OH1NAVY Naval Contest Logchecker

The program reads **Cabrillo** formatted and **E-Log** logs into a database and calculates contest logs score. You can also manually add station data to the database pre-calculated without qso data. The program prints the finished data **as an Excel** file.

The Excel file will have several tabs – Logs, Qsos, Members, References and Clubs.

Additional options include the **Logs** tab only and the data of only one drive, which includes only **the Logs** and **Qsos tabs**.

The Members tab has all Navy stations in alphabetical order, and correspondingly, the **References** tab displays the membership number order. These tabs are intended for exploring member lists.

The Logs tab has pre-calculated points for each drive. The stations are in order of points according to the categories.

The program resets the score independently only for Dupe connections. Other point changes and rejections of connections are done manually in the DOOM window.

Once all logs have been read into the database, the cross-check **CrossCheckQsos** found in the **LogTools** menu must be performed.

The function marks those connections where there are deficiencies or other possibilities for error.

These connections can be found in the Case Menu in the CourtRoom's DOOM window, where they should be processed individually.

(Out of 12,500 contacts in the 2023 contest, about 700 were found to be checked manually)

When all the desired changes and revisions have been made, the finished results will be available in Excel.

The program database contains as comprehensively as possible the membership numbers / invitations of Navy stations.

When the program starts, OH1NAVY.EXE creates its own operating environment, creating the necessary directories.

Aftermath of the 2023 competition:

- The logs should have been requested only in Cabrillo format.
- Each attachment in the email should have a drive call in its name.

Contact information of the program author:

OH1MIE Veikko Nieminen

Palonkuja 6 23100 Mynämäki Finland

veikko.sr.nieminen@outlook.com

The program requires login

The program can also be used without logging in, in which case some functions are closed

We Password to SQL Server use	_		×								
Password Sign in Sign in	C)H.									
You will need a password to Use this program with SQL Server The password can be ordered by e-mail oh1mie@oh1aj.fi											
Access locally without a password Open											

The organizers of the contest and the administrators of the membership lists can order a password by email <u>ohmie@oh1aj.fi</u>.

The message must include contact information and information about which Naval country has the right to maintain data.

Contest organizers can change the parameters on the server and decide on access to E-logs.

Contest parameters dashboard

ontest start time	Contest end time	Deadline end time	
14.12.2024 16:00	15.12.2024 15:59	31.01.2025 🗐 🔻 Save	Show
Allow E-Log sending	Allow E-Log test sending	Mark all E-Logs as unread	E-Logs on

Once the competition has started, the *Delete all electroniclogs from the server* button will disappear from the screen. The purpose of the button is to clean all possible test logs from the server before the start of the race.

Allow E-Log test sending

If selected, E-Log files can be sent from Naval Logger without date restrictions. Without selecting a log program, only race time qso data can be sent.

Show E-Logs on the server button allows you to see all E-Log files on the data server.

When E-Log files have been read from the server, they are not deleted for security reasons but marked as read. If it becomes necessary to re-read them, by pressing **the Mark all E-Logs as unread** button, all logs can be marked as unread, so that they can be read again.

There is an option **Allow E-Log sending** to send a contest log from the Naval Logger until **Deadline** Day. The log program overwrites any E-log it may have previously sent and saves the new version, reversing it into unreaded mode. In the next chapter of the electrical logs, the previous log changes to the new one. A drive can have only one log in the database.

(SQL Server resides in a cloud service managed by OH1MIE)

Read E-Logs

The reading of logs is done by selecting Read *All E-Logs* in the menu. If there are no logs on the server, the option is grayed out.

You can see the number of logs you can read in the lower left corner

0 Cabrillo And 0 E-Logs waiting to read

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LogTools D	ata Tools Court	Room				
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Station	Incoming	Saved	Log Details			
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9A1AA	9A1AA.log	30.11.2024	Operator		Orac	
CS5NRA	CS5NRA.log	30.11.2024	Name		4505	
CT1BWW	CT1BWW.txt	30.11.2024			Multiplayers	
CT1ELZ	CT1ELZ.log	30.11.2024	Band		Qsopoints	
DB5DN	DB5DN.CBR	30.11.2024	Mode			
DF1GRA	DF1GRA.log	30.11.2024	Power			
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DF6LP	DF6LP.txt	30.11.2024	Class		Logs	179
DG1EHM	DG1EHM.CBR	30.11.2024	Cluss		Naval St Logs	170
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DJ6SI	DJ6SI.txt	30.11.2024	Address		Non Naval St Logs	0
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DK2FG	DK2FG.log	30.11.2024	Duplicates		10 points qsos	6 103
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DLODMB	DL0DMB.txt	30.11.2024	SQL Server			
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OH1	NAV	/ Naval	Allow E-Log sending	Allow E-Log test sending	Mark all E-Logs as unre	E-Logs on the server
			Delete all electronic logs from	n the server		
0 Cabrillo And	1 0 E-Logs waiting	to read	179 Logs / 11 263 Qs	os readed	Creat	ted by OH1MIE

Folder view



Uses of directories All

⊘ A Original Archive

attachments, logs, etc. concerning the competition should be copied to this folder. Ready-made logs can be copied from the folder to the **LogsForReading** folder and manual log files to the **HandWorkLogs** folder

Here it is worth keeping all the material that has come up in its original form for your own archiving and inspection. *This folder is not used by the program. It's for organizing files only*

⊘ A HandWorkLogs

Folder is for files that need to be manually processed, either due to reformatting of log data or other data retrieval. *This folder is not used by the program. It's just for organizing files*

⊘ A HandWorkReady

All files in the previous folder should be moved to this folder when the necessary information has been extracted from them.

This folder is not used by the program. It's just for organizing files

⊘ A LogsForReading

All ready-made **Cabrillo** format log files are copied to this directory for the program to read. The files are read all at once using the function found in the menu:

Read All Logs to Database

When the program reads a drive's data into the database, it deletes any previous data on that drive. i.e. *If the log has already been read into the database, that information will be lost.* A call to the same drive can occur only once in the database.

After a successful read, the log file moves to the **Readed** folder. If there are reading problems, the file moves to the Failed folder to wait for manual re-scanning. At the same time, the program will partially delete any lost data from the database.



The program will move all correctly read files from the previous folder here. If any changes are made to these files, they should be read into the database again using the previous folder.

⊘ A Failed

If the program finds an error while reading the file, it moves it here so that it can be opened with Notepad and corrected to it. After repairing, the file should be moved to the **LogsForReading** folder for reread.

⊘ 유 SWL Archive

The program does not support listener logs, but they must be analyzed manually. They can be stored here. In competitions, the number of them may possibly be a maximum of one or two, so it is not worth spending programming time on them.

This folder is not used by the program. It's just for organizing files

⊘ A Security

In the program menu there is a function **Create Backup file**, which allows you to create a backup copy of oh1navy.mdb data file in this folder. The program adds a timestamp to the copy name.

Restoration is done by renaming the file to oh1navy.mdb name by removing the timestamp. The file is then copied onto the actual database in the program directory.

Instructions for the material

- Copy email logs and attachments to both **Qriginal Archive** and **HandWorkLogs folders**.
- Do not make changes to **the files in the Qriginal Archive** folder, this way they will remain the original data that can be checked for errors.
- When you have processed the log files sent by the drive in the HandWorkLogs folder, copy the cabrillolog to the LogsForRead folder and the other data from the drive to the HandWorkReady folder.
 Copy the Cabrrillo log with the naming rule asemankutsu.log for example, oh1mie.log.
 The suffix is irrelevant, it can be .log ,cbr, txt or whatever.
- SWL logs should be copied to the SWL Archive folder, where scores are calculated manually. Points are added to the program without Qso data. The data should be marked as class D

Clear a database at once

The Delete All Data from Database function in the Datatools menu allows you to clear the database at once



Entering log data manually

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First, press the button to turn on the input mode \square .

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DK7FX DK7FX.log 30.11.2024 DK8NT DK8NT.log 30.11.2024 DK9MOS DK9MOS.txt 30.11.2024 DK9OS DK9OS.txt 30.11.2024 DLODMB DLODMB.txt 30.11.2024 DLOMF DLOMF.CBR 30.11.2024 DLOMFE DI OMFE txt 30.11.2024 DLOMFE DI OMFE txt 30.11.2024 DLOMF DLOMF.CBR 30.11.2024 DLOMFE DI OMFE txt 30.11.2024 DLOMFE DI OMFE txt 30.11.2024 DLOMFE DI OMFE txt 30.11.2024	DK3AX	DK3AX.CBR	30.11.2024			1 mainte anna	-		
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DK9MOS DK9MOS.txt 30.11.2024 DK9OS DK9OS.txt 30.11.2024 DL0DMB DL0DMB.txt 30.11.2024 DL0MF DL0MF.CBR 30.11.2024 DL0MFE DL0MEF txt 30.11.2024 DL0MFE DL0MEF txt 30.11.2024 MIONEF DL0MEF txt 30.11.2024	DK8NT	DK8NT.log	30.11.2024	Email		0 points qsos		104	
DK9OS DK9OS.txt 30.11.2024 DL0DMB DL0DMB.txt 30.11.2024 DL0MF DL0MF.CBR 30.11.2024 DL0MEE DI 0MEE txt SQL Server Contest start time Contest end time 14.12.2024 15.12.2024 15:59 Save Show E-logs on	DK9MOS	DK9MOS.txt	30.11.2024	Filename					
DLODMB DLODMB.txt 30.11.2024 DLOMF DLOMF.CBR 30.11.2024 DLOMEF DLOMEF txt 30.11.2024 Contest start time Contest end time 14.12.2024 16:00 Interval Show E-Logs on	DK9OS	DK9OS.txt	30.11.2024						
DLOMF DLOMF.CBR 30.11.2024 Contest start time Contest end time Deadline end time DLOMFE DLOMFE DLOMFE tot 30.11.2024 Interval Interva	DLODMB	DL0DMB.txt	30.11.2024	SQL Server					
DIOMEE DIOMEE<	DLOMF	DL0MF.CBR	30.11.2024	Contest start time	Contest end time	Deadline end time			
Show E-Log sending Mark all E-Logs on E-Logs on E-Logs on	DLOMEE	DLOMEE tyt	30 11 2024	14.12.2024 16:00	15.12.2024 15:59	31.01.2025	Save	Charry	
OHINAVY Naval Indicate by scheme and a constrainty Mark an e-bogs as diffead Delete all electronic logs from the server	OH1	NAV	Y Naval	 Allow E-Log sending Delete all electronic logs from 	Allow E-Log test sending	Mark all E-Logs as un	iread	E-Logs o the serve	er
0 Cabrillo And 0 E-Logs waiting to read 179 Logs / 11 263 Qsos readed Created by OH1MIE	0 Cabrillo And	0 E-Logs waiting	to read	179 Logs / 11 263 Qs	os readed	Created by OH1MIE			

Fill in Enter the required information in the fields and press He button. You can get out of the mode without saving data with X a button.

Repairing log data

離 OH1NAV	Y Naval Contest Log	Inspector 3.4.0.0					_		
LogTools	Data Tools Court	Room							
🗅 🖬 🗙									
Station	Incomina	Saved	Log Details						
LY4L	LY4L.log	30.11.2024	Station	OH1MIE	Sc	ore			
LY4T	LY4T.LOG	30.11.2024	Operator	SINGLE-OP		_			
LY7M	LY7M.CBR	30.11.2024	News	SINGLE OF		Qsos	10		
LY9A	LY9A.log	30.11.2024	Name	Veikko		Multiplayers	6		
LZ1DQ	LZ1DQ.log	30.11.2024	Band	ALL		Qsopoints	81		
LZ2CH	LZ2CH.log	30.11.2024	Mode	SSB					
LZ2SO	LZ2SO.log	30.11.2024	Power	LOW			486 pts		
OE1TKW	OE1TKW.log	30.11.2024	Operators	OH1MIE					
OE3IAK	OE3IAK.CBR	30.11.2024	Assisted	ASSISTED	St	atistic			
OE3IDS	OE3IDS.CBR	30.11.2024	Assisted	ASSISTED		Logs		179	
OE4GTU	OE4GTU.CBR	30.11.2024	Class	C		Naval St. Logo			
OE5ANL	OE5ANL.CBR	30.11.2024	Contest	NAVAL		Naval St Logs		179	
OE6LHG	OE6LHG.txt	30.11.2024	Address	,		Non Naval St Logs	;	0	
OE6YAW	OE6YAW.txt	30.11.2024				All Qsos		11 263	
OH1LD	OH1LD.log	30.11.2024	Duplicates			10 points asos		6 103	
OH1LR	OH1LR.log	30.11.2024						0 105	
OH1MIE	OH1MIE.log	30.11.2024				1 points qsos		5 056	
OH1NAVY	OH1NAVY.log	30.11.2024	Email	veikko@nieminen.fi		0 points qsos		104	
OH1PP	OH1PP.txt	30.11.2024	Filename	OH1MIE.log					
OH1XFE	OH1XFE.log	30.11.2024							
OH7QR	OH7QR.CBR	30.11.2024	SQL Server						
OH8UL	OH8UL.txt	30.11.2024	Contest start time	Contest	end time	Deadline end time	,		
OM3TRG	OM3TRG tyt	30 11 2024	14.12.2024 16:00		2024 15:59	31.01.2025	▼ Save		
OH	INAVY	/ Nava	Allow E-Log se	ending 🗌 Allo	w E-Log test sending	Mark all E-Lo	gs as unread	E-Logs the ser	v or ve
		TICEAC	Delete all electro	onic logs from the server	•				_
0 Cabrillo Ar	nd 0 E-Logs waiting	to read	179 Log	s / 11 263 Qsos readed			Created by	OH1MIE	

Click the station information in the list and then click the button to make the necessary changes \blacksquare .

CourtRoom – DOOM window

When all logs are in the database, the Log Tools menu should be triggered **CrossCheck Qsos** that, the program will mark the connections that should be checked in this DOOM window.

. After

MTZ DOOM Window						-	×
Select Case	29254 29257 29327 29322 29406 29459 29461 29463 29510 29510 29510 29510 29553 29566 29569 29574 29666 29569 29574 29666 29775 29743 29785 29735 29743 29786 29795 29743 29786 29826 29375 29743 29786 29826 29838 29895 29912 29912 29917 29945 Cor Points	Wpe Table	• All	Chk Reference	O Not In Both Log		
Jun Cases awaiting sper	itericing						

The Select Case selection opens up a connection that the program thinks needs to be examined.

- The program does not automatically reset points for non-Dupe connections. - Other Qsos must be processed by the organizers of the competition in this window.

The window automatically displays all the information needed to verify that connection.

Example: Select case number 1695 from the list.

ם 🛃	OOM Windo	w											-		×
S	elect Case	,	1695			~	Wipe Tab	le	O AU	⊖ Chk R	eference	○ Not In Both Log			
	Not in bot	h logs	5												
	Station		Dat	e		UTC	Band	Mode	MsgOut	Ca	llSign	MsgIn	Point	s	
	SV1BJW		09.1	2.2023	5	04:57	40	CW	GR003	G3	WBB	RN4372	10		
	RN4372	G3WE	BB							Se	lect Decisio	n for Reason		Confirm	
574.0	G3WBB qsc 09.12.2023 09.12.2023 09.12.2023 09.12.2023 09.12.2023 09.12.2023 09.12.2023 09.12.2023 09.12.2023	04:52 05:05 05:06 05:08 05:11 05:16 05:30 06:01	40 40 40 40 40 40 40 40 40 40 40 40 40		RN4372 RN4372 RN4372 RN4372 RN4372 RN4372 RN4372 RN4372	LY2CX SV16JW DJ2IT LY4L OM2TBG PA2PCH EA6NB	0027 0003 CA152 0079 CA163 0014 0010 0005		 All Selectiv 	re					
674 Ci	ases awaiting	senter	ncing												.::

In the model below, the SV1BJW drive log cannot be found in the G3WBB log. At 5:05 p.m., the log contains the call SV16JW saying 0003, which is most likely the connection in question. Clicking on the G3WBB list will change the connection window

🛃 DOOM Window								-		×
Select Case	1695	~	Wipe Ta	able	O All	○ Chk Reference	○ Not In Both Log			
Not in both log	gs									
Station	Date	UTC	Band	Mode	MsgOut	CallSign	MsgIn	Points		_
SV1BJW RN4372 G3V GR003 SV11	SV1BJW 09.12.2023 04:57 RN4372 G3WBB GR003 SV1BJW		2.2023 04:57 40 CW		GR003	G3WBB Select Decision	RN4372	Confirm		·
Expected destin	ation QSO									
Station G3WBB	Date 09.12.2023	UTC 05:05	Band 40	Mode CW	MsgOut RN4372	CallSign SV16JW Select Decisio	MsgIn 0003 n for Reason	Points 1 Co Wip	onfirm De Qso	
Cour	t for I	Point	s							

Now the desired measures can be taken in relation to these connections. Reset one/both qsot or accept the situation. If you want to reset qso, change the point number from the **Points** menu and select the text that describes it from the **Select Decision for Reason** menu, and the **Confirm button next to** it is activated to confirm the change. Qso will be removed from the Case menu after the change.

By selecting **Select Decision for Reason** from the menu for processing the image text you can use **the Confirm** button to accept the connection without changing the points.

Cabrillo format

START-OF-LOG: 3.0 CONTEST: INTERNATIONAL NAVAL CONTEST CALLSIGN: CALLSIGN CATEGORY OPERATOR: SINGLE-OP CATEGORY-BAND: ALL CATEGORY-MODE: CW CATEGORY-POWER: HIGH CATEGORY-STATION: FIXED CATEGORY-ASSISTED: NON-ASSISTED CLAIMED-SCORE: NAME: ADDRESS: EMAIL: **OPERATORS:** QSO: 7000 CW 2023-12-09 1606 DF1RL 599 MF721 LY4L 599 012 END-OF-LOG:

The header and data separator is : (colon)Qso (QSO:) row data should contain 10 sections in the following order, separated by space(s) or tab *Band*, *Mode*, *Day*, *Utc*, *Self-callsign*, *Snt*, *Message*, *Counter position*, *Rst* and *Message*.

N.B. Possibly the : (colon) in the UTC column between hours and minutes prevents the log from being read. (Rare). (Not 12:00, but 1200) Incorrect order or missing component will cause the file to move to the **Failed** folder.

During operation, a log file is generated in the program folder **oh1navy.log**, which contains all errors detected by the program. If necessary, the file can be sent to the authors of the program <u>oh1mie@oh1aj.fi</u> Address.

Checklist

Before the competition

- Clear database of old logs
- Delete all old E-Log files from SQL Server
- Empty folders from old files
- Deselect Allow E-Log test sending
- Make sure Allow E-Log sending is selected
- Check the time parameters of the contest.

After the race

- Read E-Log files database
- Make sure that incoming Cabrillo-shaped logs are named so that they contain the sender invitation
- Copy the Cabrillo logs to the LogsForReading folder and read them to the database
- Once all logs are in the database, run the CrossCheckQsos function from the program menu
- Check for any inconsistencies in the CourtRoom Doom window and make any point corrections there.
- Print finished results into Excel file from menu with Create Excel Sheets function
- Create a backup file from your database
- Archive material
- Publish results



MemberTool

The program is used to manage the master member database on SQL Server. (just over 4,000 members) All programs download new member lists from this server, including OH1NAVY program. In the program menus there is an item **Update Memberlist**.

Data administrators in each Naval country receive a program and credentials to manage their own lists. The **MemberTool** in question is included in this OH1NAVY program so as not to need two programs.

Entities that are not obliged to organize contests use only MemberTool.exe program. Passwords are country-specific, allowing you to manage only your own membership lists.

The database contains only the invitation, first name and member ID to be used in the competition message.

