

JTAlert 2.16.13 N4KIN [FT8,20m,DXK,Filter,#1]

Alerts	Settings	View	Sound ON	Help	2200	630	160	5	12	4
▲ W1ATV - CT	WV8DX - WV	KD2BS - NY	W9IX - IL	NY0MN - MN	W2WZ - NJ	K0HMZ - B4	NR0Q - MO	W6ZO - CA		
U.S.A.	U.S.A.	U.S.A.	U.S.A.	U.S.A.	U.S.A.	U.S.A. - ND	U.S.A.	U.S.A.		
W9II - B4	VE2GSO - QC	4A15DXXE	AD8FD - OH	N1FDX - MA	W7DRW - AZ	HB9BIN	K9RJO - B4	KE8MJS - OH		
U.S.A. - IL	Canada	Mexico	U.S.A.	U.S.A.	U.S.A.	Switzerland	U.S.A. - IL	U.S.A.		
K7CTV - AZ	N0DPR - MO	KZ6B - CA	K3TXT - MD	W2JAN - NY						
U.S.A.	U.S.A.	U.S.A.	U.S.A.	U.S.A.						

GETTING STARTED WITH...JT ALERT

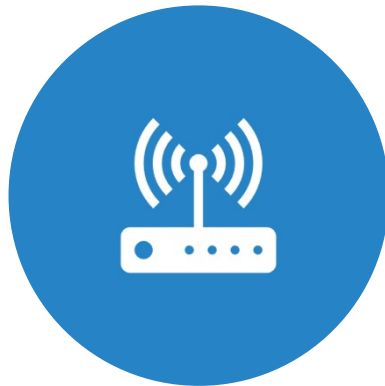
JACK KINNEY
N4KIN

SEPTEMBER 5, 2020

REVISION 1.0



JT ALERT IS...



"AUDIO AND VISUAL ALERTS FOR WSJT-X &
JTDX"

[HTTP://HAMAPPS.COM/](http://hamapps.com/)

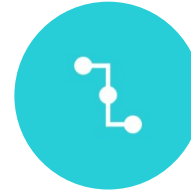


CREATED BY LAURIE COWCHER, VK3AMA
AUSTRALIA

WHAT YOU NEED TO GET STARTED...



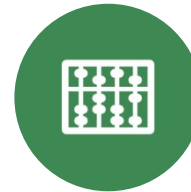
WINDOWS 7+



.NET 4.7.2



WSJT-X



JT ALERT

SOFTWARE VERSIONS USED IN DEMO



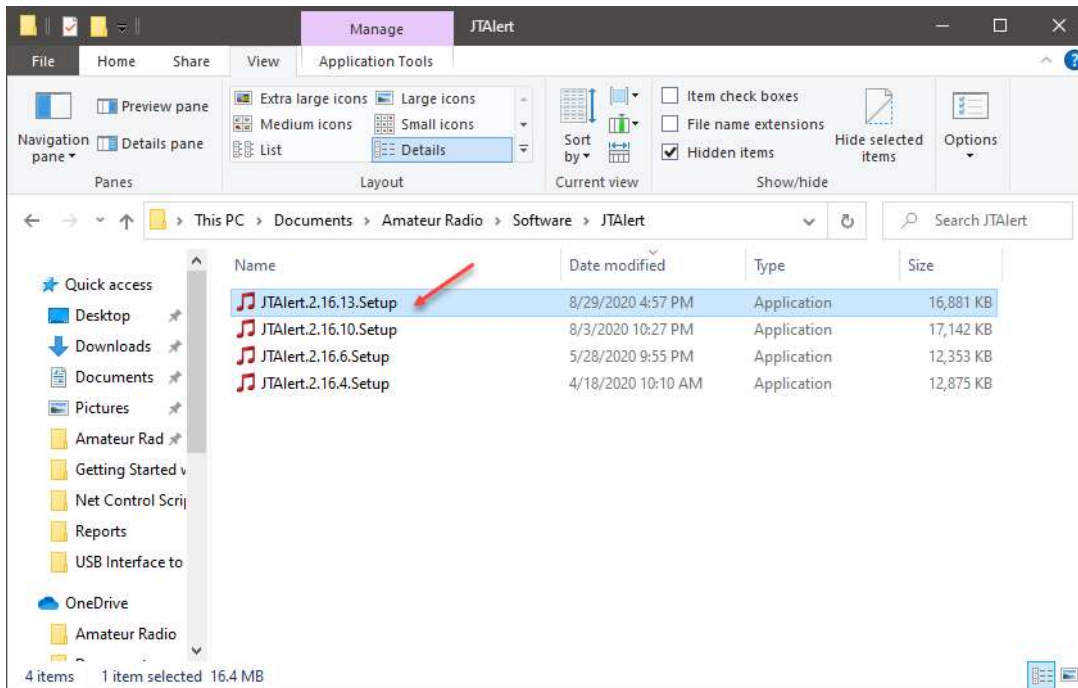
WSJT-X V2.2.2



JT ALERT V2.16.13

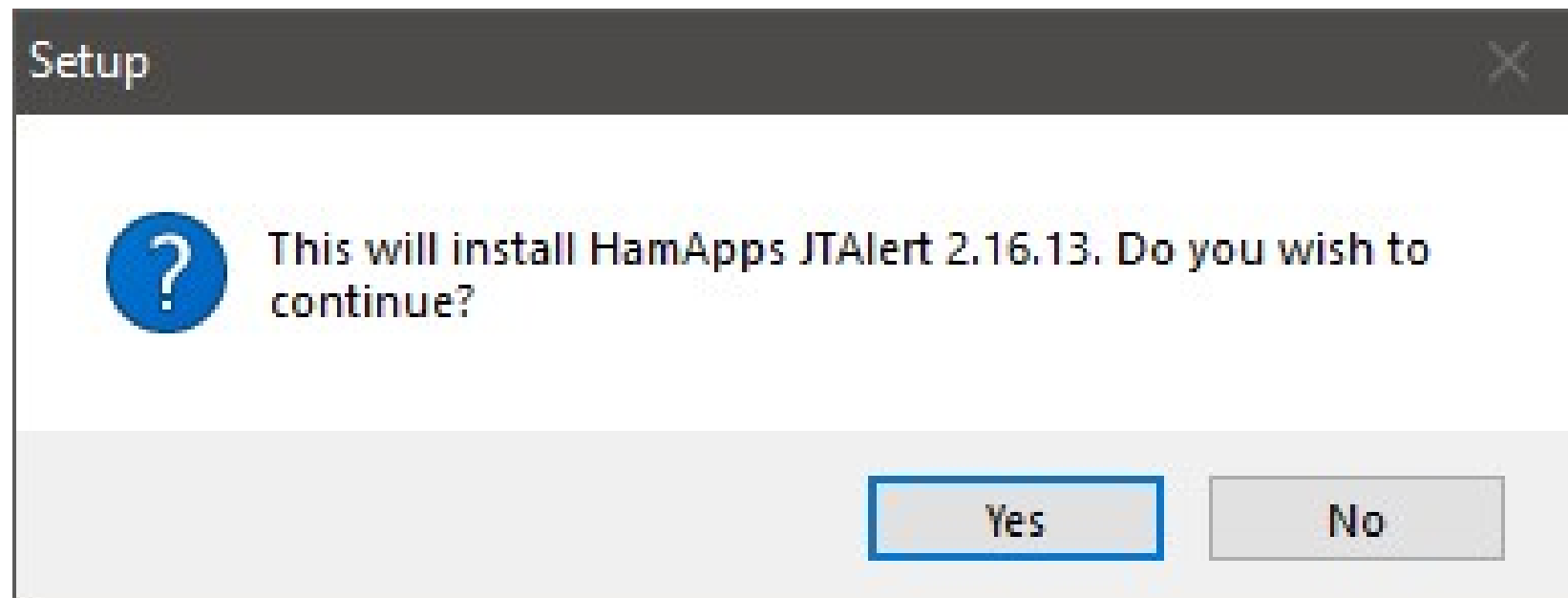
INSTALLATION

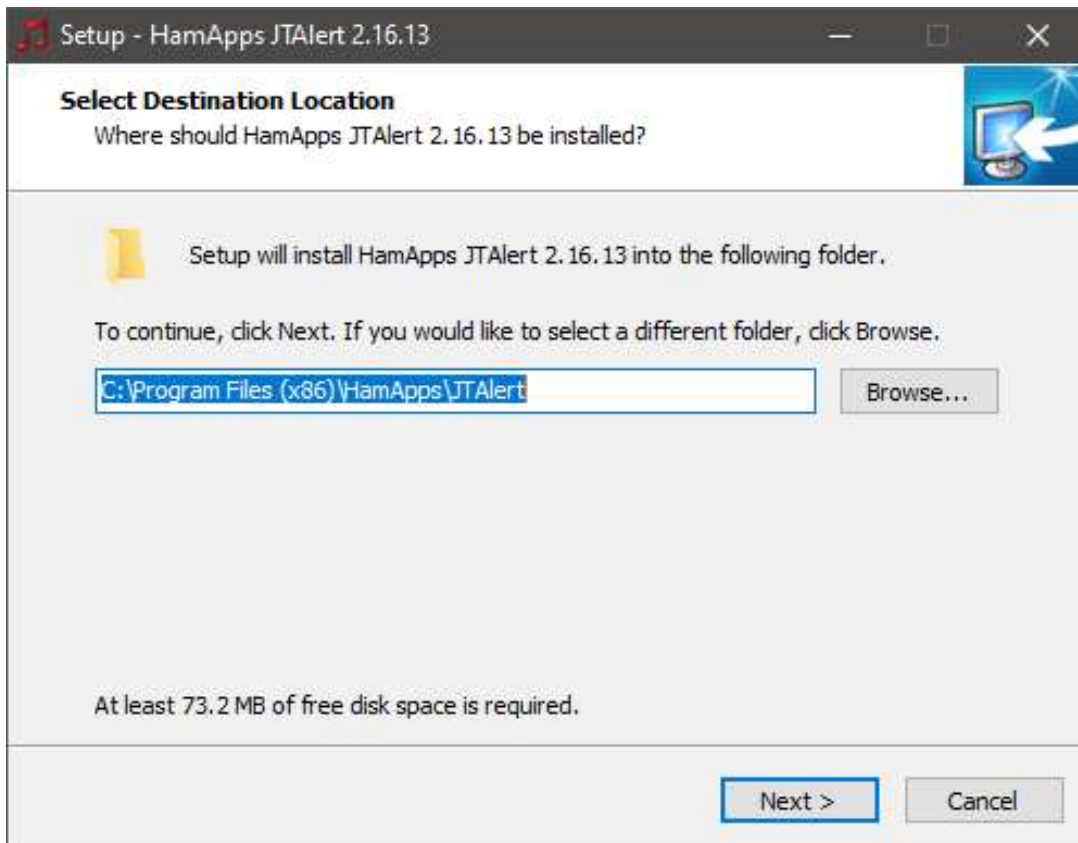




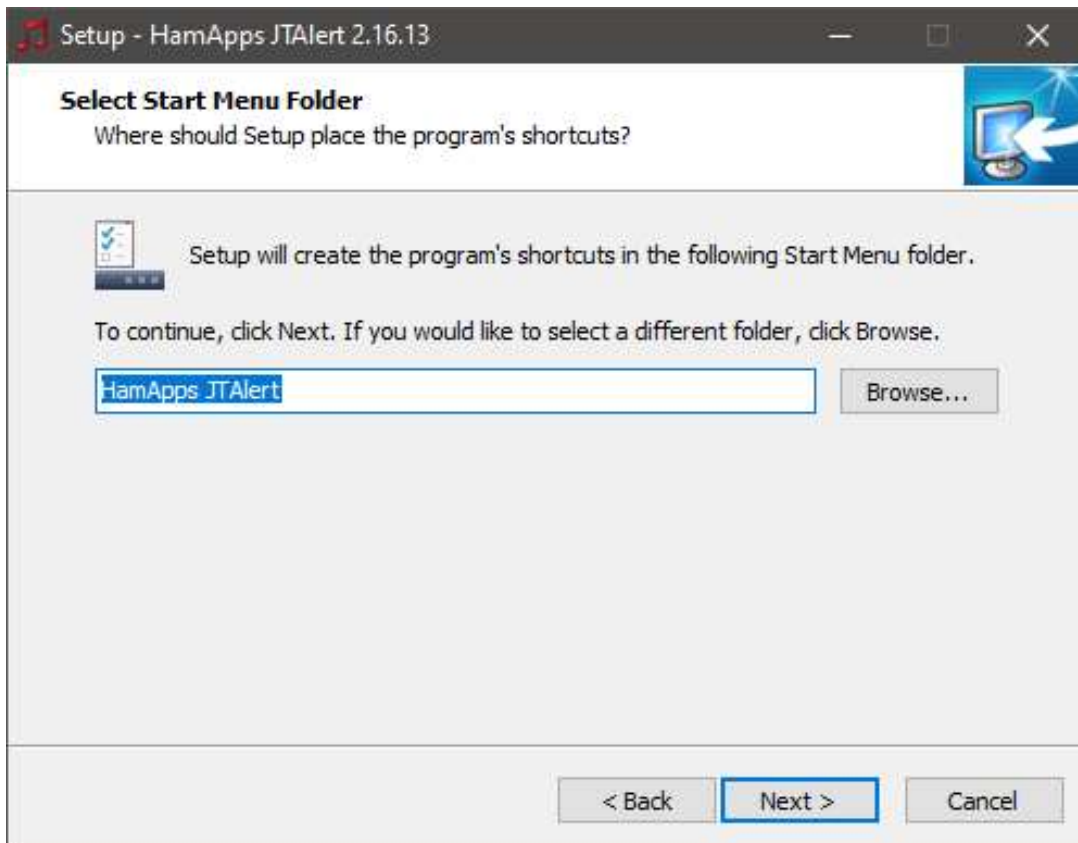
START THE INSTALLATION PROGRAM

JUST SAY YES

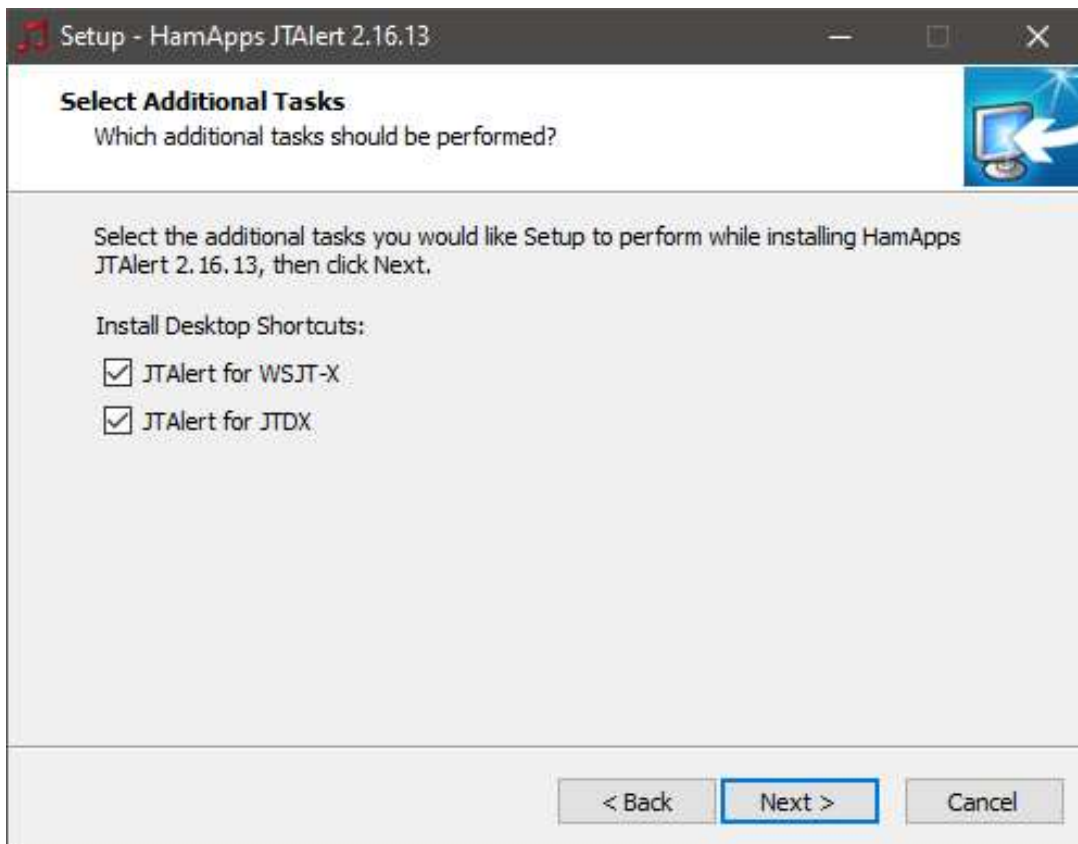




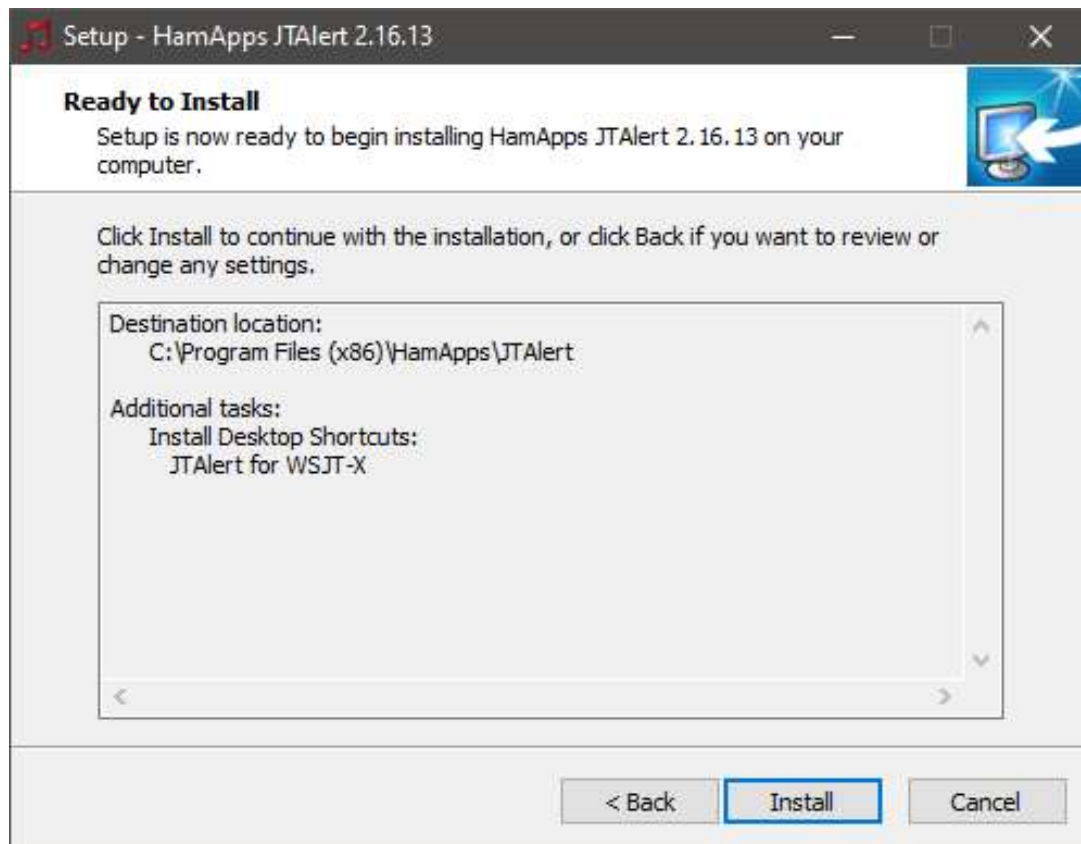
**ACCEPT OR
CHANGE
PROGRAM
DIRECTORY**



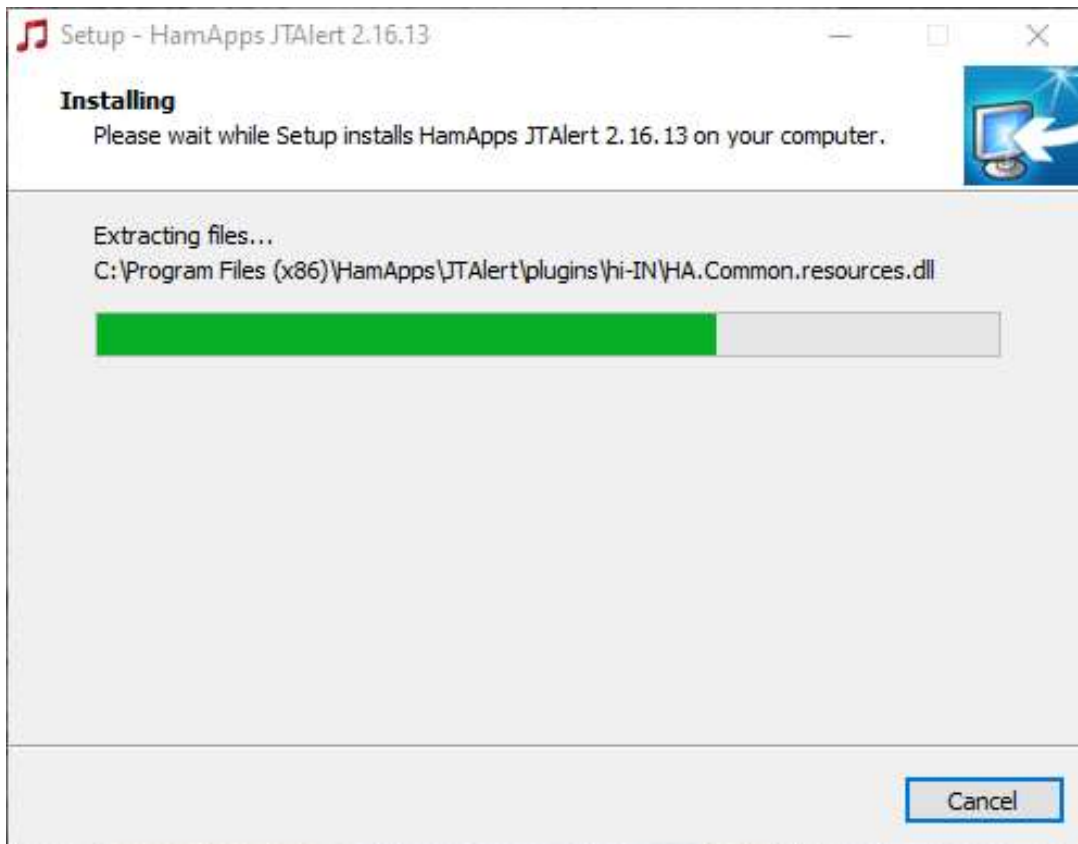
**ACCEPT OR
CHANGE
START MENU
FOLDER**



**ACCEPT OR
CHANGE
AS YOU SEE FIT**



FINAL REVIEW



**WATCH THE
GRASS GROW...**

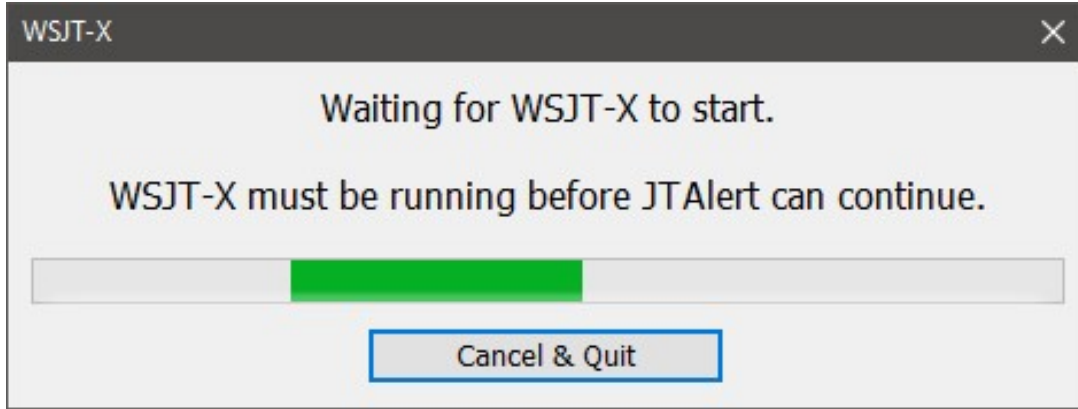


INSTALL COMPLETE!

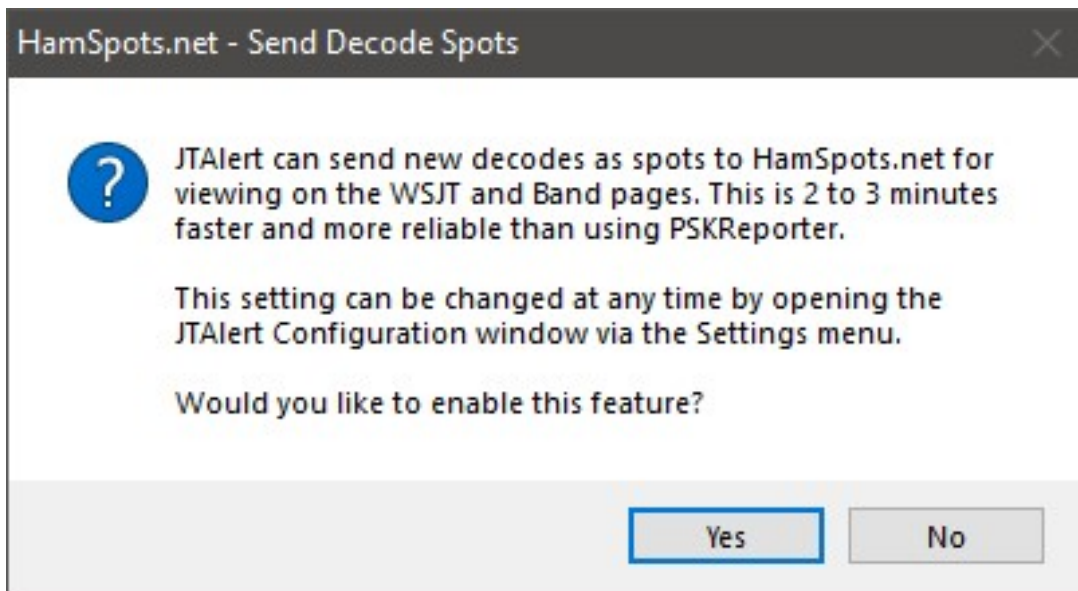
Startup



**DOUBLE-CLICK TO START
JTALERT**



**BY THE
WAY...WSJT-X
MUST BE
RUNNING. OTHER
WISE YOU GET
THIS ERROR**



**DECISION LEFT
TO YOU ON
FIRST TIME
STARTUP**

YOU SHOULD BE UP AND RUNNING!

UNLESS SOMETHING WENT HORRIBLY WRONG, JTALERT SHOULD AUTOMATICALLY RECEIVE DATA FROM WSJT-X.



2200 630 160		
HK3HLB	K7DOD - UT	W0WCA - CO
Colombia	U.S.A.	U.S.A.
AG9S - IN	W4IOP - SC	
U.S.A.	U.S.A.	



WHAT NOW?

WHAT ARE YOUR GOALS?

Log
Automation

Avoid
Duplicates

Chasing
DXCC

Awards

QSO Count

All of it?

HOW CAN JT ALERT HELP?



See Activity



Identify
Contacts



Filter The
Noise



Highlight
Needs



Automate
Logging

SEE ACTIVITY: WHICH IS EASIER TO READ?

WSJT-X v2.2.2 by K1JT, G4WJS, and K9AN

File Configurations View Mode Decode Save Tools Help

Band Activity

UTC	dB	DT	Freq	Message
031415	-1	1.6	2232	KA3ZLS KISBMX R-16
031415	-5	0.5	1234	N1GBE KISDF 73
031415	-7	0.3	769	KW6S AA9GE EN50
031415	4	0.1	2621	KE0PRX KB7PKC RR73
031415	-8	0.4	1068	CQ HA7TM JN97 Hungary
031415	-1	0.1	1000	N7SE KB9VK R-17
031415	-8	0.1	2892	CQ K9ZIB EN54 U.S.A.
031415	5	0.1	474	KI6BNL KOST EM12
031415	-9	0.1	1276	CQ WO2T FN20 U.S.A.
031415	2	1.0	314	CE2EC N6ALO DM04
031415	-16	0.6	826	CQ VO1VR GN37 Canada
031415	-12	0.0	2297	K6HGF KB7CDA RR73
031415	-8	0.1	1152	PJ2MAN KC2NFG FN20
031415	-6	0.1	242	CQ N1AAM FN42 U.S.A.
031415	-12	0.1	1652	K1KD K0BYJ FM19
031415	-24	0.3	1853	KM5RG ZS1AN 73
031415	-1	0.2	2055	KW6S W1OP 73
031415	-5	-0.0	1000	PJ2MAN KK4KVK FM19
031415	-7	0.1	1246	CQ W4ILNY FN42 U.S.A.
031415	-12	0.1	2718	CQ US6EX KN78 CQ Zone 16

Rx Frequency

UTC	dB	DT	Freq	Message
025930	12	1.9	1008	AA3K KG4WFI -03
030000	19	1.9	1008	AA3K KG4WFI -03
030030	8	1.9	1008	K2CAF KG4WFI RR73
030100	10	1.9	1008	CQ KG4WFI EM64 U.
030130	14	1.9	1008	CQ KG4WFI EM64 U.
030145	19	0.1	1008	KG4WFI KC4IG EM96
030200	15	1.9	1008	CQ KG4WFI EM64 U.
030215	13	0.1	1007	KG4WFI KC4IG EM96
030230	10	1.9	1008	KC4IG KG4WFI -11
030245	16	0.1	1008	KG4WFI KC4IG R-09
030300	6	2.0	1008	KC4IG KG4WFI -11
030315	7	0.1	1008	KG4WFI KC4IG R-11
030315	-3	-0.5	1009	KG4WFI K1DQZ FN31
030345	13	0.1	1008	KG4WFI KC4IG R+01
030400	17	1.9	1008	KC4IG KG4WFI RR73
030415	18	0.1	1008	KG4WFI KC4IG RR73
030430	-15	0.2	1014	CQ VE3CCD FN04 Ca
030500	-22	-0.4	1015	CQ VE3CCD FN04 Ca
030600	-7	0.1	1014	CQ VE3CCD FN04 Ca
030630	-14	0.1	1014	K1DQZ VE3CCD +04

Log QSO Stop Monitor Decode Enable Tx Halt Tx Tune Menus

40m 7.074 000

DX Call DX Grid

W0AQ FN65

Az: 32 1484 mi

Report 0

Lookup Add Auto Seq Call 1st

2020 Sep 05 03:14:28

Receiving FT8 FT8 Last Tx: W0AQ N4KIN 73 25



JTAlert 2.16.13 N4KIN [FT8,40m,DXK,Filter,#1]

Alerts Settings View Sound ON Help

2200 630		15 12 10 6 4						
AG4QD - B4	KO4BVB - GA	KABYGL - OH	N3JI - TX	KV4T - AL	KD8VYT - OH	KB7PKC - WA	HA7TM	NA5AA - TX
U.S.A. - GA	U.S.A.	U.S.A.	U.S.A.	U.S.A.	U.S.A.	U.S.A.	Hungary	U.S.A.
K5LDA - AL	N7PIB - CA	K3ADU - PA	KO5T - TX	US6EX	HP1CDW	WO2T - NJ	K3BTE - MD	WW8L - CO
U.S.A.	U.S.A.	U.S.A.	U.S.A.	Ukraine	Panama	U.S.A.	U.S.A.	U.S.A.
KF6YU - CO	W5HVS - TX	4L1MA	KA2CNN - RI	XE2GRM	VA7DLC - BC	KB7CDA - OR	KC2NFJ - NJ	K6RAH - TX
U.S.A.	U.S.A.	Georgia	U.S.A.	Mexico	Canada	U.S.A.	U.S.A.	U.S.A.
KG6PH - TX	E72X	KD2FMW - NJ	NX3T - PA					
U.S.A.	Bosnia	U.S.A.	U.S.A.					

No disrespect to Joe Taylor and his team! WSJT-X is designed to listen and decode, and it does a great job! JTAlert just makes it easier to read.

SEE ACTIVITY: SUMMARIZE ACTIVITY

- See summarized band activity by mode in a single window.
- Supports FT8, FT4, JT65 and JT9
- How: View -> Mode Activity Window OR Press F2

Callsigns TX/RX per Band															
Solar : SFI 70 : A 14 : K 3															
	tx	rx	tx	rx	tx	rx	tx	rx		tx	rx	tx	rx	tx	rx
2200m									17m					2	2
630m									15m					44	72
160m							49	71	12m					2	2
80m					1	1	179	245	10m					8	20
60m							27	100	6m					15	38
40m					128	124	694	837	4m						
30m							182	417	2m					35	15
20m					207	225	764	+1K	ALL					314	330
JT65	JT9	Last Update : Aug-29, 23:26:53 utc										FT4	FT8		

Decodes 2.16.13																											
File Layout Filter View																											
Src	CQ	DX Callsign	Date	Time	Mode	Band	Dxcc	Cont	St	Grid	Pfx	Z	M	W	L	E	Alerts	Country Name	State or Province	DB	DT	DF	QRG	km	SP	Exchange	
Default	*	N7BT - WA	202...	14:3...	FT8	20m	291	NA	W...	CN88	N7	3			Y	Y		United States	Washington	-20	+0.1	16...	14074	4112	315	CQ N7BT CN8	
Default		W8BO - OH	202...	14:3...	FT8	20m	291	NA	O...	EM79	W8	4			Y			United States	Ohio	-17	+0.1	737	14074	1288	351	VA6YB W8BO	
Default		VE2GSO - QC	202...	14:3...	FT8	20m	1	NA	QC	FN58	VE2				Y	Y	I	Canada	Quebec	-16	+0.1	718	14074	2563	24	PC4U VE2GSO	
Default		8P6ET	202...	14:3...	FT8	20m	62	NA		GK03	8P6	8			Y			Barbados		-16	+0.2	18...	14074	2946	118	WI4EE 8P6ET -	
Default		HC1TPV	202...	14:3...	FT8	20m	120	SA		FI09	HC1	10			Y			Ecuador		-16	+0.1	498	14074	3202	172	CO6XX HC1TP	
Default		KK4BZ - VA	202...	14:3...	FT8	20m	291	NA	VA	FM09	KK4	5			Y			United States	Virginia	-16	+0.2	21...	14074	1319	14	5Z4VJ KK4BZ I	
Default		AE0TB - IA	202...	14:3...	FT8	20m	291	NA	IA	EN32	AE0	4			Y			United States	Iowa	-17	+0.4	15...	14074	1850	333	KD2FYG AE0T	
Default	*	ND9G - IL	202...	14:3...	FT8	20m	291	NA	IL	EN52	ND9	4			Y	Y		United States	Illinois	-14	+0.2	342	14074	1700	342	CQ ND9G EN5	
Default	KQP	K0U	202...	14:3...	FT8	20m	291	NA		EM29	K0	5						United States		-15	+0.1	13...	14074	1697	322	CQ KQP K0U I	
Default		W1AVK - CT	202...	14:3...	FT8	20m	291	NA	CT	FN31	W1	5			Y	Y		United States	Connecticut	-14	0.0	10...	14074	1739	28	N7EP W1AVK	
Default		K8IS - WV	202...	14:3...	FT8	20m	291	NA	W...	EM99	K8	5						United States	West Virginia	-13	+0.3	11...	14074	1282	7	K7ACT K8IS E	
Default		N2IEC - NJ	202...	14:3...	FT8	20m	291	NA	NJ	FM29	N2	5			Y	Y		United States	New Jersey	-10	+0.8	639	14074	1460	27	5Z4VJ N2IEC F	
Default		VE3EB - ON	202...	14:3...	FT8	20m	1	NA	O...	FN04	VE3	4			Y			Canada	Ontario	-14	+0.1	566	14074	1859	9	6E6E VE3EB F	
Default	*	K9RJO - B4	202...	14:3...	FT8	20m	291	NA	IL	EN52	K9	4			Y	Y		United States	Illinois	-12	+0.1	12...	14074	1700	342	CQ K9RJO EN	
Default	*	KC1BUF - NH	202...	14:3...	FT8	20m	291	NA	N...	FN43	KC1	5			Y	Y		United States	New Hampshire	+04	-0.2	18...	14074	2015	28	CQ KC1BUF FI	
Default		VE2IAT - QC	202...	14:3...	FT8	20m	1	NA	QC	FN46	VE2						I	Canada	Quebec	+07	-0.3	22...	14074	2294	24	KE0NNE VE2IA	
Default		W1ZS - VT	202...	14:3...	FT8	20m	291	NA	VT	FN32	W1	5			Y	Y		United States	Vermont	-05	-0.2	791	14074	1832	26	NP4JN W1ZS I	
Default		VE3KFS - ON	202...	14:3...	FT8	20m	1	NA	O...	FN14	VE3	4			Y	Y		Canada	Ontario	-04	+0.6	916	14074	1899	14	HI3JCC VE3KF	
Default	*	NY0MN - MN	202...	14:3...	FT8	20m	291	NA	M...	EN16	NY0	4			Y			United States	Minnesota	-07	0.0	24...	14074	2396	333	CQ NY0MN EI	

DECODES WINDOW SHOWS EXPANDED DECODE DATA IN A NICE TABLE FORM

IDENTIFY CONTACTS

- Wanted Callsigns
- Wanted Prefix
- Wanted CQ Marathon
- Wanted US State
- Wanted VE Province
- Wanted DXCC
- Wanted Continent
- Wanted CQ Zone
- Wanted Grid
- Uses LoTW / eQSL

The screenshot shows the JTAlert software interface with a list of call signs and their locations. Annotations highlight specific features and user actions:

- Online for Text Messages:** Points to the **W1ATV - CT** call sign.
- Nothing Needed:** Points to the **W9IIX - IL** call sign.
- Wanted Callsign:** Points to the **NR0Q - MO** call sign.
- LoTW User:** Points to the **K7CTV - AZ** call sign.
- Oh Canada!:** Points to the **VE2GSO - QC** call sign.
- Calling CQ:** Points to the **NY0MN - MN** call sign.
- Wanted DXCC:** Points to the **HB9BIN** call sign.
- Worked Before:** Points to the **K9RJO - B4** call sign.

Call Sign	Location
W1ATV - CT	U.S.A.
WV8DX - WV	U.S.A.
KD2BS - NY	U.S.A.
W9IIX - IL	U.S.A.
NY0MN - MN	U.S.A.
W2WZ - NJ	U.S.A.
K0HMZ - B4	U.S.A. - ND
NR0Q - MO	U.S.A.
W6ZO - CA	U.S.A.
W9II - B4	U.S.A. - IL
VE2GSO - QC	Canada
4A15DXXE	Mexico
AD8FD - OH	U.S.A.
N1FDX - MA	U.S.A.
W7DRW - AZ	U.S.A.
HB9BIN	Switzerland
K9RJO - B4	U.S.A. - IL
KE8MJS - OH	U.S.A.
K7CTV - AZ	U.S.A.
N0DPR - MO	U.S.A.
KZ6B - CA	U.S.A.
K3TXT - MD	U.S.A.
W2JAN - NY	U.S.A.

i K9RJO [1204 Hz, 00 dB, FT8]

Worked B4 : 2020-MAY-23

US State : IL

Country : United States

Continent : NA

CQ Zone : 4

Distance : 1,700 km

Bearing : 342

ONLINE for Text Messages

LoTW : Yes (2020-08-23)

eQSL(AG) : Yes

Decode : N3CLZ K9RJO -19

**SEE ADDITIONAL
DATA ON A CALLSIGN
BY HOVER OVER IT
WITH YOUR MOUSE**

FILTER THE NOISE



Identify Contacts Worked **B4**



Ignore Contacts You Don't **NEED**



Ignore Contacts You Don't **WANT**

FILTER THE NOISE

IDENTIFY CONTACTS
WORKED **B4**

- Avoid Dupes
- Hide worked **B4** contacts

QSO History

W4PPC : FT8 QSOs - 2 on 2 bands
LoTW: Yes (2020) - eQSL(AG): Yes

160m		17m	
80m		15m	
60m		12m	
40m	Confirmed	10m	
30m	New Band	6m	
20m	Confirmed	4m	
		2m	

(Last QSO : 20m FT8, 2020-JUN-14)

JTAlert 2.16.13 N4KIN [FT8,20m,DXK,Filter,#1]

Alerts Settings View Sound ON Help

W1ATV - CT U.S.A.	WV8DX - WV U.S.A.	KD2BS - NY U.S.A.	W9IIX - IL U.S.A.	NY0MN - MN U.S.A.	W2WZ - NJ U.S.A.	K0HMZ - B4 U.S.A. - ND	NR0Q - MO U.S.A.	W6ZO - CA U.S.A.
W9II - B4 U.S.A. - IL	VE2GSO - QC Canada	4A15DXXE Mexico	AD8FD - OH U.S.A.	N1FDX - MA U.S.A.	W7DRW - AZ U.S.A.	HB9BIN Switzerland	K9RJO - B4 U.S.A. - IL	KE8MJS - OH U.S.A.
K7CTV - AZ U.S.A.	N0DPR - MO	KZ6B - CA U.S.A.	K3TXT - MD U.S.A.	W2JAN - NY U.S.A.				

Worked B4

Worked B4

Worked B4

FILTER THE NOISE IGNORE CONTACTS YOU DON'T **NEED**

- Already have Georgia, Georgia on my 20M mind.
- Maderia Islands? Got it on 17M!
- Worked W4PPC on 20M/40M.

Check All **Band 12m** UnCheck All

☒ AK ☐ AL ☐ AR ☒ AZ ☒ CA ☒ CO ☐ CT ☒ DE ☐ FL ☒ GA
☒ HI ☐ IA ☐ ID ☐ IL ☐ IN ☐ KS ☐ KY ☒ LA ☒ MA ☐ MD
☒ ME ☐ MI ☐ MN ☐ MO ☐ MS ☒ MT ☐ NC ☒ ND ☐ NE ☒ NH
☒ NJ ☒ NM ☒ NV ☐ NY ☐ OH ☐ OK ☒ OR ☐ PA ☒ RI ☒ SC
☒ SD ☐ TN ☐ TX ☒ UT ☐ VA ☒ VT ☒ WA ☐ WI ☒ WV ☒ WY

Click the checkbox for each wanted State.
25 of 50 States wanted

FT8

Checkbox Display Order
☒ By State Code ☐ By State Name

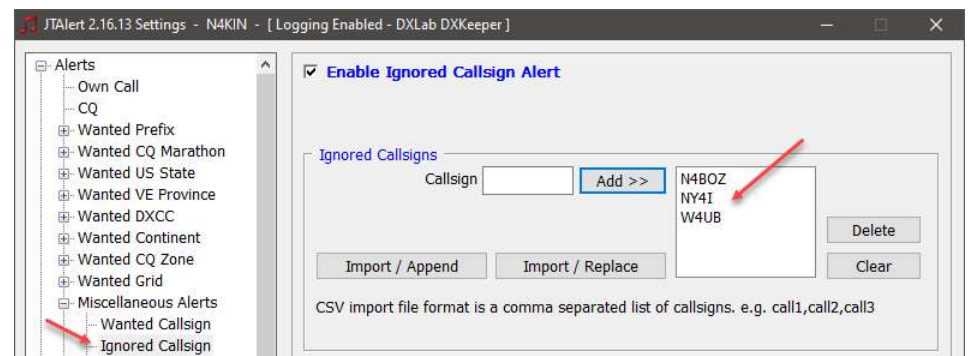
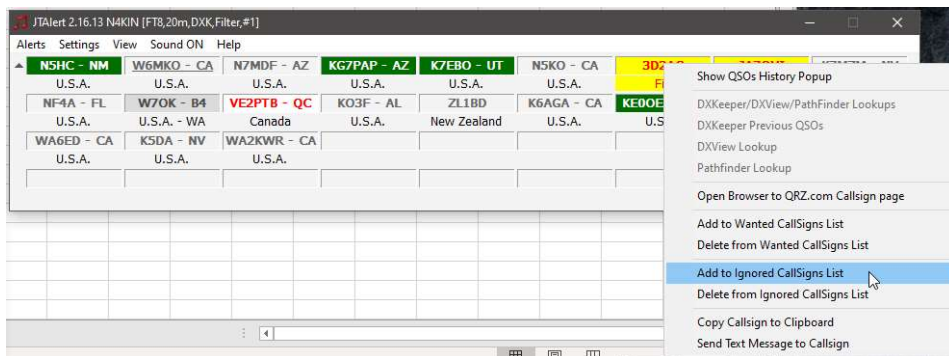
Tracking
By Individual Band By Individual Mode (JT9, JT65, FT8, FT4)

Band Enable and Select
160 80 60 40 30 20 17 15 12 10 6 4 2
☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒ ☒

QSO History			
W4PPC : FT8 QSOs - 2 on 2 bands			
LoTW: Yes (2020) - eQSL(AG): Yes			
160m		17m	
80m		15m	
60m		12m	
40m	Confirmed	10m	
30m	New Band	6m	
20m	Confirmed	4m	
		2m	
(Last QSO : 20m FT8, 2020-JUN-14)			

FILTER THE NOISE - IGNORE CONTACTS YOU DON'T WANT

MANUALLY ADD CONTACTS YOU DON'T WANT TO SEE



HIGHLIGHT NEEDS

If you like chasing Awards or just keeping your own log of success, JTAlert can identify contacts you need and alert you with colors or sounds

The screenshot shows the JTAlert 2.16.13 N4KIN [FT8,40m,DXK,Filter,#1] window. The interface includes a menu bar (Alerts, Settings, View, Sound ON, Help) and a status bar (2200 630, 15 12 10 6 4 2). The main display is a table of contacts, each with a call sign, a color-coded highlight, and a location. Callout boxes point to specific highlights:

Call Sign	Location	Highlight
KG4WFI - AL	U.S.A.	Green
VE4YH - B4	Canada - MB	Grey
KO5T - TX	U.S.A.	White
HA7TM	Hungary	Green
OA4DOS	Peru	Yellow
KG5EIU - TX	U.S.A.	White
KC3DA - PA	U.S.A.	White
K1VK - MA	U.S.A.	Pink
K3BTE - MD	U.S.A.	White
W6LUX - CA	U.S.A.	Green
XE2GRM	Mexico	Cyan
UR6QX	Ukraine	Cyan
W9SN - TN	U.S.A.	White
AC2BI - PA	U.S.A.	White
AC2SB - NY	U.S.A.	White
W2HYW - PA	U.S.A.	White
YV4BCD	Venezuela	Green
VA7DLC - BC	Canada	Red
WW8L - CO	U.S.A.	White
KD8VYT - OH	U.S.A.	White
KC2NFJ - NJ	U.S.A.	White
KD0VJS	U.S.A.	White
TN	U.S.A.	White
K5VPQ - TX	U.S.A.	White
4L1MA	Georgia	Yellow
KP4B	Puerto Rico	Green

Callout boxes:

- Wanted Grid (points to XE2GRM)
- Wanted DXCC (points to OA4DOS)
- Wanted Callsign (points to K1VK - MA)

Quick Enable / Disable Audio and Visual Alerts

ON <input checked="" type="checkbox"/> Own Call	ON <input checked="" type="checkbox"/> CQ
ON <input checked="" type="checkbox"/> Wanted Call	OFF <input type="checkbox"/> Wanted Prefix
ON <input checked="" type="checkbox"/> Wanted US State	OFF <input type="checkbox"/> Wanted Grid
ON <input checked="" type="checkbox"/> Wanted VE Province	ON <input checked="" type="checkbox"/> Wanted Continent
ON <input checked="" type="checkbox"/> Wanted DXCC	OFF <input type="checkbox"/> Wanted CQ Marathon
ON <input checked="" type="checkbox"/> Wanted CQ Zones	OFF <input type="checkbox"/> User Defined Alert
OFF <input type="checkbox"/> Decode Keyword	

per 15.6.6 - N4KIN.mdb (filtered): 8 QSOs [QSL queue: 1 QSL]

Log QSOs QSL Check Progress

United Nations HQ (2:00)

4U1UN name United QTH New York City, NY

FT8 via tx freq 14.076626 begin 7/7/2020 00:42

+08 rcvd -20 tx band 20M rx freq 14.076626 end 7/7/2020 00:44

100 code 289 DXCC 4U1U entity United Nations HQ

op call N4KIN owner call N4KIN temp

rx band 20M select Club unique 2114

date sent sent via IOTA vfy WAS vfy WPX vfy

date rcvd rcvd via VUCC vfy WAZ vfy

QQRS Cred QSL# addr United Nations Amateur Radio Club
United Nations Headquarters
New York City, 10017
UNITED NATIONS

IOTA cont NA WPX 4U1 CQ 5 ITU 8

pri sub ? NY sec sub ?

Country Risk grid 1 FN30ar 2 3 4

Edit Undo CBA Delete Report Plot

Call	DXCC	Starting UTC	Band	Mode
4A2MAX	XE - Mexico	8/20/2020 01:35	20M	FT4
4L1MA	4L - Georgia	7/24/2020 02:30	30M	FT8
4O3A	4O - Montenegro	7/22/2020 00:51	20M	FT8
4U1UN	4U1U - United Nations HQ	7/7/2020 00:42	20M	FT8
4Z5IW	4X - Israel	5/29/2020 21:55	17M	FT8
4Z5ML	4X - Israel	5/21/2020 03:48	30M	FT8
4A600	XE - Mexico	4/18/2020 15:16	20M	FT8
4O7PL	4O - Montenegro	4/5/2020 19:45	20M	FT8

AUTOMATE LOGGING

JTAlert Supports sending QSOs from WSJT-X to:

- DX Keeper
- Ham Radio Deluxe
- Log4OM
- ACLog
- ADIF File
- UDP of Last QSO

AUTOMATE LOGGING DEMO WITH DX KEEPER

- Make an FT8 contact
- Watch JT Alert send the QSO to
 - DX Keeper
 - LoTW
 - QRZ

per 15.6.6 - N4KIN.mdb (filtered): 8 QSOs [QSL queue: 1 QSL]

Log QSOs QSL Check Progress

United Nations HQ (2:00)

4U1UN name United QTH New York City, NY

FT8 via tx freq 14.076626 begin 7/7/2020 00:42

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100 code 289 DXCC 4U1U entity United Nations HQ

N4KIN op call N4KIN owner call N4KIN temp

rx band 20M select Club unique 2114

CFM date sent sent via IOTA vfy WAS vfy WPX vfy

VFY date rcvd rcvd via VUCC vfy WAZ vfy

QQRS Cred QSL# United Nations Amateur Radio Club
United Nations Headquarters
New York City, 10017
UNITED NATIONS

Home

IOTA cont NA WPX 4U1 CQ 5 ITU 8

pri sub ? NY sec sub ?

risk Country Risk grid 1 FN30ar 2 3 4

Edit Undo CBA Delete Report Plot

Call	DXCC	Starting UTC	Band	Mode
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4O7PL	4O - Montenegro	4/5/2020 19:45	20M	FT8

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

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

LotW
eQSL AG
LotW & eQSL
X - expired

A pair of black-rimmed glasses with round lenses is resting on an open book. A red ribbon bookmark is visible on the left side of the book. The background is blurred, showing more of the book and a wooden surface.

THANK YOU...

**...TO RON APPEL, W4RFA FOR REVIEWING THE
PRESENTATION!**



Any Questions?



RESOURCES

Presentation available at:

<https://uparc.org/club-presentations/>

Amateur Radio software available at:

<https://uparc.org/amateur-radio-links/>

Microsoft .NET Framework available at:

<https://dotnet.microsoft.com/download/dotnet-framework/net472>