

Quick start-up manual – KJTlog by OK2UWQ

KJTlog is a VHF contest log with many features, originally developed for internal use of OK2KJT. Now it is freely available.

Key features

- Multi-band
- Multi-computer on local network
- Multi-operator
- CW TX (via LPT, COM, Winkey)
- SSB CQ
- Audio recording
- Rotator control
- Incorporated KST chat and DX cluster
- CAT support between log and TCVR (sharing operating frequency)
- Runs on Windows 98, 2000, XP, Vista and 7 (also on Linux under Wine).

The screenshot displays the KJTlog software interface. At the top, the title bar reads 'KJTlog: 2.Subregionál/5.5.2012/OK2C-JN99AJ'. Below the title bar, there are status indicators: 'LOG Mode: CW Speed CW: 70 Delay: 0 Beep: OFF Rotator: OFF TX CW mode: 599'. The main window shows a frequency of '2m/144 MHz' and a band of '2m'. The central part of the interface is a large table with columns: TIME, CALL, Band, RST, NrTx, RST, NrRx, LOC, QRB, Points, QTF, Operator, Note, and Modified. The table contains several rows of log entries, with the most recent entry at the bottom: '13:59:56 9A3INA 2m 59 474 59 001 JN85IW 398 398 195 OK2MBP opravil OK2MBf 6.5.2012 14:'. To the right of the main table is a smaller table with columns: CALL, LOC, QRB, QTF, containing a list of call signs and their corresponding scores. At the bottom of the interface, there is a status bar with information: 'FS-IP: jtmr7-h1/10.249.105.6 Cw:LPT1 KJTlog ver. 3.0.0.357 online: jtmr7-h1 - 10.249.105.6:12445'.

1. History

Pavel OK2PMU started developing VHF contest log in 1996 as PMUlog. It worked under DOS. 10 years later, Robin OK2UWQ decided to take principles, best practices and ergonomics. He completely re-wrote the log into Windows and developed many new features. Also new name was established: KJTlog.

2. Technical info

Minimum requirements: CPU 1 GHz, memory 512 MB, HDD 20 MB

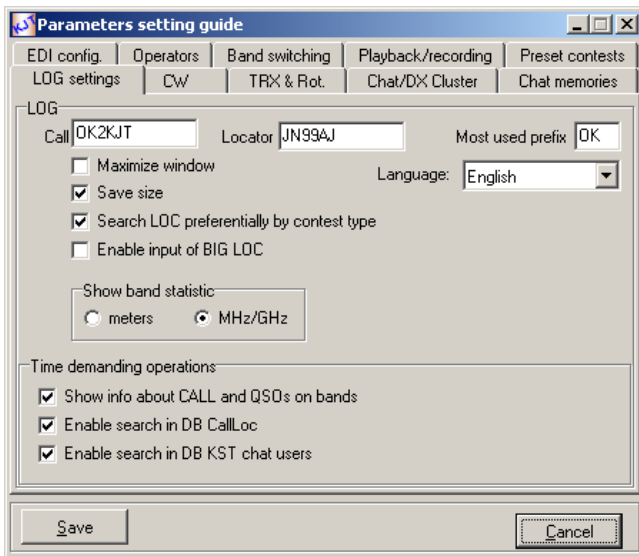
The log is based on FSSQL database and includes server and client for synchronizing QSOs across the network. All QSOs are transferred and saved on all connected computers and thus the data security is very high.

3. Installation

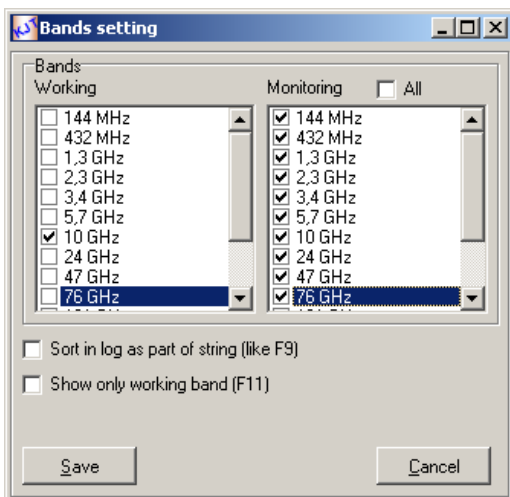
The program does not need any installation. Just unzip files into any directory and run KJTlog.exe. If you want a desktop shortcut, you have to place it manually.

4. Initial setup

Settings can be found in the LOG | Settings | Parameters:



Also set up bands: LOG | Settings | Bands setting:

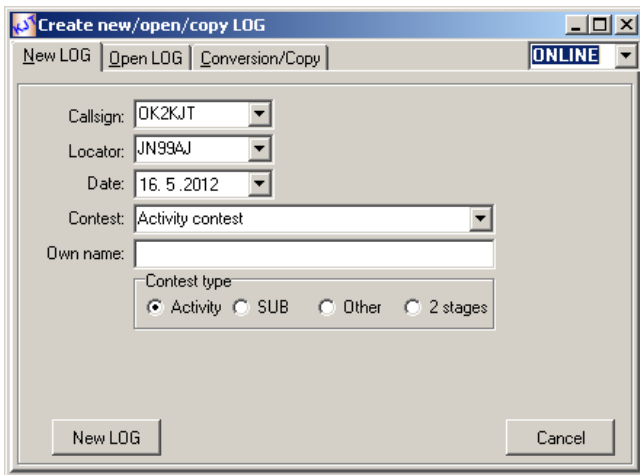


Working: you can save QSO on selected bands only (prevents mistakes)

Monitoring: which bands will be shown in the log when this is selected by **F11**.

5. Starting new log

LOG | New/open



Call sign, Locator and Contest can be either chosen from pull-down menu or manually overwritten. List of those can be preset in the setting for easy selection.

Date is the starting date of the contest.

Contest type:

Activity: Czech activity contest rules: points from QSO are taken from locators + multipliers

SUB: major IARU contests, 1 km = 1 point

2 stages: allows to split the contest into independent period and allow to work station again (some local contests have 2 periods)

ONLINE / OFFLINE – mode for entering QSO. Online keeps running time. Offline allows to enter QSO after the contest and easily handle time.

6. Log screen

Actual band: 2m/144 MHz

Actual operator: OK2PIN

Current contest log

TIME	CALL	Band	RST	NrTx	RST	NrRx	LOC	QRB	Points	QTF	Operator	Note	Modified
13:15:29	9A2SB	13cm	599	024	599	019	JN95GM	433	433	174	OK2AIA		
13:30:16	S50C	6cm	599	013	599	018	JN76JG	424	424	216	OK2ULO		
13:34:54	DF0ML	13cm	519	025	519	036	JO32PC	814	814	295	OK2AIA	opravit OK2UWQ	9.5.2012 6:31:1
13:39:42	DL7AU	2m	599	468	599	227	JO30SN	762	762	283	OK2MBP		
13:41:06	SP6GWB	6cm	599	014	599	017	JO80JG	133	133	317	OK2ULO		
13:42:40	IK3VZO	70cm	59	286	59	006	JN55XA	669	669	225	OK2AIA		
13:45:49	9A2LX	70cm	59	287	59	039	JN95LM	437	437	17	OK2AIA		
13:48:59	DM2BR	2m	55	469	55	124	JO51WN	499	499	30	OK2MBP		
13:51:12	OK2M	6cm	599	015	599	008	JN69UN	314	314	275	OK2ULO		
13:55:29	OK1CD	2m	55	470	59	026	JO70FC	270	270	288	OK2MBP		
13:56:23	9A4M	2m	59	471	59	013	JN85EI	467	467	196	OK2MBP		
13:58:37	OE3LI	6cm	599	016	599	002	JN88EC	189	189	221	OK2ULO		
13:58:46	OE5D	23cm	599	070	599	052	JN68PC	377	377	249	OK2AIA		
13:59:00	9A9Y	2m	59	473	59	001	JN85IW	398	398	195	OK2MBP	opravit OK2MBP	6.5.2012 14:
13:59:06	OK3JW	2m	59	472	59	298	JN99AJ	1	1	500	OK2MBP		
13:59:31	OE3LI	3cm	599	054	599	004	JN88EC	189	189	221	OK2PIN	opravit OK2PIN	6.5.2012 14:01
13:59:33	DK5EZ	70cm	599	288	599	069	JO31MG	808	808	289	OK2ULO	opravit OK2ULO	6.5.2012 14:02
13:59:56	9A3INA	2m	59	474	59	001	JN85IW	398	398	195	OK2MBP	opravit OK2MBP	6.5.2012 14:

Call-Locator database

CALL	LOC	QRB	QTF
3Z0G7B	KN09YQ	273	81
3Z1RDR	JO80JG	125	32
3Z2			5
3Z2			348
4N0B	JN93RU	626	169
4N0B	KN04BP	552	162
4N0W	KN05AB	505	161
4N0W	KN05AD	497	161
4N1A	JN94SD	595	168
4N1A	KN04DG	595	162
4N1A	KN04EJ	584	161
4N1B	KN05CD	501	160
4N1GZ	KN02XX	775	155
4N1LG	KN04FR	551	159
4N1N	KN03QJ	736	154
4N1NB	KN04FT	542	155
4N1PC	KN04CB	616	163

Contest statistics

BAND	QSO	POINTS	OPX/km
1,4M	474	166003	IW1AJJ/1,973
432M	288	107199	PI4TUE,919
1,3C	70	19793	DJ9HW,736
2,3C	25	9350	DF0MU,814
3,4C	12	2746	S57C,424
5,7C	16	3062	S50C,424
10C	54	14013	DF0MU,814
24C	2	81	OH3KII,65
47C	3	131	OK2OI,99
70C	1	16	OK2IMH,16

Working QSO

Time: 6:48:28 Call: RST: 599 CW: 475 RST: NrTx: LOC: QRB: Points: QTF:

Input field

Chat window

QSO's: 945

IP: jtm7-j1/10.249.105.6 Cw:LPT1 KJTlog ver. 3.0.0.357 online: jtm7-j1 - 10.249.105.6:12445

7. Enter QSO

Make sure you are on the right band. If more bands are set as working, change band by **F12**.

Changing mode SSB/CW is done by **Alt+M**.

All entries are typed into intelligent Input field (it gets active by pressing Esc). Log recognizes entry and distributes it into appropriate field.

Call sign – simply enter call sign and hit Enter

Did you do mistake? Just enter call sign again.

Want to add/remove “/P”? Just enter **Space+Enter**.

Locator – automatically filled in if available. Priorities of the locator source: KSTchat (if connected), other band from current log, database. If you want to change it, just enter another.

Previous locator is kept for simple mistake correction. Swap them by **Ctrl+X**.

Shorten locator entry is supported: “60RN” -> “JO60RN”, “89AK” -> “JN89AK”. First 2 letters are automatically added for the shortest QRB.

Received RST+NR

Both RST+NR are entered together. It allows to use shorten forms.

Shorten forms:

CW		
Entry	Result	
599001	599	001
1	599	001
25	599	025
559117	559	117
59S033	59S	033
55A254	55A	254

SSB		
Entry	Result	
59001	59	001
1	59	001
25	59	025
55117	55	117

If only QSO number is entered, 59 respectively 599 is automatically added.

Sent RS/RST

Space + RS/RST

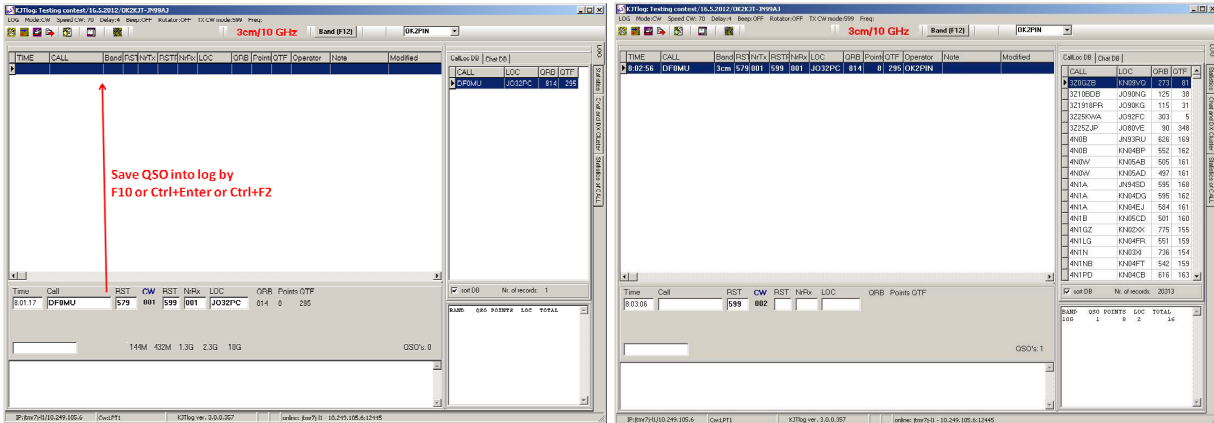
Shorten forms:

CW	
Entry	Result
Space+579	579
Space+5	559
Space+7	579
Space+55S	55S
Space+55A	55A

SSB	
Entry	Result
Space+57	57
Space+7	57
Space+5	55

Save QSO

Only completed QSO (all fields) can be saved by **F10** or **Ctrl+Enter** or **Ctrl+F2**.

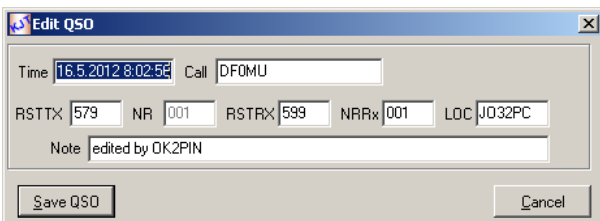


Clear all fields

After save or when QSO is not completed, all fields can be cleared by **Alt+C**.

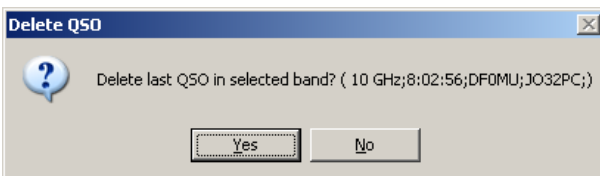
8. Edit QSO

QSO can be edited on active band only by **Insert** key. For example, if you want to edit QSO on 3cm, this band **MUST** be selected (use F12 to switch band).



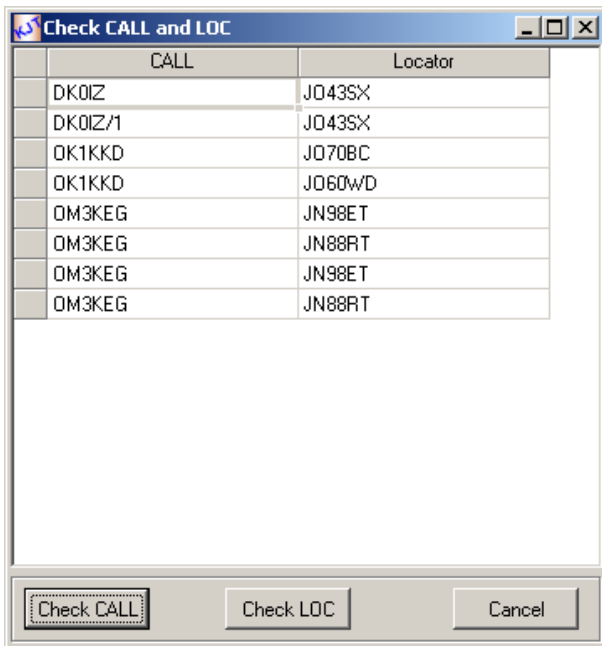
9. Delete QSO

Only last QSO on active band can be deleted by **Alt+Y**.



10. Post contest processing

LOG | Cross check Call&Loc function allows to make automated check for call signs and locators. Check Call and Check Loc are available.



11. Export log

LOG | Export | backup of KJTlog: internal format allows to export all bands including notes into one file. It is very comfortable for taking to other computer.

LOG | Export | EDI: standard EDI files are exported. Make sure all information is set correctly in the EDI tab in the setup.

12. Import logs

It is recommended to import own logs from previous contests to fill in internal database and get supportive information about stations, locators and worked bands.

Create new log as described in paragraph #5.

Import EDI log: LOG | Import | EDI

Select EDI file on your hard drive.



Import all bands one after another.

13. Partial search

This is very powerful feature of the log. First check what most used prefix is defined in the setup. The prefix is added in a call sign search. You might not use it, then leave the field blank.

Partial search with wild cards

Space is used as a wild card, then press **F9**.

The screenshot shows the KJTlog software interface. The main window displays a call log with columns for Time, Call, Band, RST, N/Rx, RST, N/Rx, LOC, QRB, Points, QTF, Operator, Note, and Modified. Several entries are circled in red, including call signs like OK2RTI, OK2UI, OK2OI, OK2BKI, US5WU, OK2UIN, DL2HTI, and OK2OI, and locations like JN89FL, JO72GI, JN89QI, KO20DI, JO61BB, and JO80OC.

Below the log is a search interface with fields for Time, Call, RST, SSB, RST, N/Rx, LOC, QRB, Points, and QTF. The 'Call' field contains '2 |' with a red arrow pointing to the space character, labeled 'Space!'. The 'SSB' field is set to '59' and 'Points' is '475'. The 'OSO's' field shows '12'.

On the right side, there is a 'Call Loc DB' table with columns for Call, LOC, QRB, and QTF. Several entries are circled in red, including 9A2HI, 9A2KI, 9A2KI/P, 9A2RI, 9A2RI/P, 9A2UI, DA0FFA/P, DA0FFO/P, DC1GJF, DC7BM, DD0FIH, DD1JSN, DD6EX, DF0BT/P, DG1BTFN, DG2DCI, DG2HSI, and DG2MM/P.

At the bottom, there is a 'BAND QSO POINTS ODX/ka' table with columns for BAND, QSO, POINTS, and ODX/ka. The table lists various bands and their corresponding QSO counts and ODX/ka values.