

DX4Win 8.05

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Eastern Iowa DX Association

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DX4Win 8.05

Overview 1



- DX4Win is an electronic logbook that will:
 - Log your QSOs with auto date & time
 - Interface to your rig to automatically record frequency & mode information
 - Manage QSLs sent & received; Print QSL labels
 - Manage LoTW uploads & downloads
 - Provide intelligent DX Cluster spots, alerting you to “needed” entities; Instant QSY to spot.
 - Automatically turn your beam

DX4Win 8.05

Overview 2



- DX4Win also has a lot of convenience features...
 - For current station (or cluster spot), shows:
 - Worked/confirmed status for country, zone, state and callsign prefix for each band and mode
 - Callbook info
 - List of previous QSOs
 - Beam heading (short/long path), sunrise/sunset times
 - World map showing heading
 - Band map for DX spots
 - Master callsign lookup window

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Overview 3



- DX4Win has superb awards management...
 - Reports of award status for many awards, which can be either:
 - Summary
 - Complete listing
 - (Reports can be printed or saved to CSV file if desired)
 - Tracks award status: Submitted & credited
 - Prepares award submissions

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KØCF's Desktop



BandMap

21,003.32 15m

TA7I

Date	Time	Band	Mode	Conf	QSLDate	Groupname
09/22/2012	03:38	20m	CW	N N N		

Callsign / Mgr lookup

OZKAN OZAL, TA7I
PK. 164
61000 TRABZON

Callsign: TA7I Grid: _____
QSL Mgr: _____ Update QSO

MasterLookup

TA7I

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File Radio Help

18:01

World Map

Zoom Projection Draw Options Find

102.44E 27.01S, Dist = 11141 MI, 317 degrees Grid: OG12ix

TA Turkey

PHO	80	40	30	20	17	15	12	10	6
CW	W	C	C	C	C	C	W	C	
DIG	W	W	W	W	W	W	W	W	

KØCF sorted by Date

Turkey TA: 38° 5, 944M1

Callsign	Prefix	Date	Time	Mode	Band
TA7I	TA	09/22/2012	03:38	CW	20m

rstS rstR Recvd Zone State County Grid

579 579 20

Name: _____ QTH: _____ QSL Mgr: IZ8AJQ
Ozkan

IOTA IOTAIsland Freq (kHz) Group

--- --- 14,024.94 0

Notes for this QSO Sat Name Sat Mode

Notes for this Call QRP YLop

--- --- N N

Label	QSL Date	Cnfm	Method
N	/ /	N	Buro

LoTW	Upload Date	Cnfm	Custom award
Y	/ /	N	---

eQSL	Upload Date	Cnfm
N	/ /	N

DXCC	WAZ	WAS	WPX	County	IOTA	VUCC	CQFid	Custm
Mixed	---	---	---	---	---	---	---	---
Band	---	---	---	---	---	---	---	---
Mode	---	---	---	---	---	---	---	---

DX spots [DXCC] sorted by Frequency (HOLDING)

P	Freq	Callsign	Mem	Time	QSQ	Remarks	Spotter
8	14,262.0	W4GX		3			W2DZ
5	18,075.0	E48A		4			NQ2P
8	21,070.0	DL20CE	E	11		PSK31 599 into AZ, Thx Haral	K7TEJ
8	21,070.0	PE0TS	E	11		PSK31 599 into AZ	K7TEJ
8	21,230.0	SS6LCH	E	4		57 MC, TNX FB QSO, GUD DX	K1HW
8	21,283.0	OM8DM	EL	10		59 coos bay or	K700S
8	21,290.0	FSBZ	EL	2		59 or coast	K700S
8	21,299.6	E48AM		12			N6DDG
8	21,310.0	PA3WB	E	5			WA2HIP
8	21,340.0	F1JRD		6		S9+10 in NW USA	WA7PRC
6	24,894.9	PA4WHF		16			N6ED
3	24,895.6	SC3DX	L	11			N3MR
3	24,897.0	OE5EIN	L	7		qsy'd to dinner	KD4POJ
5	24,899.3	CE2/CX1EK		10			N3LPL
5	24,906.0	CO8LY		2			AD6D
3	24,923.3	KP4RV	EL	9			AB1J
5	24,926.2	CO6RD		8			AB1J
2	24,926.6	E46QY		5		rtty	N9AH
3	24,934.9	LU7DR	EL	8			W1KMA
5	24,959.0	HK3C	L	3		THX JOHN	HE2H
6	24,966.4	OM7USB	E	3			N3QVB
8	28,011.0	9A4UY	EL	7			AD6D
8	28,012.0	404A	EL	4		loud	N3LPL
3	28,013.9	EW3LK		8			N3LPL
8	28,023.0	SS9EKL		1		cq'n	W5JMW
8	28,076.0	GW0TKX	EL	5			WB4EJC
6	28,076.0	HB0WR	EL	7		JT-65	K6GMIK
2	28,120.6	UA2FFM		7		psk31	K4ED
8	28,497.0	MSAFD		1		Very good sig in NY Dave	W2REA
8	29,010.0	ISKAP	E	10		EM85JG<>JN53FQ FB AM QSO Swt	W0TDH

Report: LogBook sorted by Date

Date	Time	Band	Frequency	Mode	Callsign	Name	rstS	rstR	Callsign	Notes	QSO Notes	Country
09/17/2012	16:13	17m	18,080.00	CW	A61Q		599	599				United Arab Emirates
09/17/2012	20:55	17m	18,080.00	CW	Z60K		599	599		QX 18040.7		
09/17/2012	21:14	15m	21,026.99	CW	Z60K		599	599				
09/18/2012	14:46	15m	21,303.24	SSB	Z60K		59	59				
09/18/2012	14:51	15m	21,041.99	CW	JY4NE		599	599				Jordan
09/18/2012	18:23	12m	24,898.08	CW	KP2/K5WE		599	599				US Virgin Islands
09/18/2012	21:56	15m	21,029.00	CW	T8XX		599	599				Palau
09/18/2012	22:00	20m	14,005.09	CW	JY5HX		599	599				Jordan
09/18/2012	22:02	20m	14,053.02	CW	C31CT		599	599				Andorra
09/19/2012	00:48	20m	14,208.05	SSB	VP8LP	Bob	59	59				Falkland Islands
09/20/2012	15:23	17m	18,074.02	CW	EG5INT		599	599				Spain
09/20/2012	15:25	17m	18,082.17	CW	LX1NO		559	559				Luxembourg
09/20/2012	15:46	15m	21,010.02	CW	T6SM		599	599				Afghanistan
09/20/2012	16:00	17m	18,077.50	CW	OV1CDX	Frank	599	599				Denmark
09/21/2012	03:56	40m	7,151.00	SSB	P49T		59	59				Aruba
09/21/2012	15:31	12m	24,891.01	CW	A61Q		599	599				United Arab Emirates
09/22/2012	03:18	20m	14,012.90	CW	A65CA	Yuri	579	579				United Arab Emirates
09/22/2012	03:20	20m	14,008.12	CW	3B8FQ		599	599				Mauritius
09/22/2012	03:22	20m	14,006.99	CW	3D2EW		599	599				Fiji
09/22/2012	03:38	20m	14,024.94	CW	TA7I	Ozkan	579	579				Turkey

Mesa, AZ
81°
Hot Springs, AR

12°
Iowa City, IA
Sat 22 Sep 12
18:01:19
UTC

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TOPICS

Installation

Program Updates

Preferences

Data File Updates

Logbook of the World

Groups

QSL Printing

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INSTALLATION

DX4Win 8.05

Installation 1



- DX4Win does *not* comply with Windows 7 program folder security requirements.
Therefore:
 - Do **NOT** install DX4Win in **C:\Program Files!**
 - Instead, create a folder off the root of your C: drive.
 - I suggest **C:\ham_radio** or something similar.
 - When running Setup, change the install location to **C:\ham_radio\dx4w805** . (This is the sub-folder name suggested by the DX4Win setup program)
 - This folder structure is best for *any* version of Windows.

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Installation 2



- DX4Win setup will create a bunch of sub-folders below **dx4w805**.
 - The important one is “**save**”. Your log will be in here!
 - The others are mostly used internally by DX4Win and should be left alone

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Program
UPDATES

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Program Updates



- I hope you are all running DX4Win version 8.05.
- Reasons you should be using 8.05:
 - It is a SAFE upgrade!
 - This version has:
 - Expanded QSO data, including Name, QTH and Frequency
 - Superior handling of LoTW import/export
 - Bug fixes from earlier versions
 - If you value DX4Win (arguably the best DX logging software available) you should support the developer by buying upgrades!



DX4Win 8.05

Program Updates

- DX4Win version 8.05 cost

- DX4WIN Version 8 download \$89.95

- Upgrade:

- From Version 5 or earlier \$50.00

- From Version 6 \$40.00

- From Version 7 \$30.00

- From Version 8.xx (or v.7 purchased
after March 1, 2009) N/C

DX4Win 8.05

Program Updates



- DX4Win update tips...
 - New version should be in its own sub-folder so that you have side-by-side versions of DX4Win.
 - Start the older version, go to Files | Preferences and write an "INI" file to the "save" folder.
 - Close DX4Win.
 - *Copy* the INI file to the new version's "save" folder.
 - *Copy* your log file to the new version's "save" folder.

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Program Updates



- DX4Win update tips, continued...
 - Start the new version of DX4Win.
 - Go to File | Preferences and do a “File | Merge INI File”, selecting the copied INI file.
 - Select “File | Save Changes and Exit”.
 - Now – and this is VERY important!!
 - Go to File and choose “Close”. If prompted, do NOT save!
 - Go to File and select “Open...” and *navigate to the new version’s “save” folder* and open the log file that you just copied from the older version.
 - Until you are sure you have the log file for the **NEW** version **DO NOT SAVE THE LOG FILE!!!**

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Program Updates



- For complete DX4Win update tips:
 - Go to AD1C's DX4Win site at <http://www.ad1c.us/dx4win/>
 - About half-way down the "Application Notes" section is the "Upgrade tips" link. Click on it and read the entire section before upgrading.

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PREFERENCES

DX4Win 8.05

Preferences – Personal



Setup Parameters

File

Call sign
KØCF

Name and Address
Craig Fastenow
3503 Foxana Dr
Iowa City, IA 52246-8617

User Level Worked Cutoff Mailed Cutoff
Expert 20000 10000

Grid locator Longitude Latitude
EN41ep 91.591 West 41.647 North

Date format Units
mm/dd/yyyy Mi

Personal
Station
QSO
Screen
Import
Radio
Control
CW
Packet1
Packet2
Packet3
RTTY
Ext Data
F2 Key
Rep/Lab

DX4Win 8.05

Preferences – Station



Setup Parameters

File

Bands	Modes	VUCC bands	Personal
<input type="checkbox"/> 160m	<input type="checkbox"/> AM	<input checked="" type="checkbox"/> 6m	Station
<input checked="" type="checkbox"/> 80m	<input type="checkbox"/> AMTOR	<input type="checkbox"/> 4m	QSO
<input type="checkbox"/> 60m	<input type="checkbox"/> ASCII	<input type="checkbox"/> 2m	Screen
<input checked="" type="checkbox"/> 40m	<input type="checkbox"/> ATV	<input type="checkbox"/> 1.25m	Import
<input checked="" type="checkbox"/> 30m	<input type="checkbox"/> CLOVER	<input type="checkbox"/> 70cm	Radio
<input checked="" type="checkbox"/> 20m	<input checked="" type="checkbox"/> CW	<input type="checkbox"/> 33cm	Control
<input checked="" type="checkbox"/> 17m	<input type="checkbox"/> FAX	<input type="checkbox"/> 23cm	CW
<input checked="" type="checkbox"/> 15m	<input type="checkbox"/> FM	<input type="checkbox"/> 13cm	Packet1
<input checked="" type="checkbox"/> 12m	<input type="checkbox"/> FSK441	<input type="checkbox"/> 9cm	Packet2
<input checked="" type="checkbox"/> 10m	<input type="checkbox"/> FSTV	<input type="checkbox"/> 6cm	Packet3
<input checked="" type="checkbox"/> 6m	<input type="checkbox"/> GTOR	<input type="checkbox"/> 3cm	RTTY
<input type="checkbox"/> 4m	<input type="checkbox"/> HELL	<input type="checkbox"/> Sat	Ext Data
<input type="checkbox"/> 2m	<input type="checkbox"/> HFSK		F2 Key
<input type="checkbox"/> 1.25m	<input type="checkbox"/> ISCAT		Rep/Lab
<input type="checkbox"/> 70cm	<input type="checkbox"/> JT44		
<input type="checkbox"/> 33cm	<input type="checkbox"/> JT65		
<input type="checkbox"/> 23cm	<input type="checkbox"/> JT65A		
<input type="checkbox"/> 13cm	<input type="checkbox"/> JT6M		
<input type="checkbox"/> 9cm	<input type="checkbox"/> MFSK16		
<input type="checkbox"/> 6cm	<input type="checkbox"/> MFSK8		
<input type="checkbox"/> 3cm	<input type="checkbox"/> MT63		

Mode group

- Phone
- CW
- Digital
- Image

DX4Win 8.05

Preferences – QSO



Setup Parameters

File

Defaults for new QSO

Band	Mode	QSL Method	Label/Upl flag	Group
20m	CW	Buro	<input type="checkbox"/> QSL card <input checked="" type="checkbox"/> LoTW <input type="checkbox"/> eQSL	0

Options

- Callsign Update
- Warn if QSO not saved
- Show Hints
- Cycle Files
- Check Calendar at startup
- Show seconds in time
- Show band in MHz

Backup (min)

Secondary backup directory

Searching

Callsign

QSO Date

CW frequency cutoff

Band

Frequency (kHz)

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – QSO with Help



The screenshot displays the DX4Win 8.05 interface. On the left, the "Setup Parameters" dialog is open, showing settings for "File", "Options", and "Searching". The "File" section includes "Defaults for new QSO" with fields for Band (20m), Mode (CW), QSL Method (Buro), Label/Upl flag (QSL card, LoTW, eQSL), and Group (0). The "Options" section has checkboxes for "Callsign Update", "Warn if QSO not saved", "Show Hints", "Cycle Files", "Check Calendar at startup", "Show seconds in time", and "Show band in MHz". The "Searching" section has "Callsign" set to "Exact" and "QSO Date" set to "Range". The "CW frequency cutoff" section has "Band" set to "160m" and "Frequency (kHz)" set to "1,840". The "Secondary backup directory" is "C:\Users\Craig\Dropbox\DX4". On the right, a search window is open with the text "Type in the keyword to find:" and a list of search terms including "###", "\$\$", "\$\$\$", "@", and "address data from CDRom". The "Preferences | QSO" dialog is also open, showing the "Setting Preferences:" section with the text "The group number is also used when importing files that do not define such a field." and the "Options" section with "Callsign Update" and "Warn if QSO not saved" options.

DX4Win 8.05

Preferences – Screen



Setup Parameters

File

Screen Fonts / Scale

Heading	Size	Bold	Scale Factor
Arial	9	<input type="checkbox"/>	80
Input	11	<input type="checkbox"/>	
Consolas	11	<input type="checkbox"/>	
Listbox	10	<input type="checkbox"/>	
Consolas	10	<input type="checkbox"/>	

Leave all windows in original position

Visual appearance

No skin selected

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – Import



Setup Parameters

File

Prefix and zone differences

Accept DX4WIN values

Error reporting

- Simple errors
- Prefix differences
- Zone differences

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – Radio



Setup Parameters

File

Radio

Type: ICOM 7600 500Hz Address: 7A Baud Rate: 19200

Notes for radio: Default Default
500Hz_ON4AOI

COM Port: COM4 Poll rate (ms): 100 Max tries: 5 DTR high
 RTS high

Transverter Offset (KHz): 0 Band: None

Second Radio

Type: None Address: 00 Baud Rate: 0

Notes for radio: Default Default

COM Port: COM1 Poll rate (ms): 5000 Max tries: 6 DTR high
 RTS high

Transverter Offset (KHz): 0 Band: None

Personal
Station
QSO
Screen
Import
Radio
Control
CW
Packet1
Packet2
Packet3
RTTY
Ext Data
F2 Key
Rep/Lab

DX4Win 8.05

Preferences – Control



Setup Parameters

File

Band decoder

Type	LPT Port	Active bands
None	LPT1	160m-10m

Rotator Control

Type	COM Port
None	COM1

Message handshake

ThunderForm | ARSWIN

PSK sound card

Input	Stereo Mix (IDT High Definition)
Output	Communications Headphones (IDT)

SteppIR

Port	Baud Rate	Bands enabled
COM1	9600	<input checked="" type="checkbox"/> 160m <input checked="" type="checkbox"/> 80m <input checked="" type="checkbox"/> 60m <input checked="" type="checkbox"/> 40m

Take output from

Disabled

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – CW



Setup Parameters

File

Device type	Radio 1/2 signal	Radio 1/2 signal	Personal
WinKey	None	<input type="checkbox"/> Reverse	Station

Software CW keying / PTT control

Interface	PTT delay	DTR line	RTS line
COM4	0	None	PTT control

External keyer

Port

COM3

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – Packet1



Setup Parameters

File

Cluster interface

Type: Regular (dropdown) COM Port: TCP/IP (dropdown) Message handshake: (text field)

Baud Rate: 9600 (text field) Flow Control: None (dropdown) Data / Parity: 8 bits/no parity (dropdown)

Warning messages: List in Window (text field) Audio / Voice: Band/Mode/Call (text field)

DXAlerts: New Award Mode (text field) Callsign Alert: SV2ASP/A, T6* (text field)

Age for spots (min): Spots: 30 (text field) Band map: 30 (text field) Prefixes/Zones for Spotters: #3, #4, #5, K, VE (text field)

Options

Spots to ignore: Gray spots (text field)

Backup DX spots

Show spot on taskbar

Show function keys

Update QSO Window

Alert unconfirmed country

Use bell character

Enable Last Freq

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – Packet2



Setup Parameters

File

Scrollback capacity
Packet DX spots

Talk messages

Show age of spots
 Check @ calls

Warning patterns

DX spotting patterns

Colors for DX spots

Personal
Station
QSO
Screen
Import
Radio
Control
CW
Packet1
Packet2
Packet3
RTTY
Ext Data
F2 Key
Rep/Lab

DX4Win 8.05

Preferences – Packet3



Setup Parameters

File

Packet spotting filter

Bands	Modes
<input type="checkbox"/> 160m	<input type="checkbox"/> AM
<input checked="" type="checkbox"/> 80m	<input type="checkbox"/> AMTOR
<input type="checkbox"/> 60m	<input type="checkbox"/> ASCI
<input checked="" type="checkbox"/> 40m	<input type="checkbox"/> ATV
<input checked="" type="checkbox"/> 30m	<input type="checkbox"/> CLOVER
<input checked="" type="checkbox"/> 20m	<input checked="" type="checkbox"/> CW
<input checked="" type="checkbox"/> 17m	<input type="checkbox"/> FAX
<input checked="" type="checkbox"/> 15m	<input type="checkbox"/> FM
<input checked="" type="checkbox"/> 12m	<input type="checkbox"/> FSK441
<input checked="" type="checkbox"/> 10m	<input type="checkbox"/> FSTV
<input type="checkbox"/> 6m	<input type="checkbox"/> GTOR
<input type="checkbox"/> 4m	<input type="checkbox"/> HELL
<input type="checkbox"/> 2m	<input type="checkbox"/> HFSK
<input type="checkbox"/> 1.25m	<input type="checkbox"/> ISCAT
<input type="checkbox"/> 70cm	<input type="checkbox"/> JT44
<input type="checkbox"/> 33cm	<input type="checkbox"/> JT65
<input type="checkbox"/> 23cm	<input type="checkbox"/> JT65A
<input type="checkbox"/> 13cm	<input type="checkbox"/> JT6M
<input type="checkbox"/> 9cm	<input type="checkbox"/> MFSK16

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – RTTY



Setup Parameters

File

RTTY interface

Type: COM Port:

Baud Rate: Flow Control: Data / Parity:

Scrollback capacity:

Options

- Check for DX spots
- Announce DX to other window
- Always in Immediate mode
- Use bell character
- Show function keys

MMTTY

Executable:

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

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Preferences – Ext Data



Setup Parameters

File

Address search

Data Source: **ORZ CDRom** Data Directory: **D:**

QSL Manager search (EXE)

Executable program: Enabled
C:\GOLIST\GOLIST.EXE

QSL Manager search (DLL)

DLL: Enabled

Website callsign lookup

Callsign lookup address: Enabled
http://www.qrz.com/db/

QSL manager lookup address
http://www.qrz.com/db/

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4Win 8.05

Preferences – F2 Key



Setup Parameters

File

Action when pressing F2 Key

- Mark QSO as confirmed
- Mark for printing a Label

Confirmation options

- Set QSL Date to today
- Alert when confirming QSO for an award

Label options

- Mark for sequenced printing

QSL Method

Buro

Awards checked when confirming QSO

- DXCC
- WAS
- WAZ
- WPX
- County
- IOTA
- VUCC
- County Field

QSO selection after F2 key

Specify New QSO Filter

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

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Preferences – Rep/Lab



Setup Parameters

File

Reports

Font name Size

Embellishments

Bold Header

Default Report Format

Report Heading

Labels

Greeting

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

DX4WIN

Hide Back Forward Home Print Options

Contents Index Search F4

Type in the keyword to find:

replaced by serial number in c
\$\$ replaced by QSX frequency w
\$\$\$ option for QSL method
@ special character in memberst
about
add a new country
add QSO
off-line
real-time
address
address data from CDRom
lookup
provided by license file
QSL manager
address of radio
ADIF

Display

Setting Preferences > Preferences | Reports / Labels:

Preferences | Labels

The first two lines are used for regular QSO labels; the third line is used for SWL labels.

To select fonts, and other layout parameters use the label editor (File | Databases | Labels)

Greeting

The text in the Greeting fields will be printed as the last lines of a QSL label. If you leave this field blank no greeting is printed.

If the text of the greeting contains @@ (two at signs), the two character will be replaced with 'Pse QSL' or 'Tnx QSL' depending on the confirmation status of the QSOs to be printed. If present, the QSOs will be split in two groups; confirmed and not confirmed and the text reflects the status of all QSOs printed on a label.

A && (two ampersands) will be replaced by the Name associated with the callsign..

A %% (two percent characters) will be replaced by the group name that corresponds to the group number for the QSO printed. See also GroupNr and QSO | Filter | Edit group names

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Data Files

UPDATE

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Data Files Update



- There are a number of data files associated with DX4Win:
 - DX4WIN.CTY country file (including ADIF.PMP)
 - DX4WIN.AWD . . . award database
 - DX4WIN.CAL DX calendar
 - DX4WIN.MAS1 . . master callsigns
 - DX4WIN.MAS2 . . LoTW / eQSL users list
 - DX4WIN.TCP DX cluster node addresses
 - FULLLIST.XML . . . IOTA islands

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Data Files Update



- These data files should be kept up-to-date!
Why?
 - The country list is *continually* changing because:
 - Countries are added and deleted from the list
 - The country list contains callsign *exceptions*. This means that a callsign may not correctly reflect its country.
 - Awards are added and changed.
 - Cluster nodes are closed, added or change address
 - IOTA data changes frequently
 - The DX Calendar changes weekly, as does the LoTW membership list

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Data Files Update



- It used to be a real PITA to update these files!
 - You had to find the updated file on the internet.
 - Then you had to download it.
 - Finally, you had to try to remember how to apply the update.

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Data Files Update



- Now, thanks to Jim, AD1C, it has become trivial.
 - Go to <http://www.ad1c.us/dx4win/updater>
 - From this page you can:
 - Read the complete instructions for using the Updater.
 - Download dx4wupd.exe in a ZIP file, which includes configuration files for the different DX4Win versions.
- Don't be intimidated by the length of the instructions – it's really easy to set up and use!

DX4Win 8.05

Data Files Update



- DX4WUpd updates all the data files with a couple of caveats:
 - To keep your recent cluster nodes on top of the list, you must create a file listing the nodes you want on top. Updater can incorporate that. See the instructions!
 - Calendar.txt must be manually imported into the DX4Win calendar each time. It's a nuisance and may not be worth the effort for you.
 - DX4WUpd will update itself, but not DX4Win.

DX4Win 8.05

Data Files Update



- Jim, AD1C, does an incredible job with the country list.
 - There are hundreds (maybe thousands) of callsign exceptions that he keeps up-to-date.
 - The QSL manager data in this file is among the best anywhere, and is updated regularly.
 - New entities are added at the right time.
 - Jim works with Alan Jubb, 5B4AHJ / G3PMR, the database manager at “ClubLog.com”, on updates.

DX4Win 8.05

Data Files Update



- Sometimes, after a country file update, your DXCC country totals may be off.
- AD1C to the rescue (again)!
 - The "DX4WLOTW" program compares your DX4WIN DXCC records with the DXCC award credit listing found on the ARRL Logbook of the World (LoTW) web site.
 - This is the first Utility listed on <http://www.ad1c.us/dx4win/>

DX4Win 8.05

Data Files Update



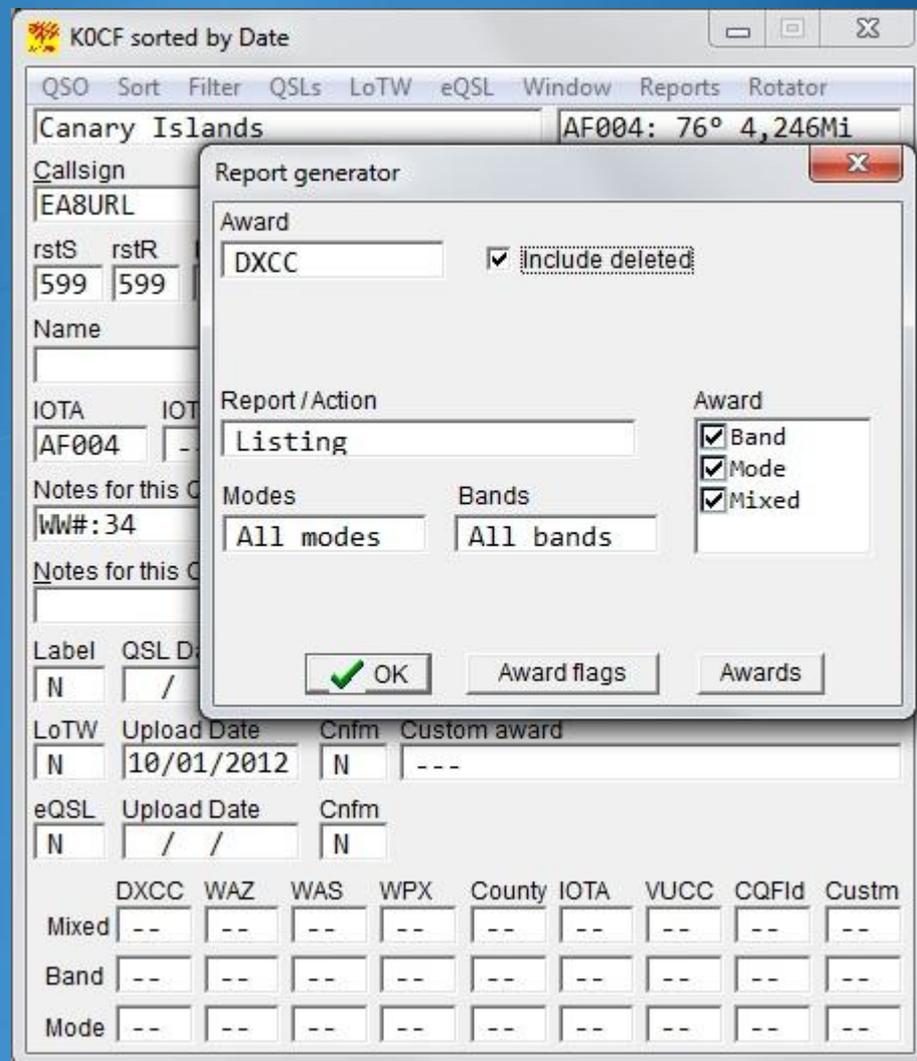
- To use this program you must create two listings of your DXCC credits.
 - The first from DX4Win
 - The second from LoTW

DX4Win 8.05

Data Files Update



- To get the DX4Win listing:
 - From the QSO window “Reports” menu:



DX4Win 8.05

Data Files Update



- Right click and choose “Write to File” ...

DXCC Listing (Includes Deleted)

Prefix	Country name	D	Mix	PHO	CW	DIG	80	40	30	20	17	15	12	10	6
1A0	Sov. Military Order of Malta	*		W	*					W		*			
1S	Spratly Islands	*	*									*			
3A	Monaco	*	*							*					
3B7	Agalega & St. Brandon Is.	*	*							*					
3B8	Mauritius	*	*	*				W	W	*	W				
3B9	Rodriguez Island	*	*	*		C		*	*	*	*	*	*		
3C	Equatorial Guinea	*	*							*		*			
3C0	Annobon Island											*			
3D2	Fiji									*	W	W	*		
3D2/C	Conway Reef											*	*	*	
3D2/R	Rotuma Island	*	*	*											*
3DA	Swaziland	*	*	*				*	*	*		*		*	
3V	Tunisia	*	*	*				*		*		*		*	
3W	Vietnam	*		*						W		*			
3X	Guinea	*	*	*				*		*		*		*	
3Y/B	Bouvet														
3Y/P	Peter 1 Island	*		*				*	*		*				
4J	Azerbaijan	*	*	*						*	C				
4L	Georgia	*	*	*						*	W	*			
40	Montenegro	*	*	*			*	*	M	*	*	*		*	
4S	Sri Lanka	*	*	W						*	W				
4U/IT	ITU HQ	*	*	*				*		*		*		*	
4U/UN	United Nations HQ	*	*	*					*	*	W	W			
4W	Timor - Leste	*	*	*						*	W		*		
4X	Israel	*	*	*		W		W	W	*	*	*		*	

DX4Win 8.05

Data Files Update



- Give the file a name with a .csv extension.
- Save the file in the same directory as
DX4WLOTW.EXE

DX4Win 8.05

Data Files Update



- For LoTW, go the “Awards” tab and click on the “Select DXCC Award Account” button.

DX4Win 8.05

Data Files Update



THE ARRL



LOGBOOK
OF THE WORLD™

YAESU
The radio
PRINCIPAL SPONSOR
of the LoTW Website

You are K0CF-
[Log Off](#)
You have 23,072 QSO records
You have 8,964 QSL records

Choice of the World's top DX'ers SM

Home
Your QSOs
Awards
Find Call
Upload File
Your Account

- Award Account Menu
- Account Status
- Account Credits
- Modify Account
- Application
- Application History

Your Logbook DXCC Account (K0CF - UNITED STATES OF AMERICA)

Account Status

Award	Selected	Applied	Awarded	Total / Current
Mixed *	0	0	343	343 / 331
CW *	1	0	280	281 / 276
Phone *	0	0	320	320 / 309
Digital	41	0	32	73 / 72
80M	1	0	88	89 / 88
40M *	2	0	160	162 / 160
30M	2	0	70	72 / 70
20M *	3	0	279	282 / 278
17M *	6	0	137	143 / 141
15M *	5	0	237	242 / 239
12M	5	0	60	65 / 64
10M *	1	0	179	180 / 178
6M	0	0	2	2 / 2
Challenge *	19	0	1201	-- / 1220

* = Award has been issued

[View Award Credit Matrix](#)

This account includes credits for the following:

K0CF - UNITED STATES OF AMERICA

This account is linked with DXCC record:

Craig Fastenow, K0CF

Notes

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

DX4Win 8.05

Data Files Update



DXCC Award Credit Report
Craig Fastenow, K0CF

(Sorted by) Prefix	(Sort by) Entity	Deleted	Mix	Ph	CW	RT	SAT	160	80	40	30	20	17	15	12	10	6	2
	ABU AIL IS. (DELETED)	Yes	X	X														
	BLENHEIM REEF (DELETED)	Yes																
	GEYSER REEF (DELETED)	Yes																
	SPRATLY ISLANDS		X	X										X				
1A0KM	SOV MILITARY ORDER OF MALTA		X		X									X				
1M	MINERVA REEF (DELETED)	Yes																
3A	MONACO		X	X								X						
3B7	AGALEGA & ST BRANDON ISLANDS		X	X								X						
3B8	MAURITIUS ISLAND		X	X	X							X						
3B9	RODRIGUEZ ISLAND		X	X	X				X	X	X	X	X	X	X			
3C	EQUATORIAL GUINEA		X	X								X		X				
3C0	ANNOBON		X	X										X				
3D2	CONWAY REEF		X	X	X									X	X	X		
3D2	FIJI ISLANDS		X	X	X							X			X			
3D2	ROTUMA		X	X	X												X	
3DA	SWAZILAND		X	X	X					X	X	X		X		X		
3V	TUNISIA		X	X	X					X		X		X		X		
3W, XV	VIET NAM		X		X									X				
3XA	GUINEA		X	X	X					X		X		X		X		
3Y	BOUVET ISLAND																	
3Y	PETER 1 ISLAND		X		X					X	X		X					
4J	AZERBAIJAN		X	X	X							X						
4L	GEORGIA		X	X	X							X		X				
4O	MONTENEGRO		X	X	X			X	X		X	X	X	X		X		
4S	SRI LANKA		X	X								X						
4U1ITU	ITU HQ		X	X	X					X		X		X		X		
4U1UN	UNITED NATIONS HQ		X	X	X						X	X						
4W	TIMOR - LESTE		X	X	X							X			X			

DX4Win 8.05

Data Files Update



- Click on your Web Browser "File" menu and choose "Save as...".
- In the "Save as type:" box, select "**Web Page, HTML Only**". Give the file a name with a .htm extension, or you can keep the default name. Save the file in the same directory as DX4WLOTW.EXE

DX4Win 8.05

Data Files Update



Then run
DX4WLOTW:

Voila! You can
now see the
problem(s).

The report can
be saved or
printed.

The screenshot shows the 'dx4wlotw' application window. The title bar reads 'dx4wlotw'. The main window content is titled 'Compare DX4WIN DXCC Listing to LoTW Award Credit Matrix'. It features two input fields for file paths: 'C:\Ham_Radio\dx4w805\LoTW 2012-08-09.htm' (HTML file) and 'C:\Ham_Radio\dx4w805\DX4WDXCC-2012-08-09.c' (CSV file). There are checkboxes for 'Treat DX4WIN Submitted as Checked' (checked) and 'Report uses Frequency' (unchecked). A legend box on the right lists status codes: * Checked, S Submitted, C Confirmed, M Mailed, L Label Pending, W Worked. A vertical stack of buttons includes 'Compare', 'Save', 'Print', 'Help', and 'Exit'. The main display area shows the following text:

```
DX4WIN Award Modes: [Mix] [PHO] [CW] [DIG]
DX4WIN Award Bands: [80] [40] [30] [20] [17] [15] [12] [10] [6]

Couldn't find LoTW match for ZK2: Niue in DX4WIN

Mix: 342 matches
PHO: 319 matches
CW: 279 matches
DIG: 32 matches
80M: 88 matches
40M: 159 matches
30M: 70 matches
20M: 278 matches
17M: 137 matches
15M: 236 matches
12M: 59 matches
```

DX4Win 8.05

Data Files Update



- What if you find a QSO (with QSL card) that shows the wrong country in DX4Win?
 - Email Jim, AD1C, with the complete QSO info.
 - A scanned image of the QSL card is desirable
 - Jim will work with Alan, 5B4AHJ, to resolve the problem. If your info is validated, the country file will be changed to reflect this info.
 - Jim encourages you to provide this input. It is how he keeps the country file correct and current.

DX4Win 8.05



Logbook of the World

DX4Win 8.05

Logbook of The World



The DX4Win Logbook window. Note the LUpl and LoTW Date columns...



Report: LogBook sorted by Date

Date	Time	Band	Frequency	Mode	Callsign	Name	rstS	rstR	Callsign Notes	QSO Notes	Country	State	Zone	Conf	LCnf	QSL Mgr	Groupname	LUpl	LoTW Date	Number
09/17/2012	16:13	17m	18,080.00	CW	A61Q		599	599			United Arab Emirates		21			EA7FTR		Y		23368
09/17/2012	20:55	17m	18,080.00	CW	Z60K		599	599		QSX 18040.7			0					Y		23369
09/17/2012	21:14	15m	21,026.99	CW	Z60K		599	599					0					Y		23370
09/18/2012	14:46	15m	21,303.24	SSB	Z60K		59	59					0					Y		23371
09/18/2012	14:51	15m	21,041.99	CW	JY4NE		599	599			Jordan		20			K3IRV		Y		23372
09/18/2012	18:23	12m	24,898.08	CW	KP2/K5WE		599	599			US Virgin Islands		8					Y		23373
09/18/2012	21:56	15m	21,029.00	CW	T8XX		599	599			Palau		27			DL5AXX		Y		23374
09/18/2012	22:00	20m	14,005.09	CW	JY5HX		599	599			Jordan		20					Y		23375
09/18/2012	22:02	20m	14,053.02	CW	C31CT		599	599			Andorra		14			EA3QS		Y		23376
09/19/2012	00:48	20m	14,208.05	SSB	VP8LP	Bob	59	59			Falkland Islands		13					Y		23377
09/20/2012	15:23	17m	18,074.02	CW	EG5INT		599	599			Spain		14					Y		23378
09/20/2012	15:25	17m	18,082.17	CW	LX1NO		559	559			Luxembourg		14					Y		23379
09/20/2012	15:46	15m	21,010.02	CW	T6SM		599	599			Afghanistan		21			DL3ASM		Y		23380
09/20/2012	16:00	17m	18,077.50	CW	OV1CDX	Frank	599	599			Denmark		14			OZ1GML		Y		23381
09/21/2012	03:56	40m	7,151.00	SSB	P49T		59	59			Aruba		9			W3BTX		Y		23382
09/21/2012	15:31	12m	24,891.01	CW	A61Q		599	599			United Arab Emirates		21			EA7FTR		Y		23383
09/22/2012	03:18	20m	14,012.90	CW	A65CA	Yuri	579	579			United Arab Emirates		21			RV6AJJ		Y		23384
09/22/2012	03:20	20m	14,008.12	CW	3B8FQ		599	599			Mauritius		39			K5XK		Y		23385
09/22/2012	03:22	20m	14,006.99	CW	3D2EW		599	599			Fiji		32			YT3W		Y		23386
09/22/2012	03:38	20m	14,024.94	CW	TA7I	Ozkan	579	579			Turkey		20			IZ8AJQ		Y		23387

DX4Win 8.05

Logbook of The World



K0CF sorted by Date

QSO Sort Filter QSLs LoTW eQSL Window Reports Rotator

Canary Islands

Callsign Prefix
EA8URL EA8

rstS	rstR	Recvd	Zon
599	599	33	33

Name

IOTA IOTAIsland
AF004 --

Notes for this QSO
WW#: 34

Notes for this Call

QRP	YLop
N	N

Label	QSL Date	Cnfm	Method
N	/ /	N	Buro
LoTW	Upload Date	Cnfm	Custom award
N	10/01/2012	N	---
eQSL	Upload Date	Cnfm	
N	/ /	N	

	DXCC	WAZ	WAS	WPX	County	IOTA	VUCC	CQFId	Custm
Mixed	--	--	--	--	--	--	--	--	--
Band	--	--	--	--	--	--	--	--	--
Mode	--	--	--	--	--	--	--	--	--

246Mi

Band
20m

Grid

Mgr

Group
08 6

Mode

Set LoTW upload flag

Set LoTW upload date

Set LoTW confirmed

Clear LoTW upload flag

Clear LoTW upload date

Clear LoTW confirmed

Export to LoTW

Import from LoTW

Review QSOs not found

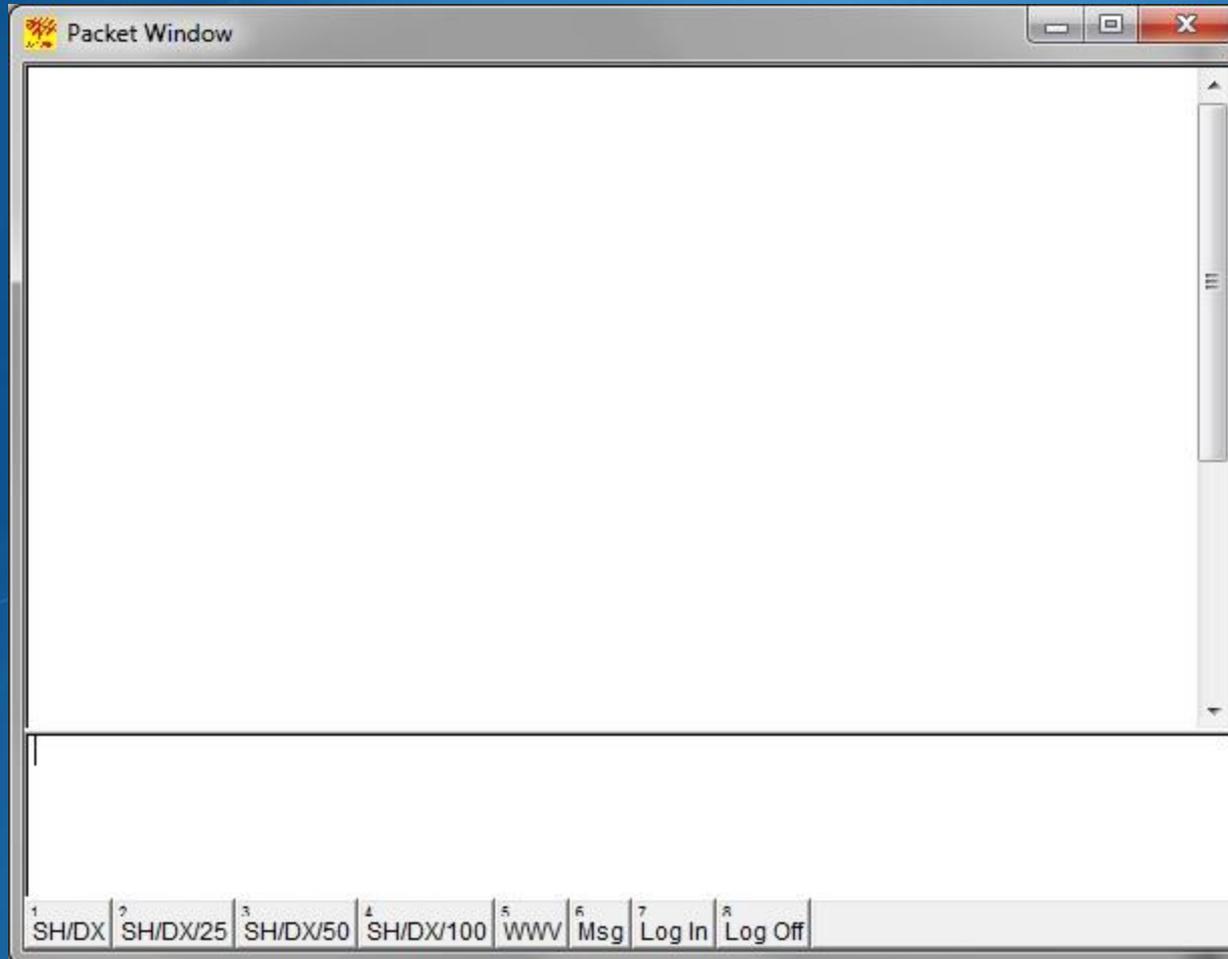
DX4Win 8.05



DX Cluster

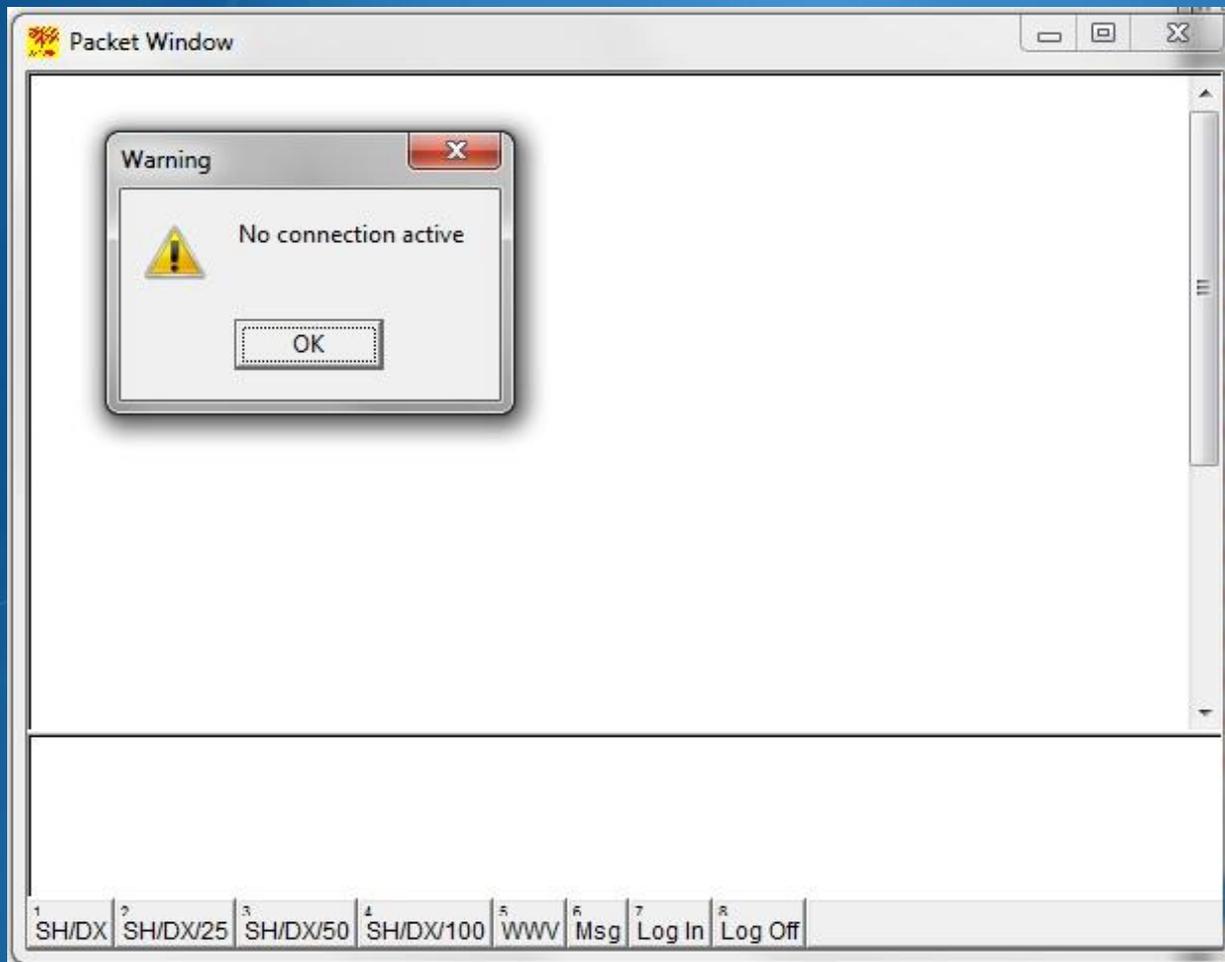
DX4Win 8.05

DX Cluster



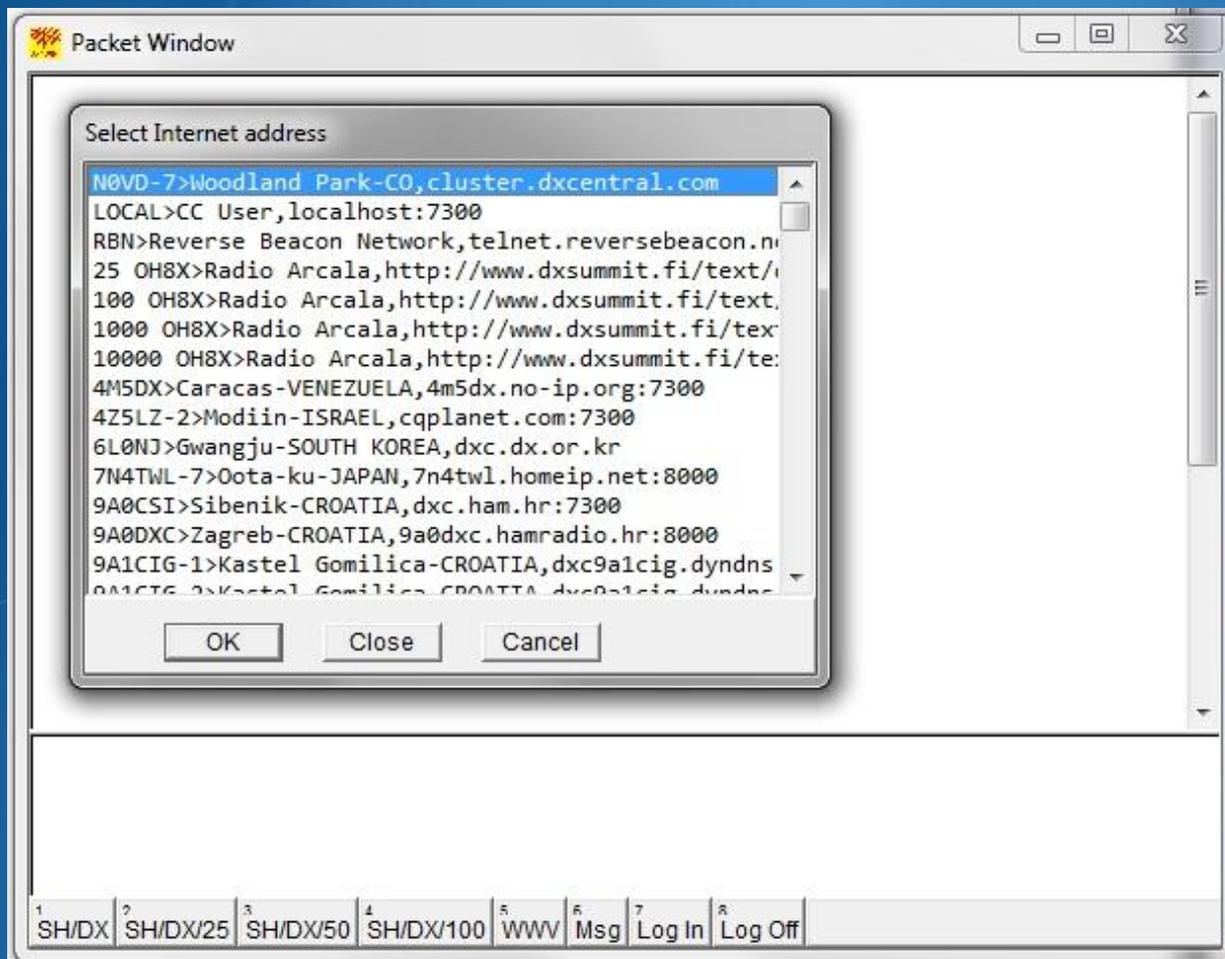
DX4Win 8.05

DX Cluster



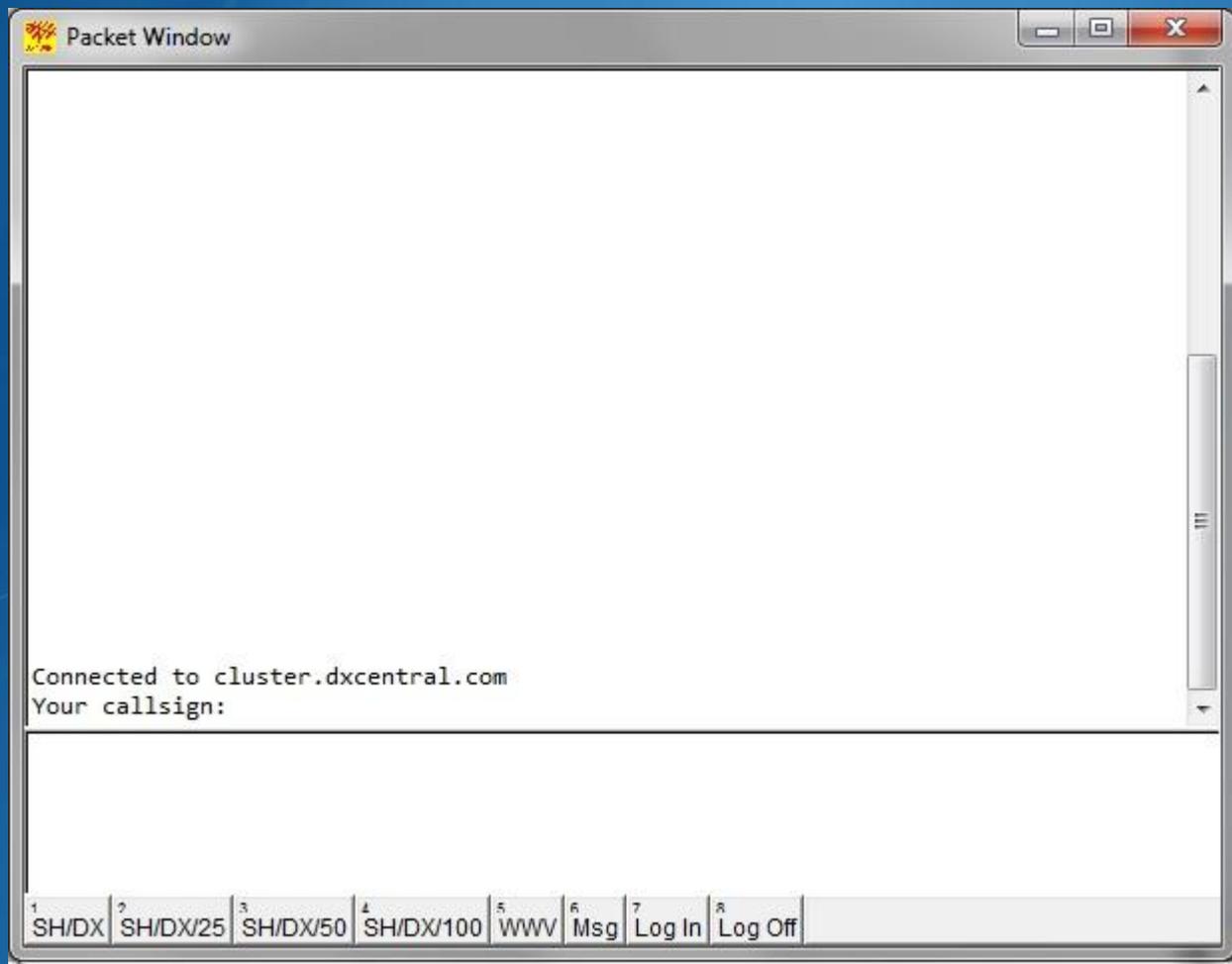
DX4Win 8.05

DX Cluster



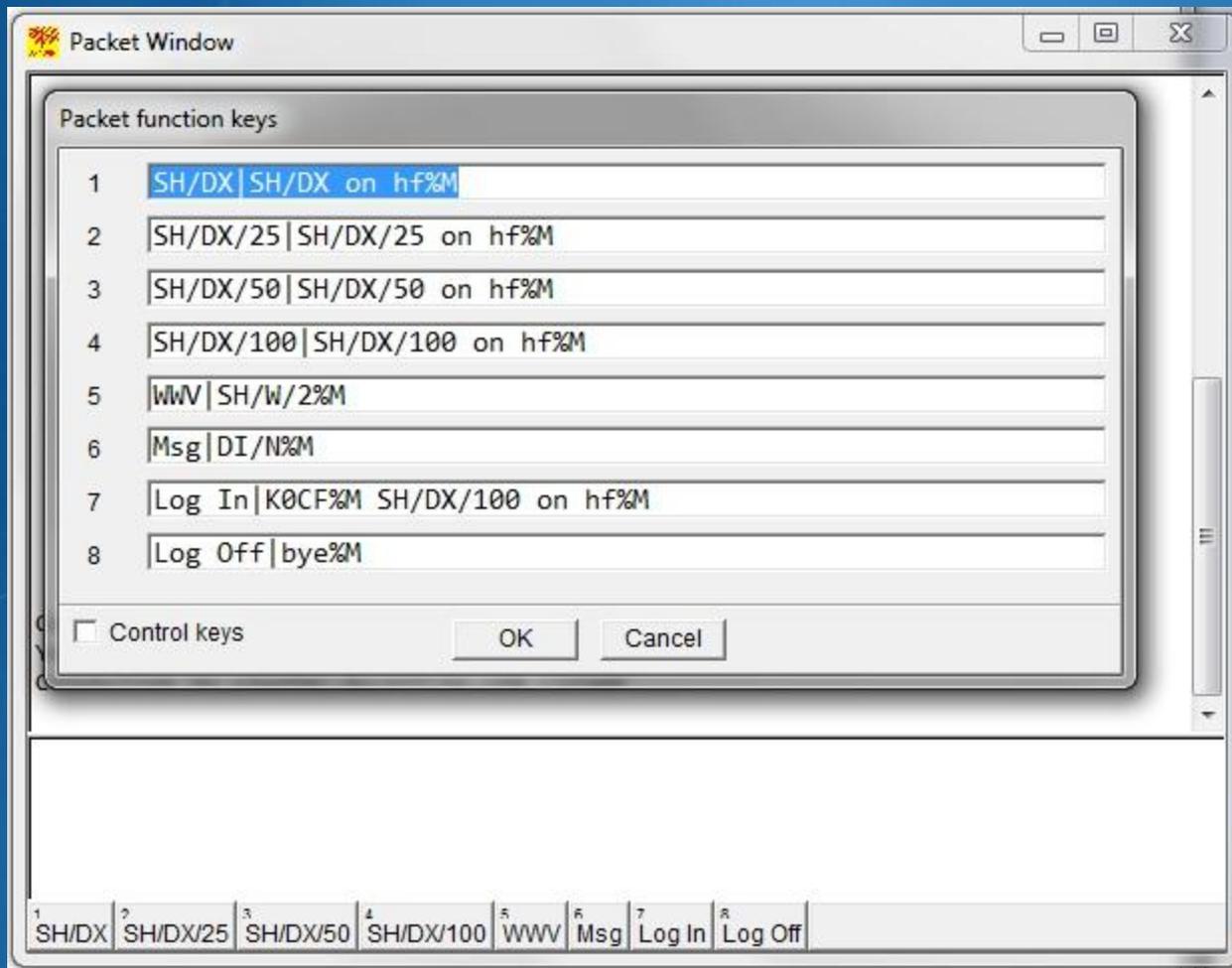
DX4Win 8.05

DX Cluster



DX4Win 8.05

DX Cluster



DX4Win 8.05

DX Spots



DX spots [DXCC] sorted by Frequency (HOLDING)

P	Freq	Callsign	Mem	Time	QSX	Remarks	Spotter
8	14,262.0	W4GZX		3			W2DZ
5	18,078.0	EW8A		4			NQ2F
8	21,070.0	DL2OCE	E	11		PSk31 599 into AZ, Thx Haral	K7TEJ
8	21,070.0	PE0TS	E	11		PSK31 599 into AZ	K7TEJ
8	21,230.0	S56LCH		4		57 NC, TNX FB QSO, GUD DX	K1HV
8	21,283.0	ON8DM	EL	10		59 coos bay or	K700S
8	21,290.0	F5BZB	EL	2		59 or coast	K700S
8	21,299.6	EA8AM		12			N6DDG
8	21,310.0	PA3WB	E	5			WA2HIP
8	21,340.0	F1JRD		6		S9+10 in NW USA	WA7PRC
6	24,894.9	PA4VHF		16			N6ED
3	24,895.6	SC3DX	L	11			W3MR
3	24,897.0	OE5FIN	L	7		qsy'd to dinner	KD4POJ
5	24,899.3	CE2/CX1EK		10			W3LPL
5	24,906.0	C08LY		2			AD6D
3	24,923.3	KP4RV	EL	9			AB1J
5	24,926.2	C06RD		8			AB1J
2	24,926.6	EA6QY		5		rtty	N9AW
3	24,934.9	LU7DR	EL	8			W1KMA
5	24,959.0	HK3C	L	3		TNX JOHN	WE2N
6	24,966.4	ON7USB	E	3			N3QVB
8	28,011.0	9A4WY	EL	7		loud	AD6D
8	28,012.0	404A	EL	4			W3LPL
3	28,013.9	EW3LK		8			W3LPL
8	28,023.0	S59EKL		1		cq'n	W5JMW
8	28,076.0	GW0TKX	EL	5			WB4EJC
6	28,076.0	HB0WR	EL	7		JT-65	KG6WIK
2	28,120.6	UA2FFW		7		psk31	K4ED
8	28,497.0	M5AFD		1		very good sig in NY Dave	W2REA
8	29,010.0	I5KAP	E	10		EM85JG<>JN53FQ FB AM QSO 5wt	W0TDH

DX4Win 8.05

DX Spots



DX spots [DXCC] sorted by Frequency (HOLDING)

P	Freq	Callsign	Mem	Time	QSX	Remarks	Spotter
3	3,526.5	ES5RY	E	1361			W3LPL
8	7,008.6	ES3AX		1362			K0RU
8	7,012.0	UT7DU	E				K0RU
6	7,018.0	SV9/DF8DX					W3LPL
8	7,152.0	DB2RR					WB9JOX
8	7,159.0	M00JG					WB9JOX
8	7,218.0	WP4U	E				VE2EVN
8	10,105.0	EW80					VE7SV
8	10,114.0	ZA/OK1FCJ					W3LPL
8	10,120.0	RX9WT/P					VE7SV
1	14,000.0	3D2C					PA0LEG
8	14,001.0	ZL2IFB	L				KF7E
8	14,070.2	CX5IC					N5JUJ
8	14,183.0	T30TT					N0KE
1	18,150.0	3D2C					HL5BMX
1	21,025.0	3D2C					UW7CN
1	24,950.0	3D2C					UT9NA

- Delete Ctrl+D
- Grab spot and set radio Enter
- Grab spot only Alt+Enter
- Show spot info in QSO Window Ctrl+Q
- Add to Callsign Alert
- Remove from Callsign Alert
- Return to last Freq Ctrl+Enter
- Listen Ctrl+L
- Monitor Ctrl+M
- Sort
- Toggle holding Ins
- View announcements
- DXCC colors
- WAZ colors
- WPX colors
- Cancel spot announcements Esc
- Clear All Spots
- Delete old spots (30 mins)
- Write spots to File
- Membership list
- Band Map

DX4Win 8.05



Groups

DX4Win 8.05

Groups



- Groups are useful for a number of purposes:
 - Marking QSOs from:
 - Various contests.
 - QSOs under different callsigns
 - Net QSOs, e.g. Geratol Net on 3.668 MHz
 - The Group name can be printed on QSL labels.
 - You can search on Group numbers, combined with other parameters.

DX4Win 8.05

Groups



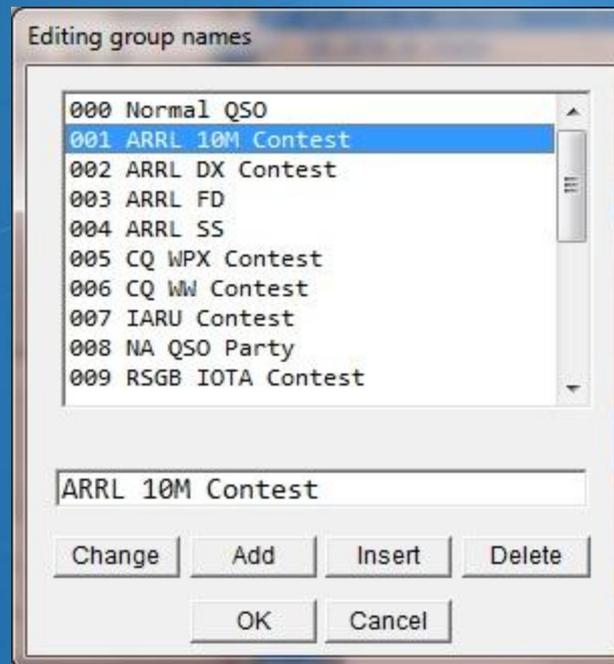
- The default Group number is 0: “Normal QSO”
- When you begin operating (or importing a log) where a different group is desired for a number of QSOs, you can change the default group in “File | Preferences”. (Remember to change it back when you are done!)
- It can also be set by filtering the log as needed and doing a “Multiple QSO Operation” for group number.

DX4Win 8.05

Groups



- The “Edit group names” dialog (found under the “Filter” menu)...



DX4Win 8.05

Groups



- KØCF's basic rules for using groups...
 - Don't use a group to filter things that can be filtered on other fields. For example you should never incorporate the following into a group name:
 - Date
 - Mode
 - Band
 - Name your groups so that they will read correctly if printed on your QSLs.

DX4Win 8.05

Groups



- KØCF's basic rules for using groups...
 - Some contesters seem to think they need a separate group for every contest, such as:
 - CQ WW RTTY 2011
 - CQ WW RTTY 2012
 - CQ WW SSB 2010
 - CQ WW SSB 2011
 - CQ WW CW 2010
 - CQ WW CW 2011
 - Etc., etc. ...
 - You use a ridiculous number of groups for this where **ONE** and **only one** would do for **ALL** of the above.

DX4Win 8.05

Groups



- KØCF's basic rules for using groups...
 - The single Group Name "CQ WW Contest" is all that is needed for ALL of the contests (and more!) listed on the previous slide.
 - By filtering on the group plus a mode and a date range, this one name will do for the RTTY, SSB and CW weekends, and for multiple years.
 - Good database design principles allow you to minimize the number of groups and to simplify their names.

DX4Win 8.05

Groups



- KØCF's basic rules for using groups...
 - More than a few dozen groups become very difficult to manage.
 - KØCF currently uses only 20 groups to manage many thousands of contest QSOs for multiple years and modes in 18 different contests.

DX4Win 8.05



QSL Printing

DX4Win 8.05

QSL Printing



- Go to QSO window, click on QSLs | Print QSL Labels...

Print QSL labels

Printing 36 QSOs

Current label	Missing Labels	QSL method
Custom1	4	ALL

Print QSL Manager Labels
 Print Via Manager
 Print Method Labels
 Print Group Names

QSOs to countries without buro

Count	Alternate QSL method
0	Buro

Print

Edit MarkAll Close

DX4Win 8.05

QSL Printing



- You can click on the “Edit” button to modify the label setup:

The screenshot shows the "Label Editor" dialog box with the following settings:

Label name	Custom1	Units	Inch
Label width	2.625	Nr across	3
Label height	1.000	Nr down	10
Horz pitch	2.890	Paper size	Letter
Vert pitch	1.000		
Spacing left	0.000		
Spacing top	0.500		
Horz shift	0.050	Max QSOs	0
Vert shift	0.000		<input checked="" type="checkbox"/> Portrait
Callsign font	VAG Round	Options	<input checked="" type="checkbox"/> Commercial
Body font	Andale Mono		<input checked="" type="checkbox"/> Use lines
			<input type="checkbox"/> Call right aligned

Buttons: Copy, Preview, OK, Cancel

DX4Win 8.05

QSL Printing



- Notice the “Missing Labels” box, set to 4:

This allows you to print on a sheet of labels that has been used before.

Printing will start on the fifth label on the sheet in this instance.

A screenshot of the "Print QSL labels" dialog box in DX4Win 8.05. The dialog box has a title bar "Print QSL labels" and a main area with the following elements:

- A sub-header "Printing 36 QSOs".
- A table with three columns: "Current label", "Missing Labels", and "QSL method". The "Current label" is set to "Custom1", "Missing Labels" is set to "4", and "QSL method" is set to "ALL".
- Four checkboxes: "Print QSL Manager Labels" (unchecked), "Print Via Manager" (checked), "Print Method Labels" (unchecked), and "Print Group Names" (checked).
- A section titled "QSOs to countries without buro" containing a "Count" field set to "0" and an "Alternate QSL method" field set to "Buro".
- Buttons for "Print", "Edit", "Mark All", and "Close".

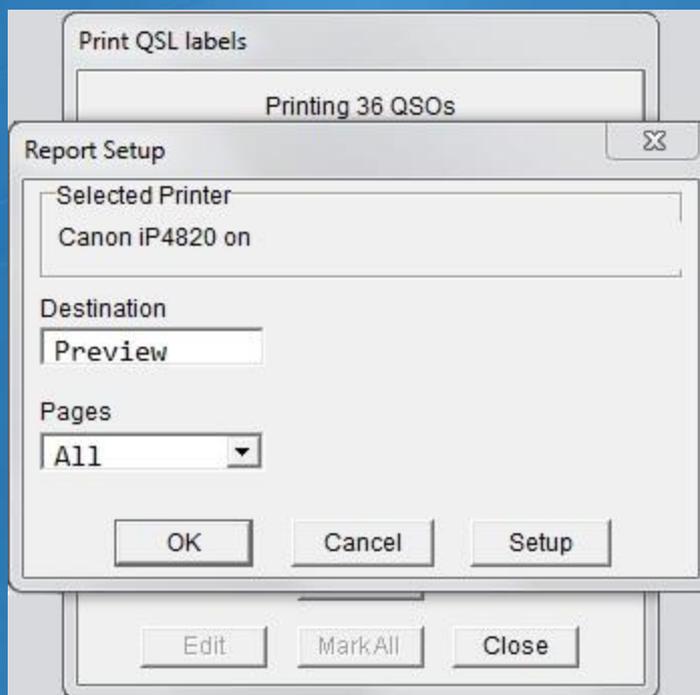
DX4Win 8.05

QSL Printing



- Click on the “Print” button to print or preview labels:

For a preview, choose Destination “Preview”, then “OK”



DX4Win 8.05

QSL Printing



File Page Zoom

Page 1 of 2 Zoom 100.0 %

DL2ARD	HB9BLQ																															
<table border="1"><thead><tr><th>Date</th><th>UTC</th><th>Band</th><th>RST</th><th>2X</th></tr></thead><tbody><tr><td>30-Oct-2010</td><td>19:58</td><td>20m</td><td>59</td><td>SSB</td></tr></tbody></table> <p>Tnx QSL 73 de K0CF CQ WW Contest Verified and printed by DX4WIN</p>	Date	UTC	Band	RST	2X	30-Oct-2010	19:58	20m	59	SSB	<table border="1"><thead><tr><th>Date</th><th>UTC</th><th>Band</th><th>RST</th><th>2X</th></tr></thead><tbody><tr><td>20-Feb-2010</td><td>06:11</td><td>80m</td><td>599</td><td>CW</td></tr></tbody></table> <p>Tnx QSL 73 de K0CF ARRL DX Contest Verified and printed by DX4WIN</p>	Date	UTC	Band	RST	2X	20-Feb-2010	06:11	80m	599	CW											
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- You can also print directly on a QSL card. I have defined the Custom3 label for this:

The screenshot shows the "Label Editor" dialog box with the following settings:

Label name	Custom3	Units	Inch
Label width	5.500	Nr across	1
Label height	3.500	Nr down	1
Horz pitch	5.500	Paper size	Custom
Vert pitch	3.500	Page width	3.500
Spacing left	0.000	Page height	5.500
Spacing top	0.000	Max QSOs	0
Horz shift	0.390	Portrait	<input type="checkbox"/>
Vert shift	2.270	Options	<input checked="" type="checkbox"/> Commercial
Callsign font	VAG Round		<input checked="" type="checkbox"/> Use lines
Body font	Andale Mono		<input type="checkbox"/> Call right aligned

Buttons: Copy, Preview, OK, Cancel

DX4Win 8.05

QSL Printing



Here is the
Print Preview
of direct-to-
card:

The screenshot shows the print preview window of DX4Win 8.05. The window title is "DX4Win 8.05". The menu bar includes "File", "Page", and "Zoom". The toolbar contains icons for file operations and navigation. The status bar shows "Page 2 of 34" and "Zoom 100.0 %". The main area displays a QSL card for station DK9TN. The card includes a table with two rows of contact data and a thank you message.

Date	UTC	Band	RST	2X
20-Feb-2005	17:03	15m	599	CW
20-Feb-2010	06:18	40m	599	CW

Tnx QSL 73 de K0CF
ARRL DX Contest
Verified and printed by DX4WIN

DX4Win 8.05

The End

Craig Fastenow

KØCF

Eastern Iowa DX Association

October 5, 2012

