

CLUB LOG 101 OPERATION by CHUCK KI7DG

Club Log is a web-based application that analyses log files from radio amateurs all over the world. Using the logs, Club Log offers you a wide range of reports for your own benefit, and identifies large scale trends from the sum of all activity in the database.

If you participate in Club Log by uploading your log you will receive:

- Personal **DXCC reports** and league tables
- **Detailed analysis** of your log, using researched DXCC information
- **Zone charts** for your log, again based on detailed research
- A **personal timeline** of your activity (DXCCs per year, band and mode info)
- Your own **log search tool**, eg. to link from your web page or QRZ profile
- A filtered **DX Cluster** which only tells you about DX you still 'need'
- A say in the Club Log **most wanted report**: your log is part of the trend data
- Access to **propagation and activity predictions**, using everyone's logs
- **QSL suggestions** to help you send out just the cards you need
- **OQRS** (Online QSL Requests) to make direct and bureau QSLing faster and easier
- Satisfaction from taking part in and improving a free DXing resource.

One of the driving principles of Club Log is to store *as many QSOs as possible*, as this makes the reports and statistics more meaningful and representative. Everything in Club Log depends upon analyzing real QSOs.

Software Used By Users With 200+ DXCCs [Top 5]

This chart shows the logging software used by Club Log users who have worked more than 200 DXCCs (an approximation to filtering DXers). The population of users considered is limited to those with logging software that declares a PROGRAMID in uploaded ADIFs.

Product Name	% of Users
LOGGER32	40%
HAMRADIODELUXE	22%
DXKEEPER	22%
UR5EQF_LOG	8%
N3FJP'S AMATEUR CONTACT LOG	8%

There is a wealth of information from past DXpeditions to the present. The Help feature can answer a lot of questions such as DXCC mapping. ie... why the DXCC desk won't accept that QSO. Other features of Club log is the OQRS (Online QSO Request Service) You can put one on your call for hams to get a card from you or you can contact a DXpedition for a card thru the OQRS system.

We have an average of 17 Club members who have signed up at Club Log Leagues. So what does that do for you as an individual member. First the most important is the check log. Up load your log and it will scan it and send you an email re any problems with a contact. ie....O instead of 0.

On the left hand side of the page you see a list of menu items under the heading "YOUR LOG". I will go down the menu item by item and attempt to explain, the first being DXCC Charts:

YOUR LOG

[DXCC Charts](#), [Timelines](#), [QSL Charts](#), [Zone Charts](#), [Log Inspector](#), [Log Matching](#)

DXCC CHARTS

Click on this and you get a page titled "Personal DXCC charts. There are a number of filters on this page that will lead to the next step. When you have chosen all the filters hit submit and what you get is a chart of all the DX Countries you worked and the status ie... worked, or confirmed. If you click on either the yellow W (worked) or the green C (confirmed) it will list all the stations you worked with their calls. Click on the country and you will get a report of it's most wanted location and more. The value here is being able to go to a W click on it and get a list of all the stations you worked to do follow up for QSL cards. OF COURSE, this is only as good as your up loads to Club Log.

TIME LINES

Under time lines there are 6 menu buttons the first is:

QSO BY YEAR This gives you the year and the number of contacts by mode and in % to your total contacts. ie...for 2015 mine shows 268 QSO and 71 DX of which 10.82% was CW, 59.7% SSB and 28.49% Data.

Then next TWO are DXCC and SLOTS graphs if your into graphs showing your activity.

The Forth is FIRST WORKED DATES this gives the date you first worked that DX entity and its ranking. The Fifth is NEEDED DX which lists all the DX entities you need along with the ranking of the DX. The last one is the LEASED WORKED which lists all your DX contacts and the number of times you worked them.

QSL CHARTS

This one is a wealth of information. The list includes the modes. You have the yellow W and the green C. but here they give you suggestions under the W the calls of the stations worked. Under C if the other station up loaded his log and it matches yours it is listed as a match. You at least know your in his log. If you requested a QSL by OQRS it is noted.

ZONE CHARTS

Under the filters you can select by bands. This lists the zones and also has the yellow W and the Green C. By clicking on a yellow W it will give you the info on that contact.

LOG INSPECTOR

This tool allows you to search through your own log, and check for DXCC mappings which disagree with Club Log. You can use this tool to help update your logs or find discrepancies. All of the filtering options can be used together, or left blank.

LOG MATCHING

Club Log will match QSOs where both parties have uploaded their log to Club Log, with a tolerance of ± 15 minutes. This can help you QSL contacts and to stay informed about log uploads that are relevant to your DXing progress. With the filters you can sort by a number of options. The list gives the date of QSO and the match date from the other station.

LEAGUE TABLES

An association of persons or groups united by common interests or goals.

[DXCC Leagues](#), [Zone Leagues](#), [Club Leagues](#), [CDXC Challenges](#), [Super League](#), [Uniques League](#)

DXCC LEAGUES

The leagues are rebuilt once per day. Only call signs active in the last 12 months are included in the league tables. The maximum size of a league is 2500 participants. There are a number of filters to compare your standing with the World, North America or our Club. Example using the club Filter out of 16 members W7AL Allen is listed #1. But that is only true if all 16 members up loaded all their logs.

ZONE LEAGUES

The zone leagues are rebuilt periodically. Click on a band heading to sort the tables (click twice to reverse). If you are logged in, your callsign is highlighted in green. Only callsigns active in the last 12 months are included in the league tables. The maximum league size is 2500 callsigns. There are a number of filters to compare your standing with the World, North America or our Club. Example using the club Filter out of 16 members W7MEM Mark is listed as #1. But that is only true if all 16 members up loaded all their logs.

CLUB LEAGUES

The league is based on confirmed QSOs, and uses club memberships configured by Club Log users. The data should be interpreted with care if the number of members in a club is much less than the full membership expected.

Clubs having fewer than 15 members are not included, and only callsigns that have had QSOs within the last 12 months are considered to be active. Updated once every 7 days. It shows the SDXA ranks #13th out of the 100 listed.

* For the purposes of this table, the count of callsigns is for those that are active in the leagues (ie. not hidden). This prevents historical/expedition callsigns from influencing the results, and allows members to opt-out of the calculation if they wish.

CDXC CHALLENGES

the UK DX Foundation, supports DXing and operating excellence on the HF spectrum. As part of CDXC's activities, Club Log provides support for three distinct DXing challenges, designed to stimulate activity and reward members for their achievements.

To join any of the three challenges, go to your Settings and click on the *Club Memberships* tab. Select the challenge or challenges in which you would like to participate and add yourself. Please allow up to 24 hours after joining for your log to be included, and remember that if you are not already a CDXC member you will not be able to join the CDXC DX Marathon Challenge.

The LF Challenge: The Penallt Trophy, given in memory of Allan Phillips, GW0BIC, is awarded to the CDXC member who works the most DXCC entities on the 160m, 80m and 40m bands during the month of March each year (January prior to 2005). Each DXCC entity is counted once only, regardless of how many bands or how many modes that entity is worked on. There is no minimum number of entities worked in order to qualify. QSLs are not required.

The HF Challenge: The HF Challenge seeks to stimulate DXing on the high HF ham bands, from 15m to 6m inclusive (where permitted) during September. Each DXCC entity is counted once only, regardless of how many bands or how many modes that entity is worked on. There is no minimum number of entities worked in order to qualify. QSLs are not required.

The CDXC DX Marathon Challenge: The DX Marathon Challenge is a year-long challenge starting at midnight on 1 January annually. The objective is to work as many DXCC entities as possible during the year. Each DXCC entity is counted once only, regardless of how many bands or how many modes that entity is worked on. There is no minimum number of entities worked in order to qualify. QSLs are not required.

SUPER LEAGUE

The league is based on the average number of slots (excluding duplicates) worked in the last 12 months with 113 expedition callsigns. The expeditions included are listed on the main expeditions page, between **NOW** and **LAST 12 MONTHS**. Using the filter for our Club it shows W7AL Allen leading the club and on the North American Continent he is 66 out of top 100.

UNIQUES LEAGUE

An emerging and important measure of expeditions is their ability to reach a wide audience, not only big guns. Expeditions that are truly successful will invest special efforts in making QSOs with every possible radio amateur. The following table recognizes those expeditions that have worked the most unique callsigns (as determined by logs uploaded to Club Log). The maximum duration of expedition considered in scope is 60 days. The count of operators is determined from the expedition ADIFs, where this data is available. For the year 2011 T32C leads with 48,966 uniques. so far for 2015 the K1N leads with 35,608 uniques.

CLUB LOG TOOLS

[DX Cluster](#), [Log Search](#), [Call Tester](#), [Most Wanted](#), [DXCC Analysis](#), [Propagation](#), [Great Circle Maps](#)

DX CLUSTER

Using this tool, you can search the DX Cluster for spots related to DXCCs that you have not yet worked. It has a number of filters available for searching.

LOG SEARCH

This form allows you to check if you are "in the log". It only works for registered Club Log users and expeditions that have uploaded their logs. This service has been heavily optimized for large and/or popular logs.

CALL TESTER

To test the way Club Log converts calls to DXCCs, you can use this form. You can also search comments on callsigns. Enter your call and it matches first and last DX confirmations dates and numbers in between.

MOST WANTED

The information generated in this report is derived from QSOs uploaded to Club Log. To improve quality, only QSOs that have QSLs confirmed are considered to be worked. The most wanted charts are rebuilt once per month, on average. Club Log produces charts aimed at DXpedition planners, analyzing which band-mode slots are most needed for a particular DXCC entity.

DXCC ANALYSIS

DXCC analysis includes Bands needed, Last Worked and Activation Chart. Clicking on a DX entity gives you its history of activation.

PROPAGATION WIZARD

Using the QSOs uploaded by Club Log users, an approximate pattern of activity can be determined. The information is based on actual QSOs. You can also filter on history solar flux records (SFI). The average SFI value for the last 7 days is. There is a number of filters you can use.

GREAT CIRCLE MAP GENERATOR

Enter the center of the great circle map as a grid square [4 digits ie.. DN08]. It will print out on a 8x11 sheet of paper. There are other programs that will plot with latitude and longitude the exact location of your QTH.