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:
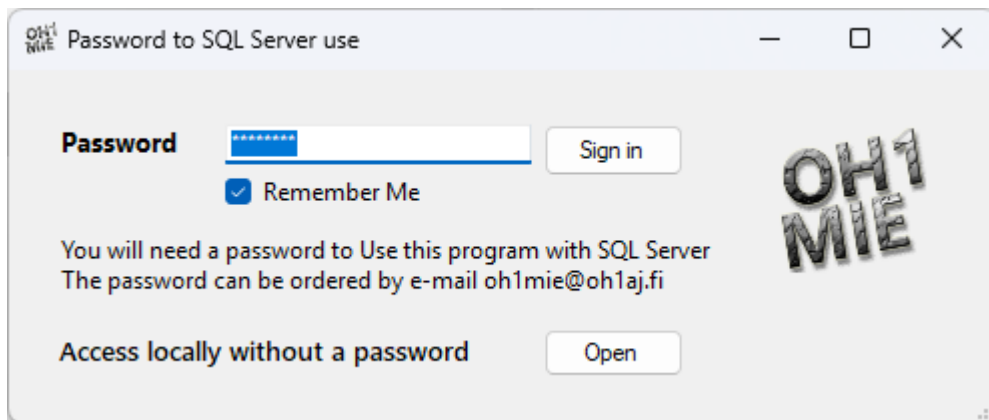
OH1MIE
Veikko Nieminen

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


The organizers of the contest and the administrators of the membership lists can order a password by email ohmie@oh1aj.fi.
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
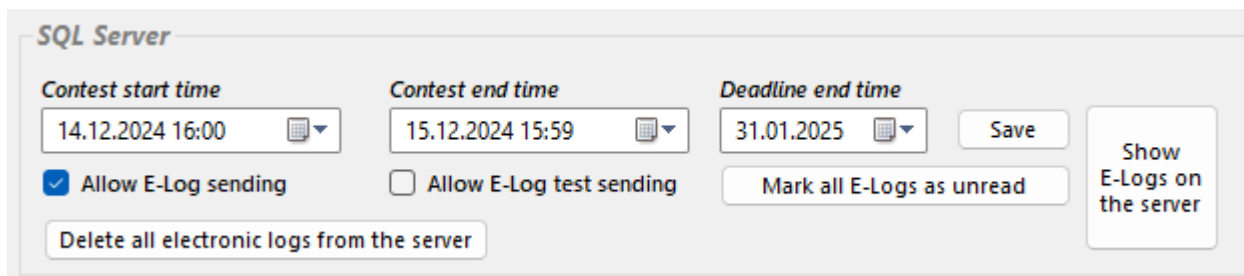
Once the competition has started, the ***Delete all electroniclogs from the server*** button will disappear from the screen. The purpose of the button is to clean all possible test logs from the server before the start of the race.

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

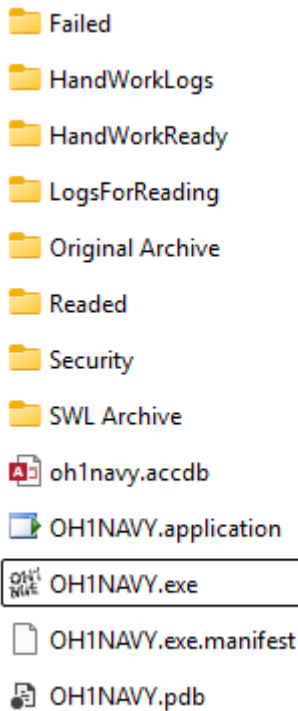0 Cabrillo And 0 E-Logs waiting to read

Folder view

📁 Failed
📁 HandWorkLogs
📁 HandWorkReady
📁 LogsForReading
📁 Original Archive
📁 Readed
📁 Security
📁 SWL Archive
🔴 oh1navy.accdb
🟢 OH1NAVY.application
⬛ OH1NAVY.exe
📄 OH1NAVY.exe.manifest
📄 OH1NAVY.pdb

Uses of directories All

⊘ 👤📁 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

⊘ 👤📁 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

⊘ 👤📁 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

⊘ 👤📁 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.

Readed

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.

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.

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

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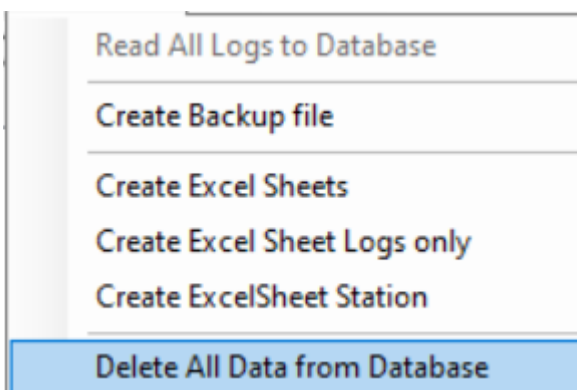
Restoration is done by renaming the file to oh1navy.mdb name by removing the timestamp. The file is then copied onto the actual database in the program directory.

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

Read All Logs to Database

Create Backup file

Create Excel Sheets

Create Excel Sheet Logs only

Create ExcelSheet Station

Delete All Data from Database

Note: The program will make a backup file with timestamp without notice before data deletion.

Entering log data manually

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

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

Repairing log data

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

CourtRoom – DOOM window

When all logs are in the database, the Log Tools menu should be triggered [CrossCheck Qsos]. After that, the program will mark the connections that should be checked in this DOOM window.
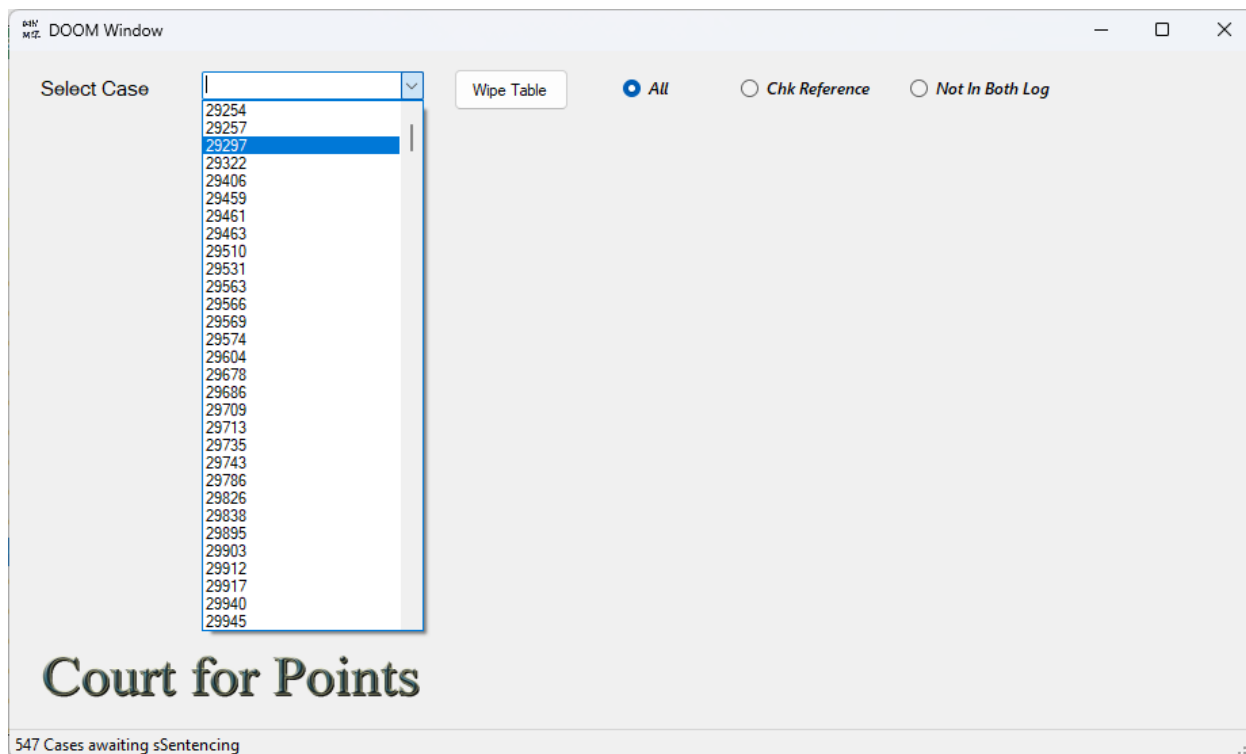
The Select Case selection opens up a connection that the program thinks needs to be examined.

- 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**.

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
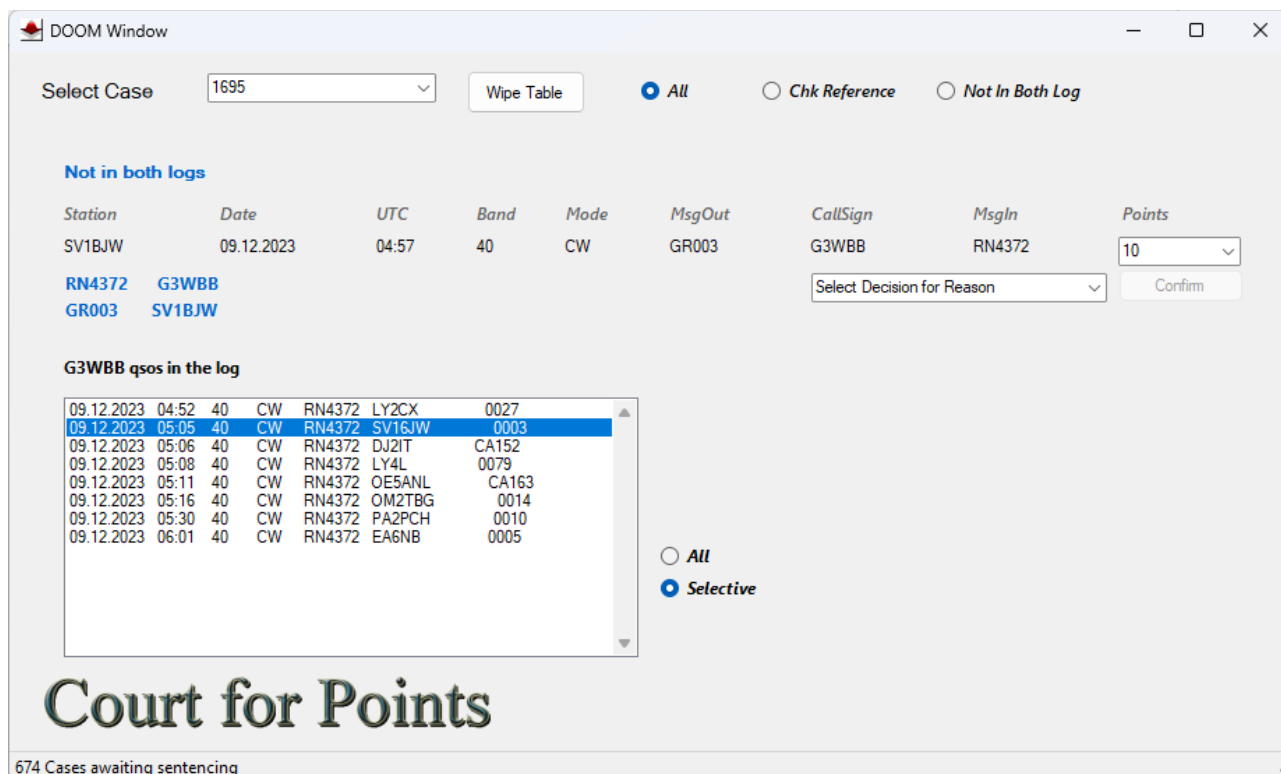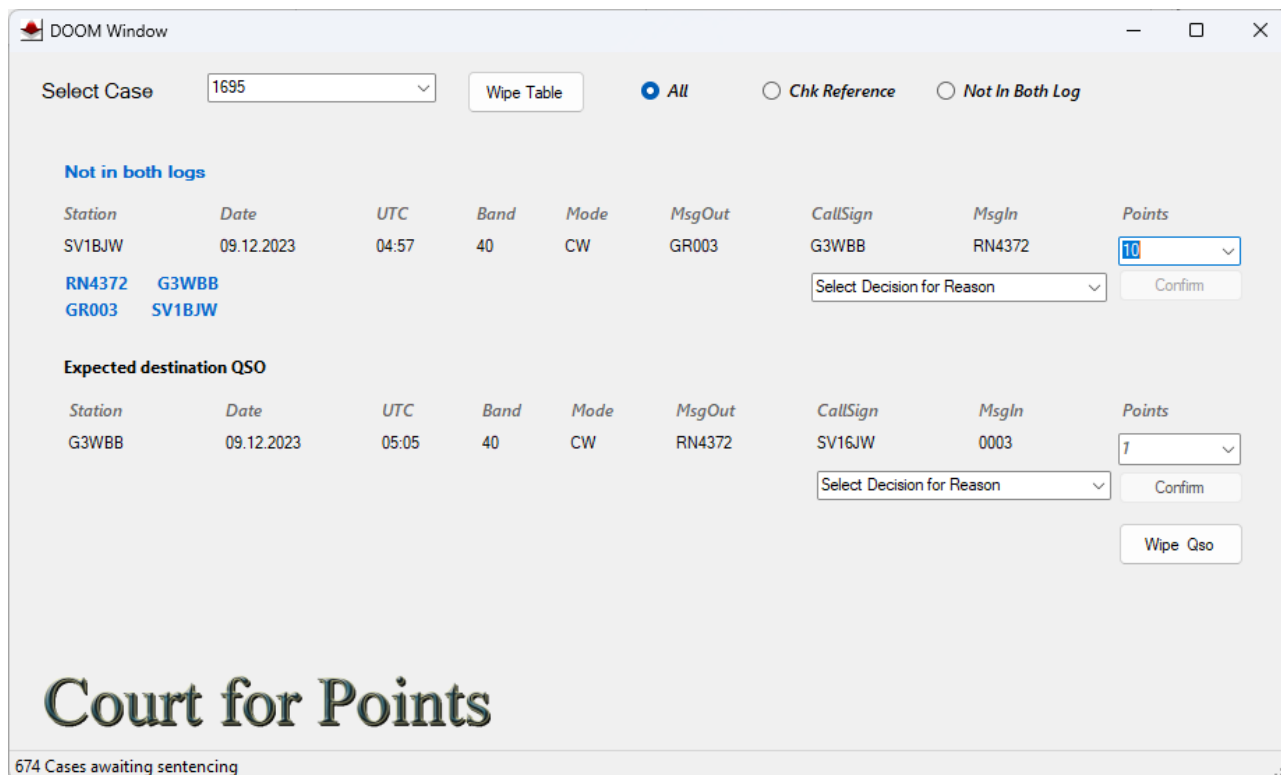

Now the desired measures can be taken in relation to these connections. Reset one/both qsot or accept the situation. If you want to reset qso, change the point number from the **Points** menu and select the text that describes it from the **Select Decision for Reason** menu, and the **Confirm button 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 oh1mie@oh1aj.fi 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

Naval Contest annual in December
Naval Logger & OH1NAVY schema
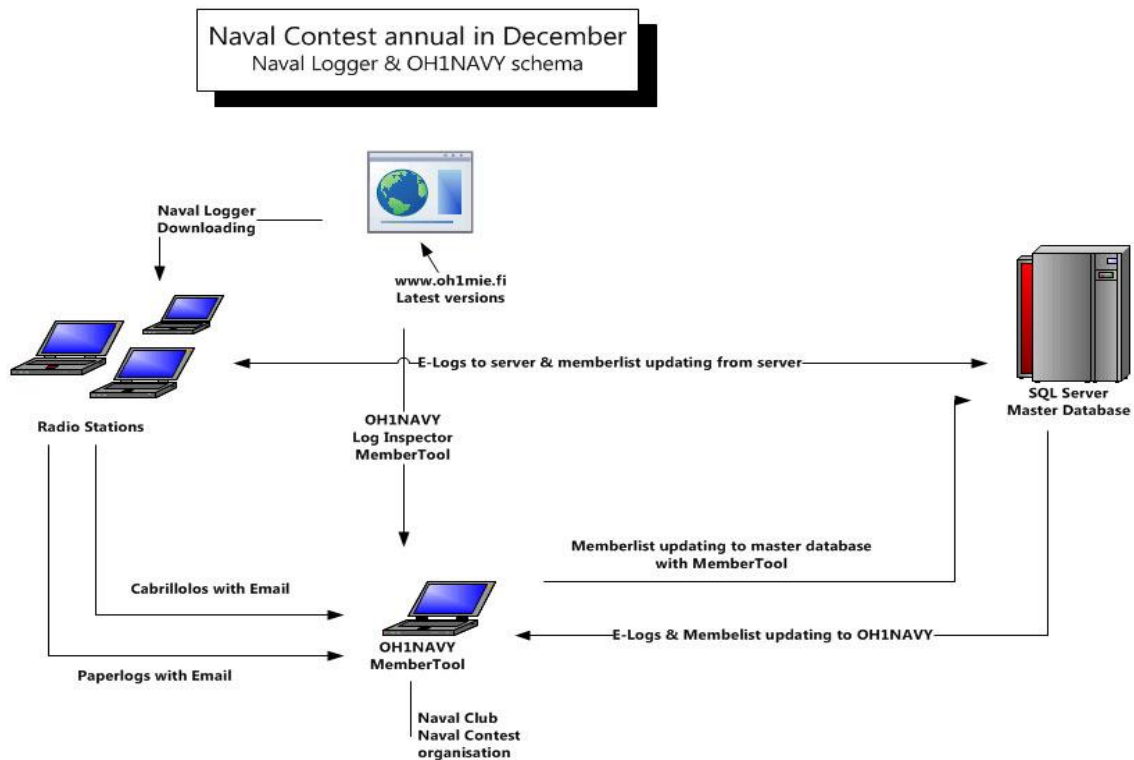
MemberTool

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.