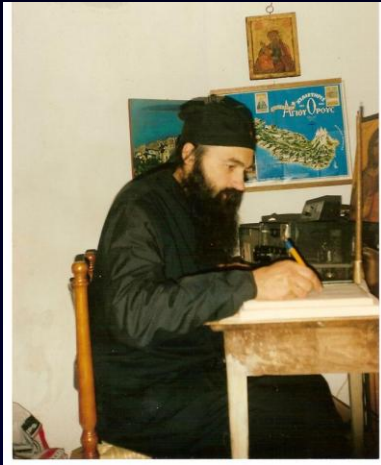
Filter by band: **All bands** Filter by continent: **Use global log**

Generate using QSOs to end of: **Present day**

[Generate Most-Wanted List](#) ...or... [Analyse a specific DXCC entity](#)

Rank	Prefix	Entity Name	% Users
1.	P5	DPRK (NORTH KOREA)	
2.	3Y/B	BOUVET ISLAND	
3.	FT5/W	CROZET ISLAND	
4.	KH1	BAKER HOWLAND ISLANDS	
5.	BS7H	SCARBOROUGH REEF	
6.	CE0X	SAN FELIX ISLANDS	
7.	BV9P	PRATAS ISLAND	
8.	KH3	JOHNSTON ISLAND	
9.	VK0M	MACQUARIE ISLAND	
10.	KH7K	KURE ISLAND	
11.	FT5/X	KERGUELEN ISLAND	
12.	FT/G	GLORIOSO ISLAND	
13.	3Y/P	PETER 1 ISLAND	
14.	SVIA	MOUNT ATHOS	
15.	YV0	AVES ISLAND	
16.	ZS8	PRINCE EDWARD & MARION ISLANDS	
17.	T31	CENTRAL KIRIBATI	
18.	EZ	TURKMENISTAN	
19.	VP8S	SOUTH SANDWICH ISLANDS	
20.	KH4	MIDWAY ISLAND	
21.	VP8O	SOUTH ORKNEY ISLANDS	
22.	JD/M	MINAMI TORISHIMA	
23.	KH5	PALMYRA & JARVIS ISLANDS	
24.	VK0H	HEARD ISLAND	
25.	PY0T	TRINIDADE & MARTIM VAZ ISLANDS	
26.	PY0S	SAINT PETER AND PAUL ROCKS	
27.	FT/J	JUAN DE NOVA, EUROPA	
28.	YK	SYRIA	
29.	VP8G	SOUTH GEORGIA ISLAND	
30.	VK9M	MELLISH REEF	
31.	VP6/D	DUICIE ISLAND	

Mount Athos werken: 2013 (SSN = 60)



- Monk Apollo, SV2ASP/A
- Inwoner van het klooster van Docheiariou, met een zware werklast
- Werkt alle HF bands in SSB, RTTY, PACTOR, AMTOR en CW
 - maakt gebruik van een 3-element SteppIR antenne
 - maakt gebruik van 200 hz shift in RTTY

Zoeken naar recente activiteit

SpotCollector 6.4.7 @ 2013-05-12 20:49 Z [CC,DXK,DXV,PV] (log: test.mdb)

WWV 05-12 1811 Z

Outgoing Spot (notes saved)

Spot source status

Call: 14,210.5 Freq: Cluster:

Notes: X Local

Report Stats Prop Config Help

Call	Prefix	Region	ODX	Freq	QSX	FirstTime	LastTime	Band	Mode	CQ	IOTA	Need	EU	AF	SA	NA-E	NA-M	NA-W	AS	OC
SV2ASP/A	SV-A	Mount Athos	2473	18,137.0	18,141.0	10 1435	10 1527	17M	SSB	20		D	Y							Y

Sort: First Call Last Freq Rcv Az

Filter: Band and Mode and Cont and Origin and [DXCC=SV-A]

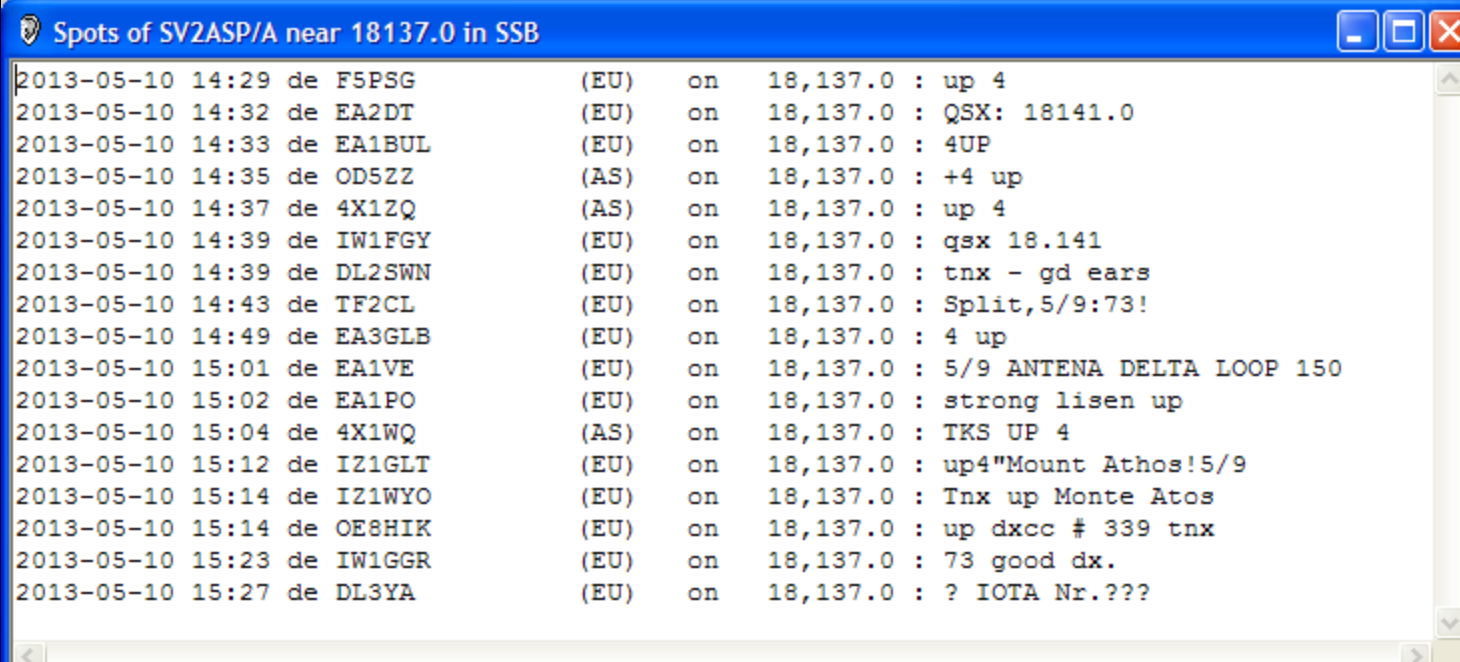
Filter: X AH Need Call DXCC Freq Tag Band Mode Cont Origin

Color codes

- verified
- unneeded
- unconfirmd
- unwrkd B or M
- unwrkd counter
- special tag
- LoV
- eQSL AG
- LoV & eQSL AG

- QRV voor een uur op 17 SSB
- Werkt split
- Gespot uit EU en AS

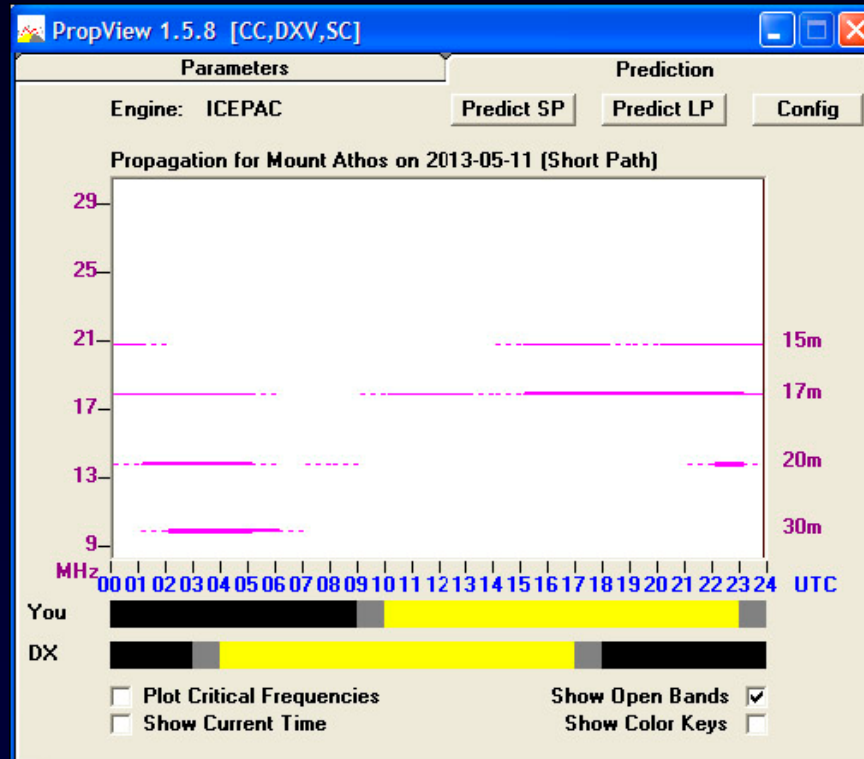
Controleer Spots



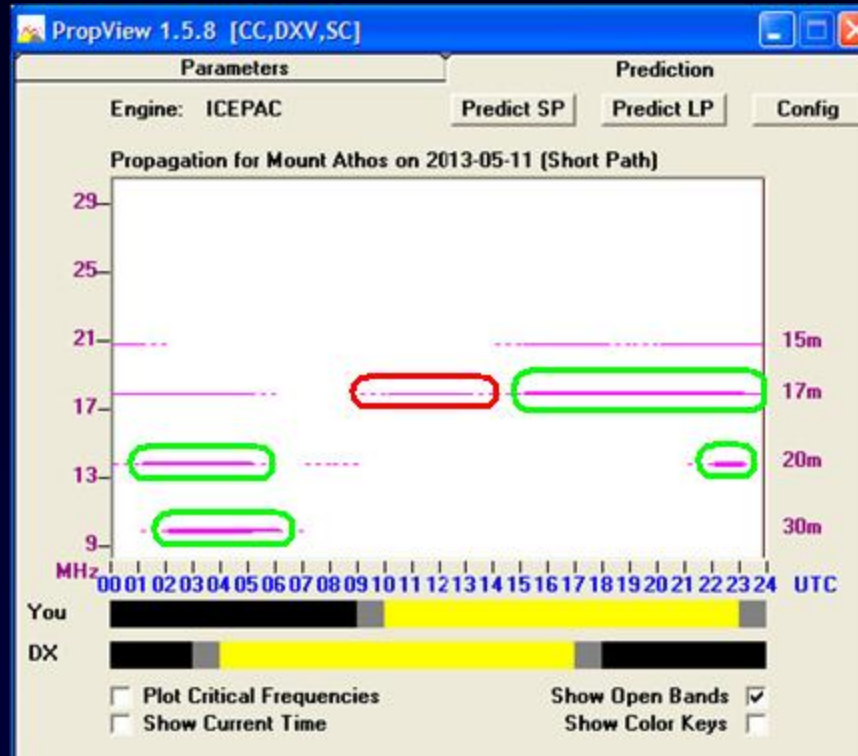
```
Spots of SV2ASP/A near 18137.0 in SSB
2013-05-10 14:29 de F5PSG      (EU)  on   18,137.0 : up 4
2013-05-10 14:32 de EA2DT      (EU)  on   18,137.0 : QSX: 18141.0
2013-05-10 14:33 de EA1BUL     (EU)  on   18,137.0 : 4UP
2013-05-10 14:35 de OD5ZZ      (AS)  on   18,137.0 : +4 up
2013-05-10 14:37 de 4X1ZQ      (AS)  on   18,137.0 : up 4
2013-05-10 14:39 de IW1FGY     (EU)  on   18,137.0 : qsx 18.141
2013-05-10 14:39 de DL2SWN     (EU)  on   18,137.0 : tnx - gd ears
2013-05-10 14:43 de TF2CL      (EU)  on   18,137.0 : Split,5/9:73!
2013-05-10 14:49 de EA3GLB     (EU)  on   18,137.0 : 4 up
2013-05-10 15:01 de EA1VE      (EU)  on   18,137.0 : 5/9 ANTENA DELTA LOOP 150
2013-05-10 15:02 de EA1PO      (EU)  on   18,137.0 : strong lisen up
2013-05-10 15:04 de 4X1WQ      (AS)  on   18,137.0 : TKS UP 4
2013-05-10 15:12 de IZ1GLT     (EU)  on   18,137.0 : up4"Mount Athos!5/9
2013-05-10 15:14 de IZ1WYO     (EU)  on   18,137.0 : Tnx up Monte Atos
2013-05-10 15:14 de OE8HIK     (EU)  on   18,137.0 : up dxcc # 339 tnx
2013-05-10 15:23 de IW1GGR     (EU)  on   18,137.0 : 73 good dx.
2013-05-10 15:27 de DL3YA      (EU)  on   18,137.0 : ? IOTA Nr.???
```

- Consistent“ up 4”? slugfest
- EU spotters in DL, EA, F, I, OE, TF
- AS spotters in 4X en OD

Propagation voorspelling



Propagation voorspelling



- 17m @ 14Z opening ziet er dun uit
- Sterke openingen
 - 17m na 15Z
 - 20m, 30m

Controleer “actuele” propagation

Geen NCDXF-bakens zijn dicht bij SV-A

PropView Beacon Monitor @ 21:11:00 12-May-2013 [CC,DXV,SC]

Monitor

Enable QSY Map Predict

Band

20m
 17m
 15m
 12m
 10m

Beacons

4S7B KH6WD VK6RBP
 4U1UN LU4AA VR2B
 4X6TU OA4B W6WX
 5Z4B OH2B YV5B
 CS3B RR90 ZL6B
 JA2IGY VE8AT ZS6DN

Octant

315 0
 270 45
 225 90
 180 135

Rotate

Transceiver

Offset (Hz)

Beacon Schedule (2 cycles)

Time	Call	City	DXCC Country	Freq (khz)	SP	Dist (mi)
0	4X6TU	Tel Aviv	Israel	14100	55	5487
10	4X6TU	Tel Aviv	Israel	18110	55	5487
20	4X6TU	Tel Aviv	Israel	21150	55	5487
30	4X6TU	Tel Aviv	Israel	24930	55	5487
40	4X6TU	Tel Aviv	Israel	28200	55	5487
50						
60						
70						
80						
90						
100						
110						
120						
130						
140						
150						
160						
170						

Controleer “actuele” propagation

Wie in mijn buurt heeft stations gespot in de buurt van SV-A?

Definieer een "dichtbij SV-A" filter om stations te tonen

- in SV-A, SV, LZ, Z3, ZA, TA1, or TA3
- Gespot door stations minder dan 500 mijl van mijn QTH

16

Propagatie van “dicht bij mij” naar “dicht bij SV-A”

SpotCollector 6.4.7 @ 2013-05-12 21:24 Z [CC,DXK,DXV,PV] (log: AA6YQ.mdb)

WWV 05-12 2111 Z Outgoing Spot (notes saved) 14,210.5 Freq Cluster Spot source status

Q: 0 SFI 147 History Call Local Report Stats Prop Config Help

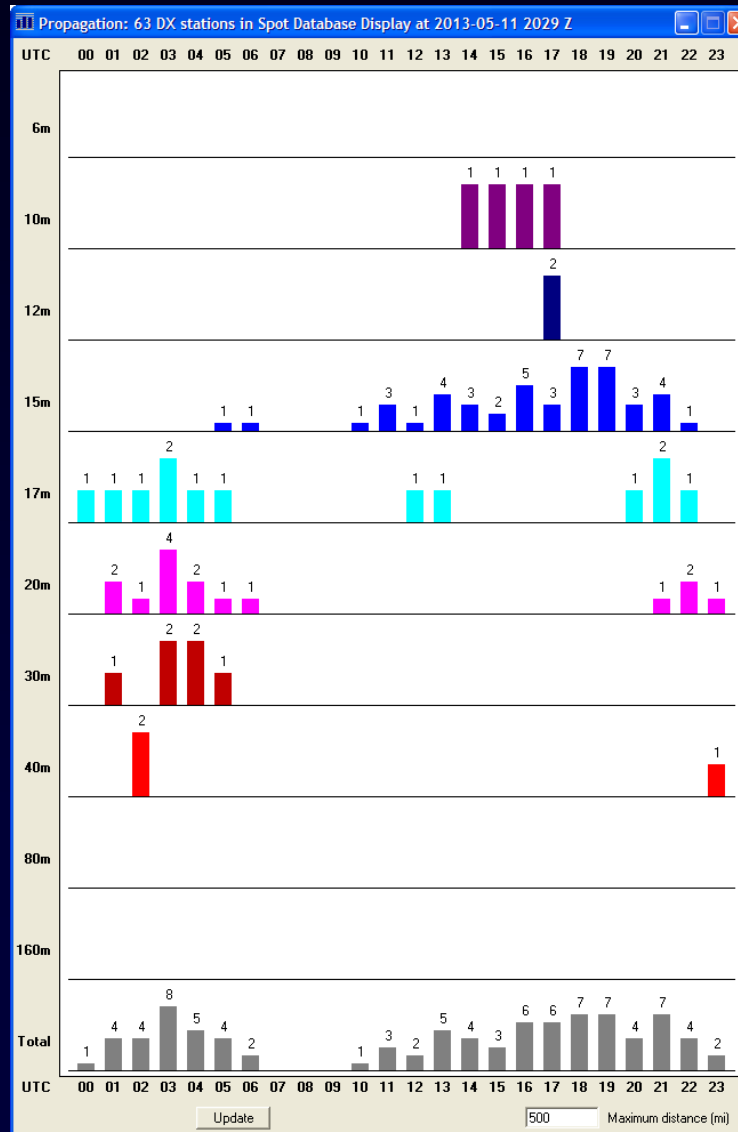
Call	Prefix	Region	ODX	Freq	QSQ	FirstTime	LastTime	Band	Mode	CQ	IOTA	Need	EU	AF	SA	NA-E	NA-M	NA-W	AS	OC
LZ1876SM	LZ	Bulgaria	399	14,012.6		09 2235	09 2235	20M	CW	20										
LZ1QI	LZ	Bulgaria	399	14,007.0		10 0143	10 0143	20M	CW	20						Y				
Z320T	Z3	Macedonia	424	14,199.9		10 0313	10 0313	20M	SSB	15						Y				
Z320T	Z3	Macedonia	51	14,200.3		10 0337	10 0344	20M	SSB	15						Y	Y			Y
LZ2LP	LZ	Bulgaria	228	14,181.4		10 0320	10 0421	20M	SSB	20						Y	Y			
LZ2KV	LZ	Bulgaria	228	14,177.5		10 0340	10 0422	20M	SSB	20						Y	Y	Y		
Z33Z	Z3	Macedonia	355	21,020.1		10 1359	10 1359	15M	CW	15						Y				
Z33A	Z3	Macedonia	355	21,008.1		10 1412	10 1439	15M	CW	15						Y				
LZ13FDAY	LZ	Bulgaria	319	24,898.1		10 1715	10 1715	12M	CW	20						Y				
LZ13DAY	LZ	Bulgaria	319	24,898.1		10 1715	10 1715	12M	CW	20						Y				
Z320T	Z3	Macedonia	80	21,277.0	21,332.0	10 1719	10 1739	15M	SSB	15		Y				Y		Y		
Z30U	Z3	Macedonia	355	21,019.0		10 1943	10 1943	15M	CW	15						Y				
Z30U	Z3	Macedonia	275	18,078.0		10 2040	10 2040	17M	CW	15						Y				
ZA/IZAJMA	ZA	Albania	155	21,250.0		10 2038	10 2119	15M	SSB	15						Y	Y	Y	Y	Y
SV36LL	SV	Peloponnese	61	21,290.0		10 1957	10 2123	15M	SSB	20		Y				Y	Y	Y	Y	Y
Z320T	Z3	Macedonia	57	21,269.0		10 2031	10 2129	15M	SSB	15		Y				Y	Y	Y		
LZ2LP	LZ	Bulgaria	491	14,182.5		10 2256	10 2341	20M	SSB	20		Y				Y				
Z320E	Z3	Macedonia	353	10,119.0		11 0148	11 0150	30M	CW	15						Y				
Z320E	Z3	Macedonia	189	14,033.1		11 0125	11 0219	20M	CW	15						Y		Y		
TA3D	TA	Turkey (Asia)	137	7,014.0		11 0234	11 0244	40M	CW	20						Y				
TA3DT	TA	Turkey (Asia)	355	7,013.8		11 0244	11 0244	40M	CW	20						Y				
SV3AQR	SV	Peloponnese	21	18,150.0		11 0019	11 0306	17M	SSB	20						Y	Y	Y	Y	Y
TA3AX	TA	Turkey (Asia)	355	10,124.9		11 0434	11 0434	30M	CW	20						Y				
TA3AX	TA	Turkey (Asia)	355	10,104.9		11 0508	11 0508	30M	CW	20						Y				
Z320T	Z3	Macedonia	228	14,202.3		11 0549	11 0602	20M	SSB	15		Y				Y				
Z33A	Z3	Macedonia	355	21,008.0		11 0609	11 0609	15M	CW	15						Y				
SZ7SER	SV	e & East Macedonia	80	18,130.0		11 1232	11 1303	17M	SSB	20		Y				Y				
LZ6K	LZ	Bulgaria	155	21,098.5		11 1307	11 1307	15M	RTTY	20						Y				
Z320R	Z3	Macedonia	231	21,047.8		11 1310	11 1328	15M	CW	15		Y				Y				
LZ6K	LZ	Bulgaria	296	21,086.9		11 1514	11 1538	15M	RTTY	20						Y				
Z320N	Z3	Macedonia	473	21,108.0		11 1451	11 1551	15M	RTTY	15		Y				Y				
LZ1PT	LZ	Bulgaria	355	21,023.7		11 1644	11 1644	15M	CW	20						Y				
LZ2PT	LZ	Bulgaria	259	21,023.8		11 1648	11 1648	15M	CW	20						Y				
LZ1YQ	LZ	Bulgaria	355	21,009.2		11 1718	11 1735	15M	CW	20		Y				Y				
LZ9W	LZ	Bulgaria	228	28,032.3		11 1429	11 1743	10M	CW	20		Y				Y		Y		
LZ3ZZ	LZ	Bulgaria	329	21,266.0		11 1812	11 1814	15M	SSB	20		Y				Y				
SV2HJO	SV	I & West Macedonia	21	21,315.0		11 1855	11 1855	15M	SSB	20						Y				
SV2HJO	SV	I & West Macedonia	17	21,315.0		11 1830	11 1901	15M	SSB	20		Y				Y		Y		
ZA/IZAJMA	ZA	Albania	276	21,082.0		11 1700	11 1910	15M	RTTY	15						Y				
LZ1ND	LZ	Bulgaria	355	21,033.3		11 1816	11 1922	15M	CW	20		Y				Y		Y		
SZ7SER	SV	e & East Macedonia	237	21,293.0	21,296.0	11 1848	11 1949	15M	SSB	20		Y				Y	Y	Y		
SV1QXU	SV	Sterea Ellada	103	21,263.0		11 1943	11 1958	15M	SSB	20		Y				Y				
LZ1WR	LZ	Bulgaria	228	18,077.0		11 2116	11 2116	17M	CW	20						Y				
LZ5X	LZ	Bulgaria	355	14,253.0		11 2154	11 2154	20M	SSB	20						Y				
LZ1WR	LZ	Bulgaria	188	18,160.0		11 2149	11 2204	17M	SSB	20						Y	Y			
SV26WY	SV	I & West Macedonia	135	21,315.0		11 2129	11 2212	15M	SSB	20						Y		Y	Y	
LZ6K	LZ	Bulgaria	473	7,044.5		11 2357	11 2357	40M	RTTY	20						Y				
LZ3ZX	LZ	Bulgaria	445	10,106.5		12 0305	12 0305	30M	CW	20						Y				
Z30U	Z3	Macedonia	84	10,105.9		12 0345	12 0345	30M	CW	15						Y				
LZ3LD	LZ	Bulgaria	155	10,123.4		12 0426	12 0426	30M	CW	20						Y				
SV3AQR	SV	Peloponnese	383	18,148.0		12 0309	12 0439	17M	SSB	20						Y		Y		
LZ1ND	LZ	Bulgaria	355	21,208.0		12 0522	12 0522	15M	SSB	20						Y				
Z33A	Z3	Macedonia	355	18,076.0		12 0533	12 0533	17M	CW	15						Y				
SV1NN/3	SV	Peloponnese	84	21,005.2		12 1006	12 1056	15M	CW	20		Y				Y			Y	
Z35M	Z3	Macedonia	355	21,010.1		12 1105	12 1105	15M	CW	15						Y				
LZ6K	LZ	Bulgaria	84	21,087.5		12 1107	12 1135	15M	RTTY	20		Y				Y	Y			
SV36LL	SV	Peloponnese	61	21,290.0		12 1133	12 1155	15M	SSB	20		Y				Y				

Sort: Filter: SQL (nr SV-A) AH Need Call DXCC Freq Tag Band Mode Cont Origin

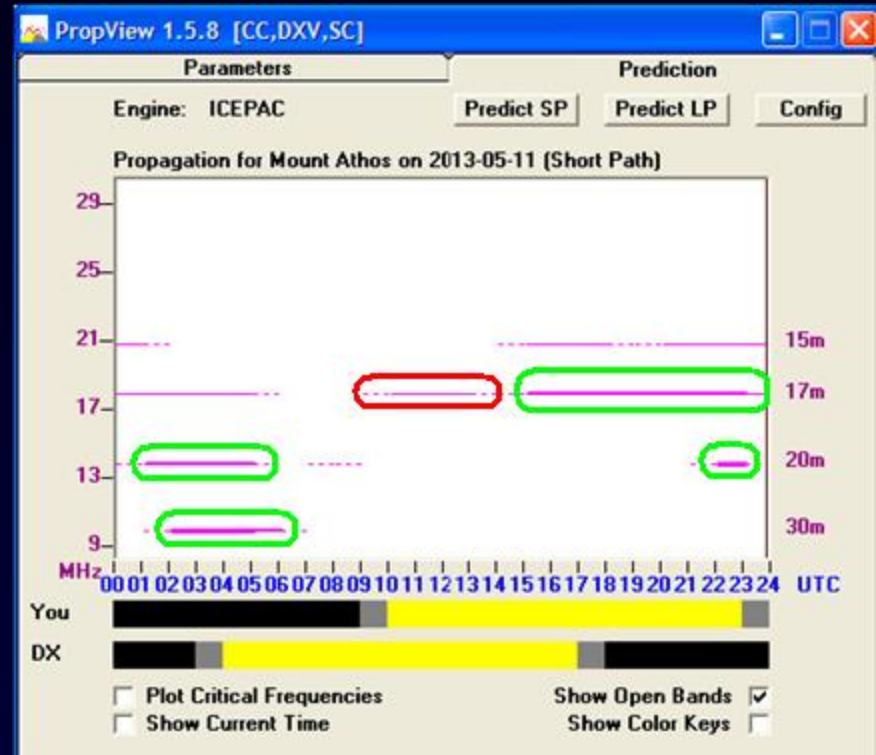
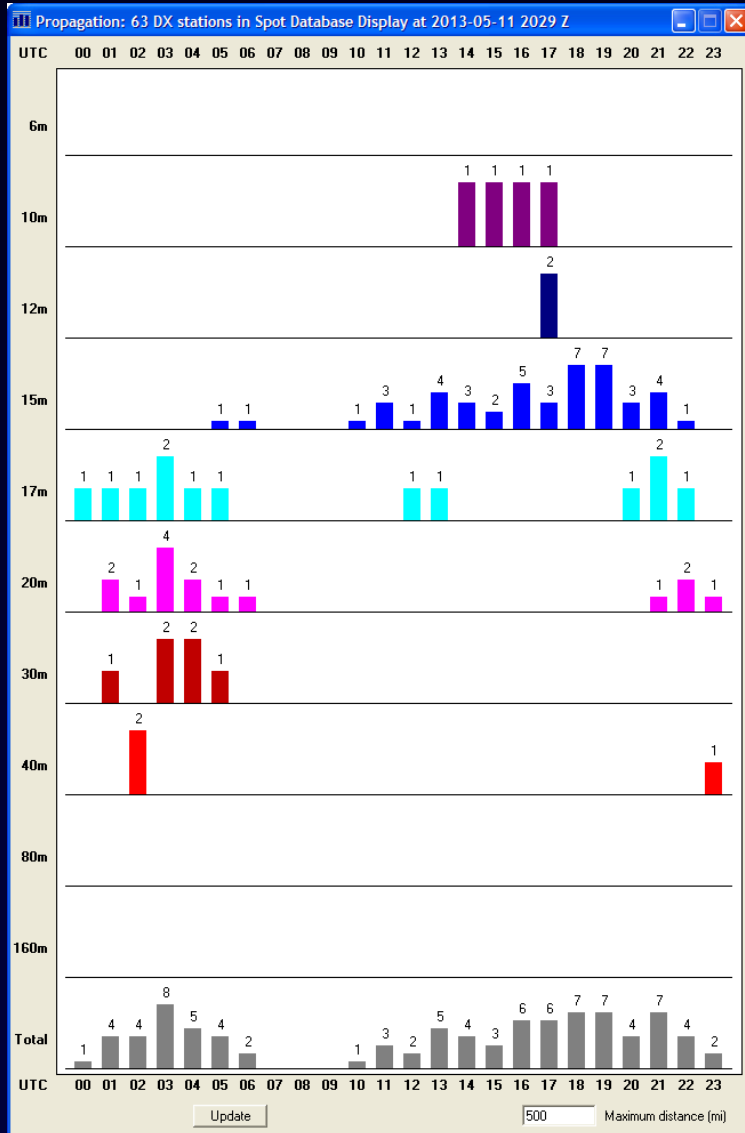
Audio Age LoW eQSL Mthn ALT X Band X Mode digital X need NcK multiline last 3 nr SV-A

Color codes: verified unconfm'd B or M LoW unneeded unconfm'd counter eQSL AG unconfm'd special tag LoW & eQSL AG

Actuele propagation bij Band & Time-of-Day



Vergelijk actuele & verwachte propagatie



- 15m opening is sterker dan verwacht
- 17m kan open zo vroeg als 12Z
- 20m is open zoals voorspeld
- 10m en 12m kan een QSO ondersteunen

SV2ASP/A: Het plan

1. Controleer 18120 – 18150 dagelijks vanaf 1400Z met de antenne naar SV-A
 - “Blueprint” de band met lokale spots
2. Gebruik een Europese DX Cluster als spotbron
3. Snel QSY wanneer SV2ASP / A wordt gezien
 - Audio-berichten inschakelen
 - Dubbelklik op QSY en stel op split
 - Versterker en / of Tuner instellingen
4. Gebruik dual ontvangers en een panadaptor om de luisterfrequentie van Monk Apollo snel te vinden

Plaats een vermelding in de Spot database

DX Spot bron



Actieve DX Database



**Generator
Weergave**

LotW
Database



eQSLAG
Database



Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

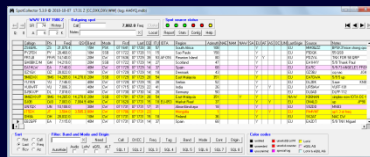
VUCC nodig

WAS nodig

WPX nodig

WAZ nodig

Gelogde
QSOs



Tabulaire weergave



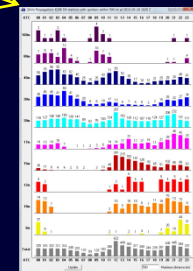
Audio & Email



Wereldkaart

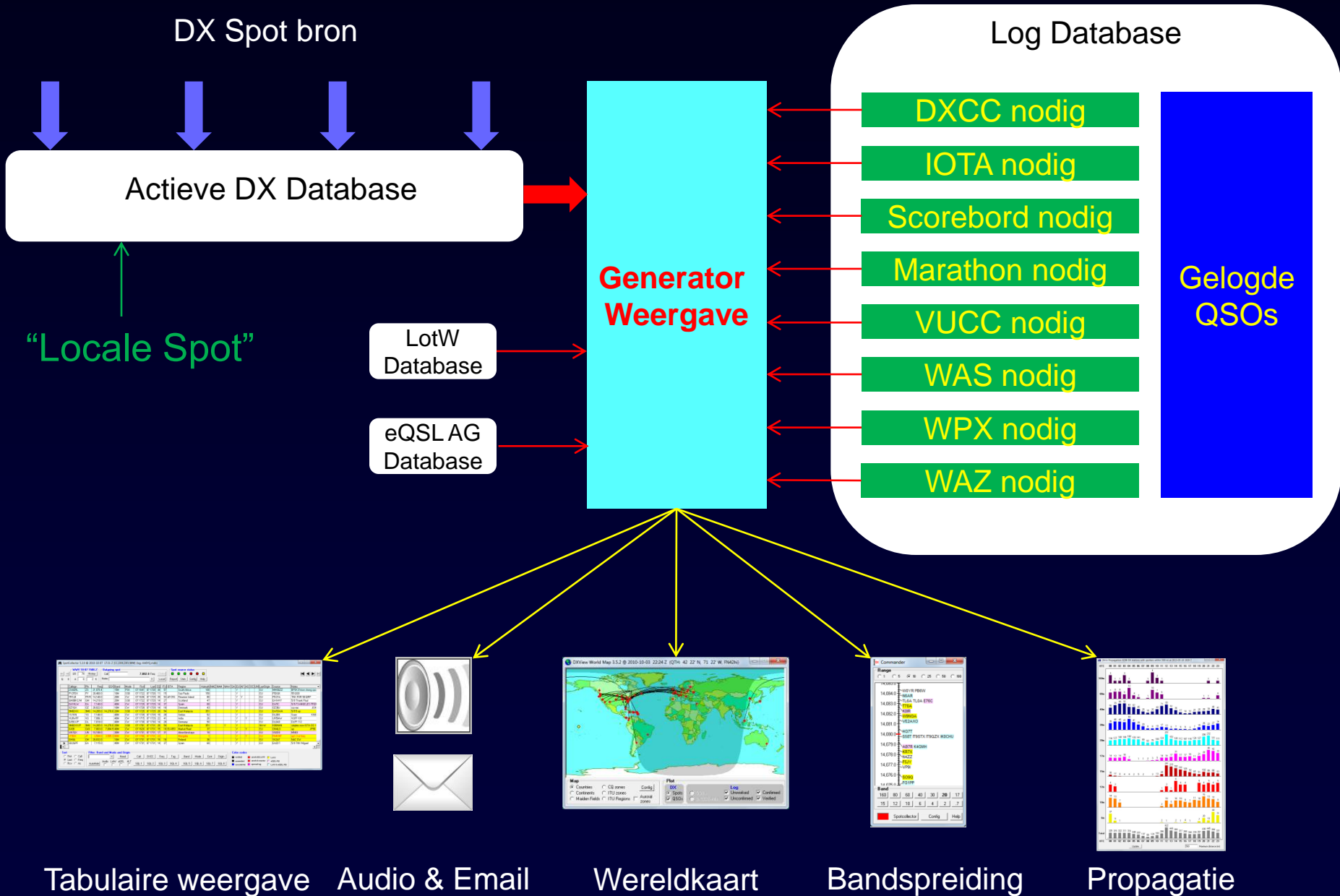


Bandspreiding



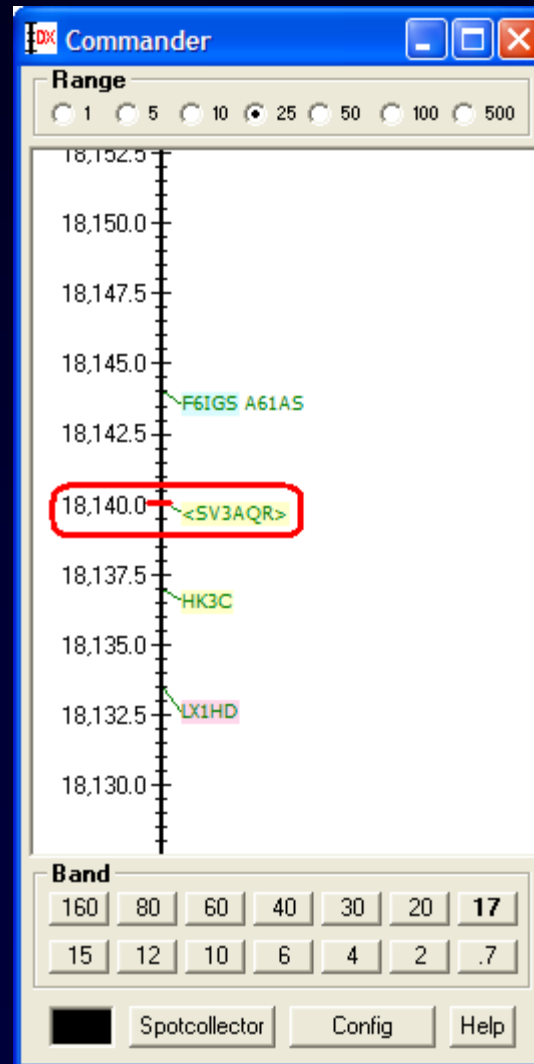
Propagatie

Plaats een vermelding in de Spot database



Blueprinting de band

“Locale Spot” van ieder Station dat je identificeert



SV2ASP/A: Het plan

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4. Gebruik dual ontvangers en een panadaptor om de luisterfrequentie van Monk Apollo snel te vinden

Gebruik een Europese DX Cluster

DX Spot bron



Actieve DX Database

**Generator
Weergave**

LotW
Database

eQSLAG
Database

Log Database

DXCC nodig

IOTA nodig

Scorebord nodig

Marathon nodig

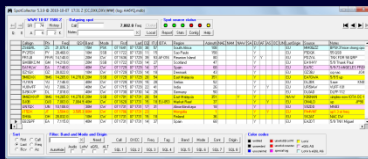
VUCC nodig

WAS nodig

WPX nodig

WAZ nodig

Gelogde
QSOs



Tabulaire weergave



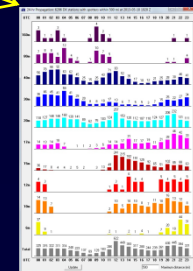
Audio & Email



Wereldkaart

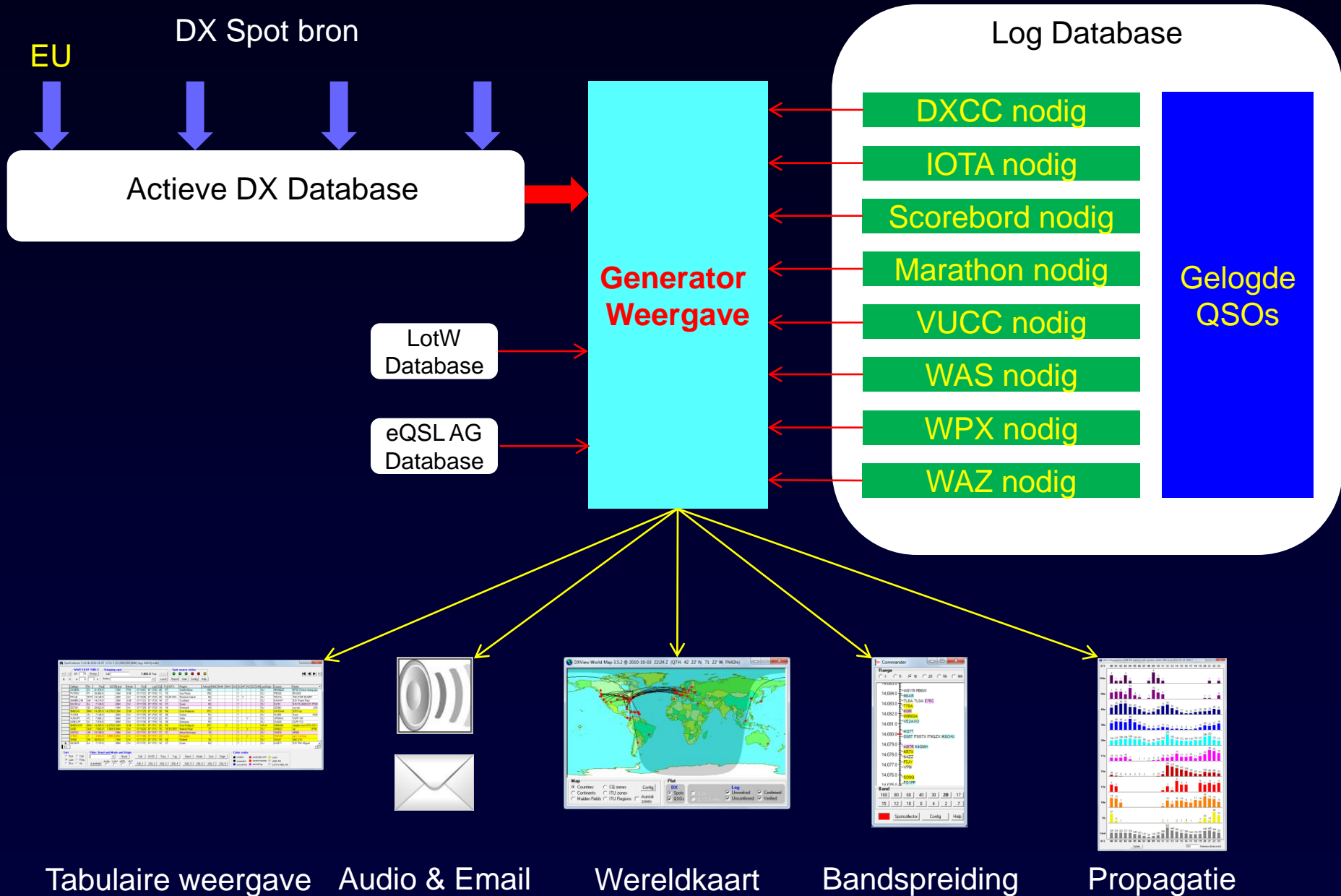


Bandspreiding



Propagatie

Gebruik een Europese DX Cluster



SV2ASP/A: Het plan

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 - Dubbelklik op QSY en stel op split
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SV2ASP/A: Het plan

Commander 10.3.5 [Icom IC-7800] @ 01:35:29 Z 18,140.07 USB

Main VFO: 17M S7
18,140.07
0 999

Sub VFO
1 2 5 10
18,142.30

Filters
Group: Narrow
Width: 52
PBT 1: 50
PBT 2: 50

PTT: Rcvng
TX RX

AL1200
Plate: 7.75 Load: 3 Band: 17

ATR-30
Xmit Ant L

IC-7800
Mark V
TS-2000
FT-817

Mode: USB
LSB (Normal) FM (Normal)
USB (Narrow) AM (Wide)
CW (Normal) RTTY (Narrow)
CW-R (Normal) RTTY-R (Wide)
Data-L (Narrow) Data-U (Narrow)

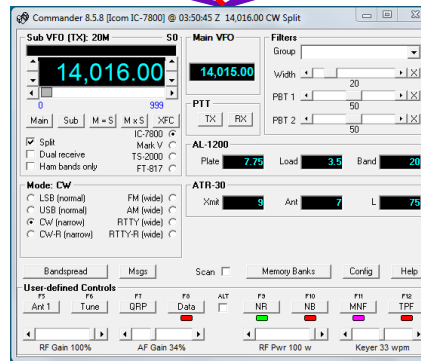
Bandspread Msgs Scan Memory Banks Config Help

User-defined Controls
ALT F5 ALT F6 ALT F7 ALT F8 ALT ALT F9 ALT F10 ALT F11 ALT F12
SHIFT
Slider 9 Slider 10 Slider 11 Slider 12
Slider 13 Slider 14 Slider 15 Slider 16

SV2ASP/A: Het plan

1. Controleer 18120 – 18150 dagelijks vanaf 1400Z met de antenne naar SV-A
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 - Versterker en / of Tuner instellingen
4. Gebruik dual ontvangers en een panadaptor om de luisterfrequentie van Monk Apollo snel te vinden

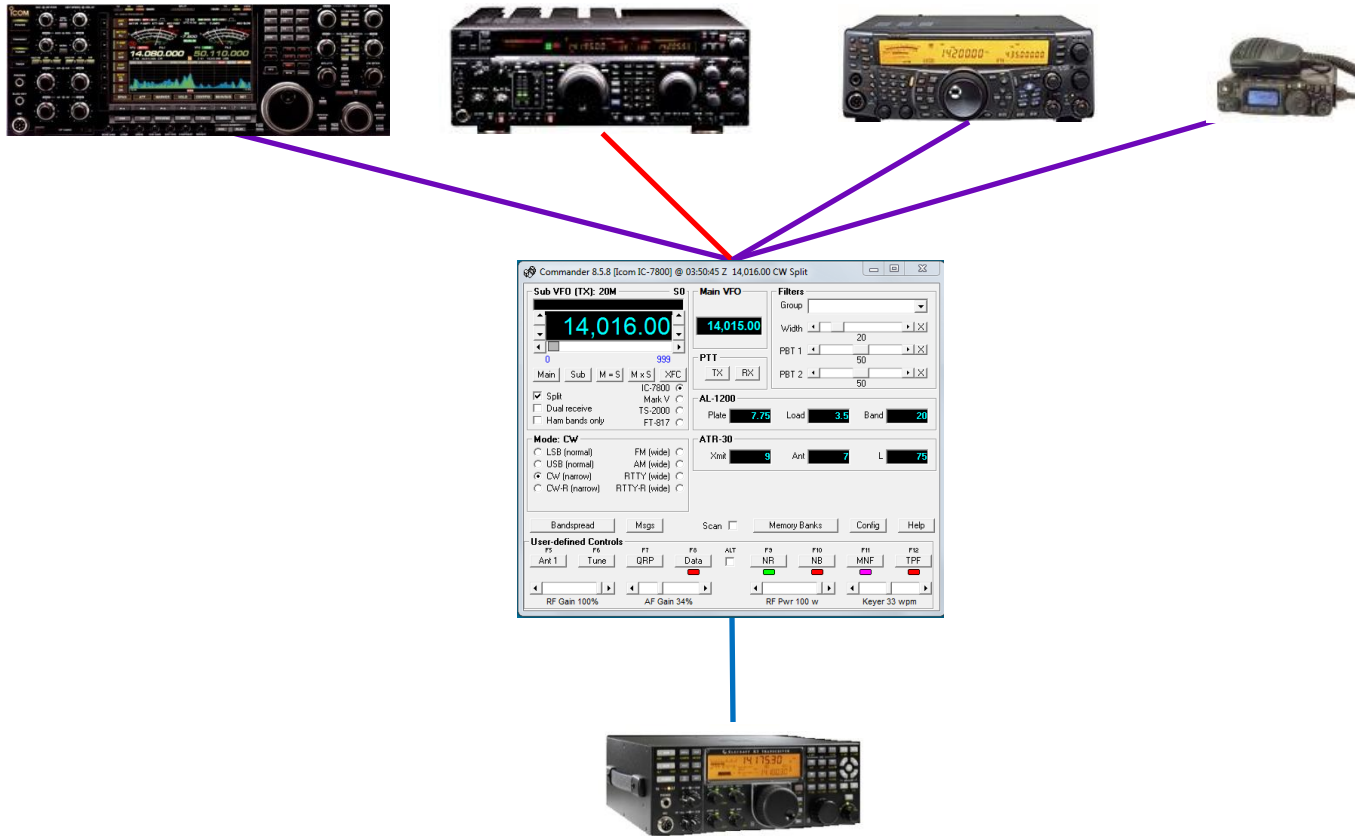
Commander: Meerdere radio ondersteuning



Selecteer een van de vier primaire radio's

- Op de knop klikken
- Automatisch als functie van frequentie

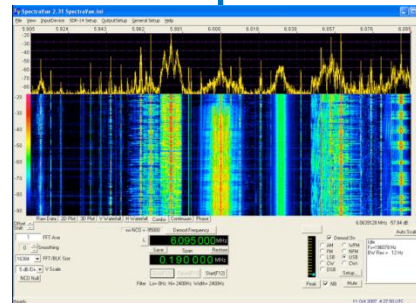
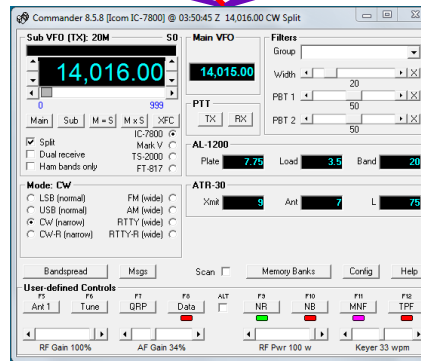
Commander: Meerdere radio ondersteuning



De secundaire radio kan

- De actieve primaire radio, Main of Sub VFO volgen
- Leid de actieve primaire radio

Commander: Meerdere radio ondersteuning



De secundaire radio kan

- De actieve primaire radio volgen
- Leid de actieve primaire radio

SV2ASP/A: Het plan

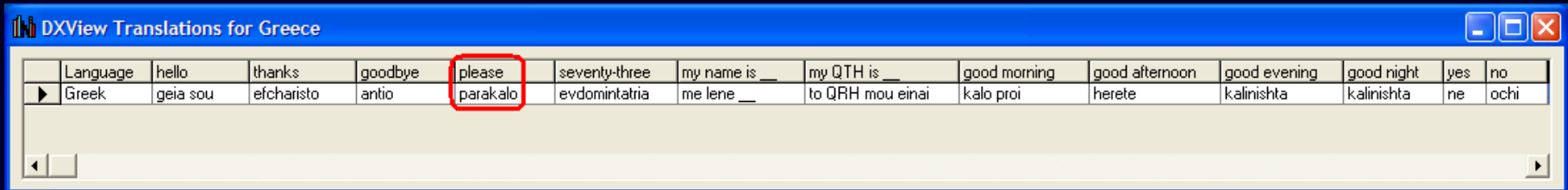
1. Controleer 18120 – 18150 dagelijks vanaf 1400Z met de antenne naar SV-A
 - “Blueprint” de band met lokale spots
2. Gebruik een Europese DX Cluster als spotbron
3. Snel QSY wanneer SV2ASP / A wordt gezien
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SV2ASP/A: Het plan

Nog een ding ...

SV2ASP/A: Het plan

Nog een ding ...



Language	hello	thanks	goodbye	please	seventy-three	my name is __	my QTH is __	good morning	good afternoon	good evening	good night	yes	no
▶ Greek	geia sou	efcharisto	antio	parakalo	evdomintatria	me lene __	to QRH mou einai	kalo proi	herete	kalinishta	kalinishta	ne	ochi

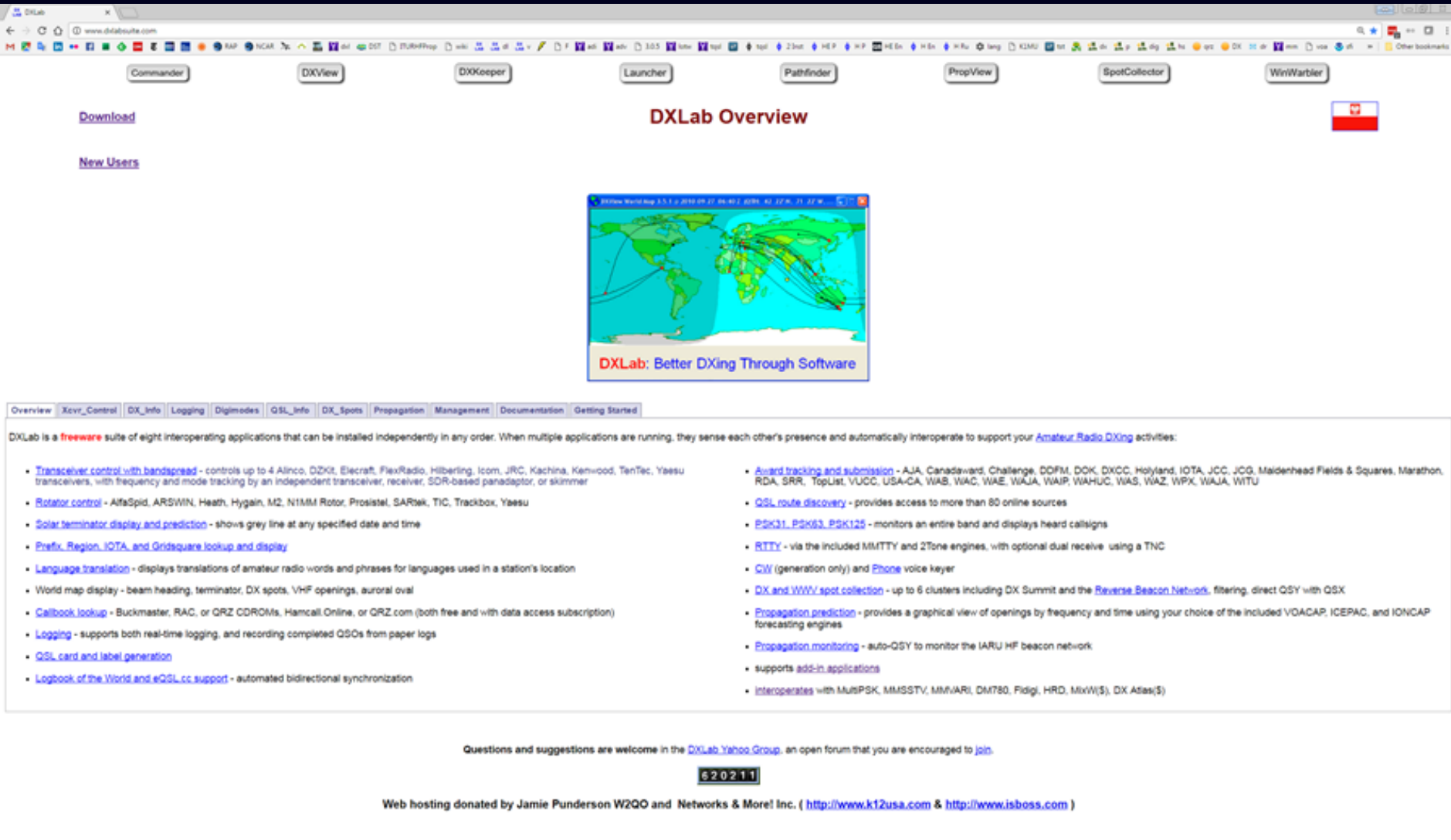
In een fonie pileup, call

AA6YQ parakalo

DXing met DXLab

- Introductie van DXLab Suite
 - Drivers
 - Architectuur
 - Meerdere weergaven van Actieve DX
- Het vinden van de DX die u nodig heeft?
- Werken van de DX die u nodig heeft

www.dxlabsuite.com

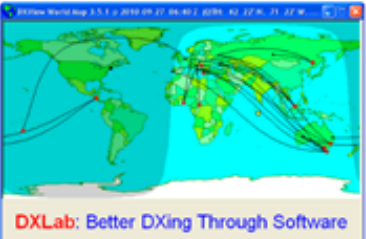


The screenshot shows the DXLab website interface. At the top, there are navigation buttons for various software components: Commander, DXView, DXKeeper, Launcher, Pathfinder, PropView, SpotCollector, and WinWarbler. Below these are links for "Download" and "New Users". The main heading is "DXLab Overview". A central image shows a world map with signal paths, captioned "DXLab: Better DXing Through Software". A navigation menu at the bottom lists: Overview, Xcvt_Control, DX_Info, Logging, Digimodes, QSL_Info, DX_Spots, Propagation, Management, Documentation, and Getting Started. The main content area describes DXLab as a freeware suite of eight interoperating applications. A list of features is provided, including transceiver control, rotor control, solar terminator, QSL route discovery, RTTY, CW, DX and WWW spot collection, propagation prediction, and propagation monitoring. The footer includes contact information for the DXLab Yahoo Group, the call sign G2OZ11, and web hosting details.

Download

New Users

DXLab Overview



DXLab: Better DXing Through Software

Overview Xcvt_Control DX_Info Logging Digimodes QSL_Info DX_Spots Propagation Management Documentation Getting Started

DXLab is a **freeware** suite of eight interoperating applications that can be installed independently in any order. When multiple applications are running, they sense each other's presence and automatically interoperate to support your [Amateur Radio DXing](#) activities:

- [Transceiver control with bandspread](#) - controls up to 4 Alinco, DZKK, Elecraft, FlexRadio, Hilberling, Icom, JRC, Kachina, Kenwood, TenTec, Yaesu transceivers, with frequency and mode tracking by an independent transceiver, receiver, SDR-based panadapter, or skimmer
- [Rotor control](#) - AlfaSpid, ARSWIN, Heath, Hygain, M2, N1MM Rotor, Proslstel, SARtek, TIC, Trackbox, Yaesu
- [Solar terminator display and prediction](#) - shows grey line at any specified date and time
- [Prefix, Region, IOTA, and Gridsquare lookup and display](#)
- [Language translation](#) - displays translations of amateur radio words and phrases for languages used in a station's location
- World map display - beam heading, terminator, DX spots, VHF openings, auroral oval
- [Callbook lookup](#) - Buckmaster, RAC, or QRZ CDROMs, Hamcall Online, or QRZ.com (both free and with data access subscription)
- [Logging](#) - supports both real-time logging, and recording completed QSOs from paper logs
- [QSL card and label generation](#)
- [Logbook of the World and eQSL.cc support](#) - automated bidirectional synchronization
- [Award tracking and submission](#) - AJA, Canada award, Challenge, DDFM, DOK, DXCC, Holyland, IOTA, JCC, JCG, Maidenhead Fields & Squares, Marathon, RDA, SRR, TopList, VUCC, USA-CA, WAB, WAC, WAE, WAJA, WAIP, WAHUC, WAS, WAZ, WPX, WAJA, WITU
- [QSL route discovery](#) - provides access to more than 80 online sources
- [PSK31, PSK63, PSK125](#) - monitors an entire band and displays heard call signs
- [RTTY](#) - via the included MMTTY and 2Tone engines, with optional dual receive using a TNC
- [CW](#) (generation only) and [Ephone](#) voice keyer
- [DX and WWW spot collection](#) - up to 6 clusters including DX Summit and the [Reverse Beacon Network](#), filtering, direct QSY with QX
- [Propagation prediction](#) - provides a graphical view of openings by frequency and time using your choice of the included VOACAP, ICEPAC, and IONCAP forecasting engines
- [Propagation monitoring](#) - auto-QSY to monitor the IARU HF beacon network
- supports [add-in applications](#)
- [Interoperates](#) with MultiPSK, MMSSTV, MMVARI, DM780, Fldigi, HRD, MixW(\$), DX Atlas(\$)

Questions and suggestions are welcome in the [DXLab Yahoo Group](#), an open forum that you are encouraged to [join](#).

G2OZ11

Web hosting donated by Jamie Punderson W2QO and Networks & More! Inc. (<http://www.k12usa.com> & <http://www.isboss.com>)

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

Call	DXCC	Starting UTC	Band	Mode	Sent	Rcvd	Name
JT5DX	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	

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

WVWV 10-04 1806 Z

Outgoing spot: Call 14.086.2 Freq Cluster

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 13 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	EI6Z-#

DXView World Map 3.5.2 @ 2010-10-04 19:57 Z (QTH: 42 22' N, 71 22' W, FN42h)

Map: Countries, CQ zones, Continents, ITU zones, Maiden Fields, ITU Regions, Auroral zones

Plot: DX, Spots, QSOs, DXCC Entities

Log: AA6YQ.mdb

Legend: Unworked, Confirmed, Unconfirmed, Verified

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

QSO Info (Receive Pane 0)

Call: EY7AD 1st R: Name: Rakhim DXCC: EY Begin: Log: Xcvr Freq: 14,086.19

QSL: Via DIRECT-1 CQ: 17 ITU: 30 QTH: 735700 Cont: AS End: Spot: TX: 14,086.19

Buro: Grid: MN30 Pri sub: Sec sub: Comment:

LotW: IOTA: Az: Path: S

QU0TH00 DX CO DX DE SV1PAS SV1PAS PSE K

DS1PAUSSVPAS DEHPFF,PD1BPSE K...

))JTCQ DX CO DX DE SV1PAS SV1PAS PSE EU00E0SCQ DX CO DX DE SV1PAS SV1PAS PSE K

S MSQVAS UV1PAS DE PD1ANB,PD1ANB PSE K...90R2 ORZ ORZ DE SV1PAS SV1PAS PSE K

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

VFO A: 20M 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)

DX Commander

Range: 1 5 10 25 50 100

14,088.5

14,088.5 EI7BFB

14,087.5 EA4AHE

14,087.0

14,086.5 UR7ITU

14,086.0

14,085.5 PF7DKW

14,085.0 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: rtty sample

F5: CQ F6: Call F7: Over F8: SK log ALT F9: ur rpt F10: tu log grz? F11: de mgsall F12: mgsall (3)

sh F5: sh F6: sh F7: sh F8: sh F9: sh F10: sh F11: sh F12:

RTTY receive (soundcard)

Freq: 14,084.065 Signal level & squelch 61

AFC Notch BPF DPF Reverse Def Opt Profile <current settings>

RTTY transmit (soundcard)

Freq: 14,084.065 net Reverse Start Stop Abort

Operating Mode

CW PSK31 Phone PSK63 RTTY PSK125

Tuning Display

Vert height: 2.0 Horiz zoom: 1 Horiz pan: 14086