





Computer Logging.. with DXKeeper

Rick Smith KT7G



WHO AM I ?

- *KT7G* *2000 TO...*
- *K7GDN* *ABOUT 58-2000*
- *V31TB* *2008-09.. Belize*



- *VP5W, 2004 Turks & Caicos*
- *ZK1TTG 2002 N. Cook*
- *And to Mere Mortals..*
 - *Rick Smith*



LOGGING

- **WHY do we Log contacts?**
 - **May want confirmation**
 - **QSL card..LOTW**
 - **Other Party may want Confirmation**



Self Protection

- When was your transmitter on?
- What mode, power, direction?
- Not currently in Part 97.



HOW TO LOG

1 Paper Logbook

–PROs:

- I always did it this way!
- I have logbooks back to my early days..
- DTTNFC



**“Don't trust
those new
fangled
contraptions!”**



CONS OF PAPER LOGGING

1. Searching is tedious.

2. Successful decoding of handwriting is time dependant..



CONS OF PAPER LOGGING

3. Successful decoding of handwriting **by anyone else** may be close to impossible. Regardless of time. I may know folks that have that problem.....



Computer Logging Benefits

- Can READ it!
- Transferable to multiple eyes, anyone can read it. (if they are fluent in English, of course)
- Searches are much easier
 - Can be done for almost anything.
 - Call, Date, Time, country, Zone...
 - Any field that appears on the page.
 - Does not lose stuff, saves frequently.



Computer Logging Benefits

- Can actually use it to operate, will bring up contacts qrz info for you, tell you if you worked them before.
- Will log contact with date/time from computer
- Frequency, mode, from radio
- With a Caution!!



Computer Logging Benefits

- **What is that Caution?**
 - **Some of them will log them with just a space bar or enter key, whether you work them or are just listening.**
 - **I usually work stuff with a contesting program, N1MM, and then import the (ADIF) log created from that, even casual contacts.**



Wait a Minute

What in the
world
is ADIF ?



ADIF

- There is a common data format for transferring contacts between programs called..
- **Amateur Data Interchange Format..**
- **We will take a quick look at the format in the next slide....**



<CALL:4>W1ZT *Other Station*

<QSO_DATE:8>20140920

Format is important

<TIME_ON:6>160259

Hours (Z) min and Seconds

<SECTION:2>MA <BAND:3>20M

<STATION_CALLSIGN:4>W7DX



<FREQ: 8>14.08090

<CONTEST_ID: 9>QSO-PARTY

<FREQ_RX: 8>14.08090

<MODE: 4>RTTY <RST_RCVD: 3>599

<RST_SENT: 3>599 <OPERATOR: 4>K7MO

<CQZ: 1>5 <STX: 1>1



<APP_N1MM_EXCHANGE1:2>MA
<APP_N1MM_POINTS:1>3
<APP_N1MM_RADIO_NR:1>1
<APP_N1MM_RUN1RUN2:1>1
<APP_N1MM_RADIOINTERFACED:1>1
<APP_N1MM_NETWORKEDCOMPNR:2>17
<EOR>

These can be in any particular order but have to end with the <end of record>



Computer Logging Cons

- I was going to leave the rest of the page blank, but that might be considered Bias!
- Has a learning curve on computer skills and typing.



**WE actually have
a LIVE program
but before that...**



Some features of DXKEEPeR

- ***DXLAB is the Parent*** of a Suite of Programs
- ***Commander.*** Talks to the radio
- **DXKeeper** is the log/database
- **DXV (DX view)** has some cool maps and stats from your log to check.
- **PF Path Finder**, for looking up QSL routes, interfaces to QRZ.com, callbook etc



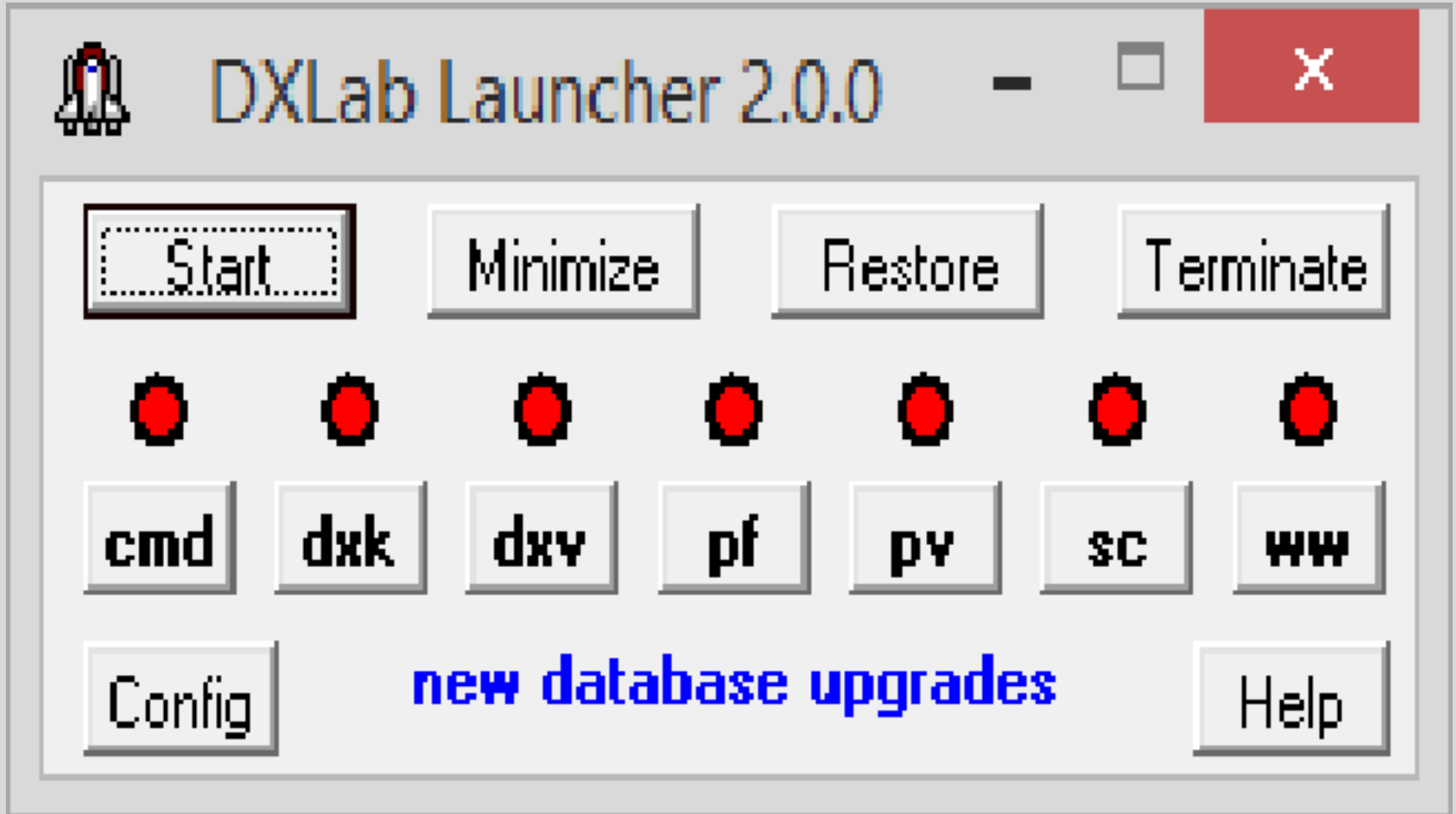
More features of DXKEEPeR

- **PV (Propagation View)**
- **Spot Collector**, interfaces the spots to tell you what you need to work....
- **Win Warbler** works Soundcard Modes..

• **NOW**



Here is where you start





DXLab Launcher Configuration - new database upgrades available



Distribution site

DXLabSuite

Visit

Auto Start

Always On Top

Minimize After Start

Workspaces On Startup

Shutdown After Terminate

Terminate On Shutdown

Check for New each day

Use Multiple Monitors

Log Debugging Information

New ?

Databases

Browser pathname

Sel

Apps Started Before DXLab Apps

DXLab Apps

Apps Started After DXLab Apps

Application	Enab	Program Path	Installed	Avail	Action	Registry
Commander	<input checked="" type="checkbox"/>	C:\DXLab\Commander\CI-V Commander.exe	11.4.8	11.4.8	Restore	Sv Ld
DXKeeper	<input checked="" type="checkbox"/>	C:\DXLab\DXKeeper\DXKeeper.exe	12.9.9	12.9.9	Restore	Sv Ld





DXLab Launcher Databases



Database	Installed	Avail	New ?
DXCC	2.5.0	2.5.0	
IOTA	1.2.2	1.2.2	Upgrade
USAP	2015-01-03	2015-01-03	
LotW	2015-05-17	2015-05-31	
eQSL AG	2015-05-17	2015-05-31	
Translation		1.1.5	





General

Plot Settings

Rotator Control

World Map

Overrides

Databases

Database Versions

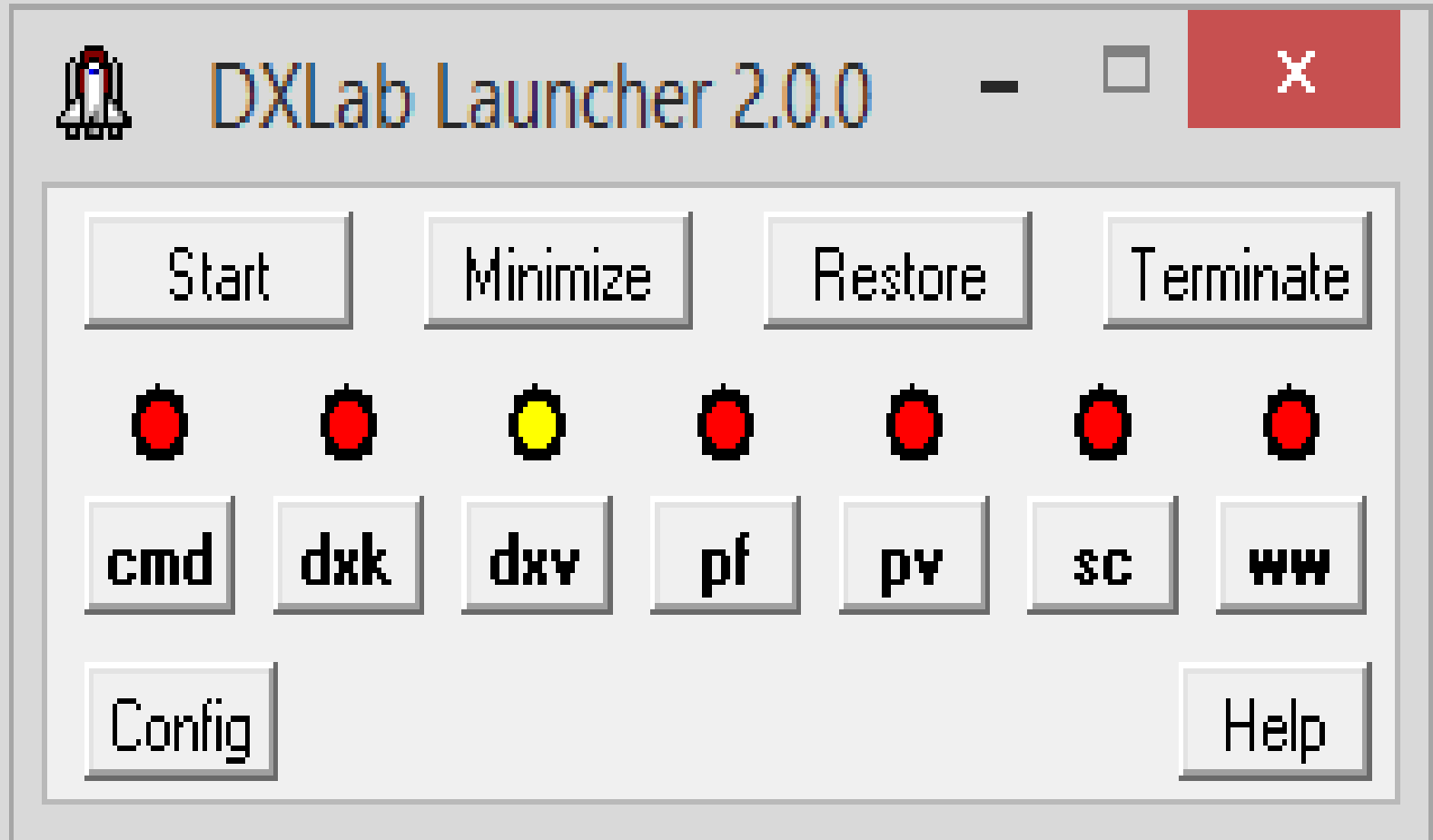
Check for new versions on startup

New?

Database	Installed	Available	Action	
DXCC	2.5.0	2.5.0	Upgrade	View Notes
IOTA	1.2.2	1.2.2	Upgrade	
USAP	2015-01-03	2015-01-03	Upgrade	
LotW	2015-05-17	2015-05-31	Upgrade	
eQSL AG	2015-05-17	2015-05-31	Upgrade	
Translation		1.1.5	Install	
			Help	



Here we are ready to run it



▶ **ets look at a live one..**





Log QSOs	QSL	Check Progress	my QTHs	Import QSOs	
QSO: United States					
call	NK4L	name	Jose	QTH	Miami, FL
mode	SSB	via	DIRECT, LOTW OI	tx freq	14.293
begin	9/22/2014 00:00	rx freq	14.293	end	9/22/2014 00:00
sent	59	rcvd	59	tx band	20M
power	100	code	291	DXCC	K
		entity	United States		
<input type="checkbox"/> Auxiliary <input checked="" type="checkbox"/> QSL <input checked="" type="checkbox"/> Online QSL <input type="checkbox"/> Award <input type="checkbox"/> Contest <input type="checkbox"/> Propagation <input type="checkbox"/> Details <input type="checkbox"/> User-defined					
QSL					
sent	▼	R	CFM	date sent	
rcvd	▼	R	Vfy	date rcvd	
msg		QQRS	Cred	QSL#	
myQTH	K7BTW	addr	Jose M Gonzalez 1381 SW 142 Ct Miami, FL 33184 USA		
sent via ▼ IOTA vfy ▼ WAS vfy ▼ WPX vfy ▼ rcvd via ▼ VUCC vfy ▼ WAZ vfy ▼					
key QSL Sent N - don't send LotW R - requested eQSL AG Y - sent I - don't send LotW & eQSL AG QSL Rcvd R - requested Y - confirmed S - submitted V - verified I - invalid X - expired					
Online QSL					

PART OF THE OPENING SCREEN.



QSL

sent R CFM date sent sent via IOTA vfy WAS vfy WPX vfy

rcvd R VFY date rcvd rcvd via VUCC vfy WAZ vfy

OQRS Cred QSL#

msg

myQTH K7BTW

addr Jose M Gonzalez
1381 SW 142 Ct
Miami, FL 33184
USA

key QSL Sent

N - don't send ■ LotW

R - requested ■ eQSL AG

Y - sent ■ LotW & eQSL AG

I - don't send

QSL Rcvd

R - requested

Y - confirmed

S - submitted

V - verified

I - invalid X - expired

Online QSL

eQSL.cc

sent U CFM date sent 4/16/2015

rcvd R VFY date rcvd

Display image member

LotW

sent R CFM date sent

rcvd VFY date rcvd

cfm member

New Edit Undo CBA Delete Report Plot 30499 Adv RAT Capture Config

	Band	Call	DXCC	Mode	Starting UTC	lotw	Sent	Rcvd	Freq	FREQ_R	Name	
	20M	W1MA	K	SSB	9/21/2014 23:58		59	59	14.293	14.293	Edward	
	20M	KG5AOE	K	SSB	9/21/2014 23:58		59	59	14.293	14.293	Clifford	
	20M	AJ3O	K	SSB	9/21/2014 23:59		59	59	14.293	14.293	Joseph	P
	20M	N0LNK	K	SSB	9/21/2014 23:59		59	59	14.293	14.293	Brian	N
▶	20M	NK4L	K	SSB	9/22/2014 00:00		59	59	14.293	14.293	Jose	FL

Sort UTC Call Adv

Filter: None X Call DXCC Date Since Sel LotW Broke ~



Do I have to learn ADIF?

- *Of course not... WHEW!*
- *I have an excel program that will*
- *convert a certain part of a*
- *spreadsheet into the same data with*
- *the ADIF headers down below.*
- *Then I have to learn EXCEL?*



Exclusive one time offer..

- I will convert excel to ADIF for you.
- I will not try to read your handwriting..
 - See previous slide...
- Email me at macrosmith@q.com
- I should have this in PDF to email back.
- Tell me what the sequence is on your current logbook page. Date, time, mode, fr, call etc..



- If you have the capability to scan it and attach it to an email, do it, or just tell me the format.
- Hopefully you have a computer that runs some form of Excel.
- I will set up an almost blank spreadsheet, it will have your heading sequence and a row of an example to see the format required.



NOW comes the Fun..

- If you are NOT an Excel user or a good typist, you might have a sympathetic family member that is.....
- Trust me this is much easier than you entering them individually into the running log program. Ask why...



- You can enter contacts in any sequence, not date/time dependant.
- You do not need the actual frequency, just the band is enough.
- Old QSL cards, Old logs, post-its, Napkins...



IF someone else does the typing for you, look carefully at the result.

They do not know if it is supposed to be a "1" or an "I" for example.

Then...



Email the Excel sheet to me

I will convert it to ADIF and send it back

If you have downloaded the Launcher and DXKeeper

I will guide you through how to import the file..

On site support is geographically dependant



Links and resources

- <http://www.dxlabsuite.com/dxkeeper/> tells you even more than I did about what the program does.
- <http://www.df3cb.com/bv/> BV7 label printing software. Let me know and I will send you a template file.



