

EasyLog DX-Commander

User Manual

Access, DX Spot browsing and operating features

English edition September 2026

EasyLog - Microware Software

1 Accessing DX-Commander

DX-Commander can be accessed using a standard web browser. The page requires your personal EasyLog credentials before displaying spots and information associated with your DXCC status.

Access address

https://www.easylog.com/dashboard/dxcluster_improved

- 1. Open the page.** Type or select the address shown above.
- 2. Enter your credentials.** Fill in the Username and Password fields using the credentials provided for EasyLog services.
- 3. Log in.** Click Login. Once your credentials have been verified, the DX-Commander main page appears.

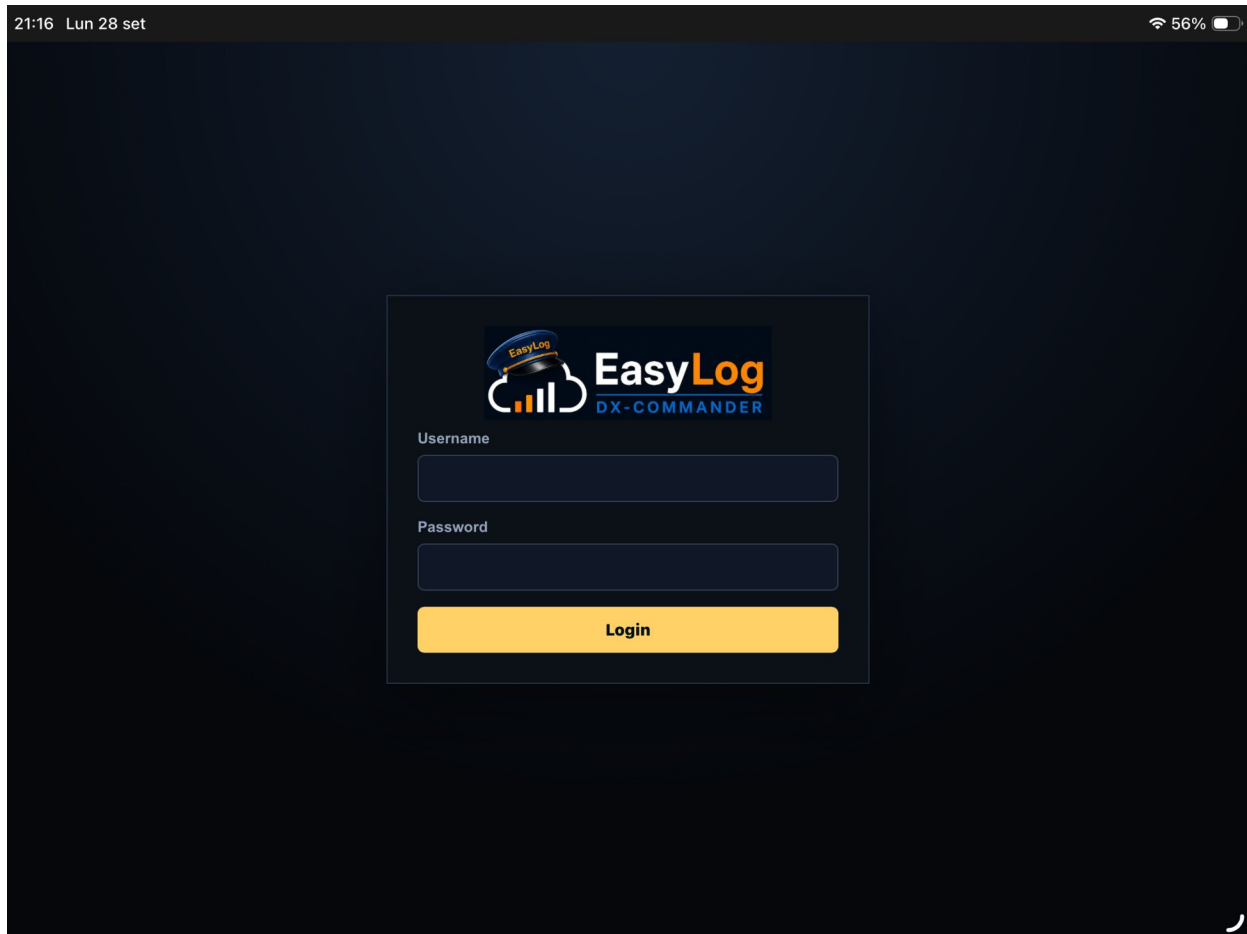


Figure 1 EasyLog DX-Commander login page

2 Main page and DX Spots

After login, the main page opens. The DX Spots tab displays spots received from the DX Cluster. Each spot includes the date and time, DX callsign, frequency, band, mode, note, country and continent.

Sorting spots

Spots are initially displayed by date and time, with the most recent first. Select a column heading to change the sort order. Clicking the same heading again switches between ascending and descending order, where supported by the column.

Displayed time period

The period menu above the table sets the time range for the displayed spots. In the example, Last 24h is selected, meaning the previous 24 hours.

20:12 Lun 28 set 58%

EasyLog DX-COMMANDER

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Active Users PDF Disconnetti

BETA

BANDA: Tutti 160m 51 80m 379 60m 28 40m 1211 30m 123 20m 2011 17m 174 15m 632 12m 40 10m 338

MODI: Tutti PHONE 1989 CW 1416 DIGITAL 1582

DX Spots DX Activities Statistiche Propagazione DXpeditions DXCC Award MOSTRA: Tutti NewOne Lavorati LoTW DXp

Ultimo aggiornamento: 2026-09-28 18:12:15 · Spot mostrati: 2500 Last 24h

DATA	DX	FREQUENZA	BANDA	MODO	NOTA	COUNTRY	CONTINENTE
28-09-26 18:13	DD4U 2	3767.000	80m	SSB	S-DOK PELL26	FEDERAL REPUBLIC OF GERMANY	EU
28-09-26 18:11	MW7RHR	14074.000	20m	FT8	TNX QRP QSO OP ATTILA GL 73	ENGLAND	EU
28-09-26 18:11	VA1MM LoTW	21074.000	15m	FT8	FT8 -07dB from FN84 1697Hz	CANADA	EU
28-09-26 18:10	N1IWP LoTW	21074.000	15m	FT8		UNITED STATES OF AMERICA	EU
28-09-26 18:10	YU65AEC	3511.000	80m	CW	65th Radio in Odzaci cw	SERBIA	EU
28-09-26 18:09	EA8AID	21074.000	15m	FT8	FT8 -09dB from IL27 1503Hz	CANARY ISLANDS	EU
28-09-26 18:09	DP0POL	10138.700	30m	FT8	WSPR sign -20	FEDERAL REPUBLIC OF GERMANY	EU
28-09-26 18:08	R2BBX/P 2	7142.000	40m	SSB		EUROPEAN RUSSIA	EU

Figure 2 Main page showing the DX Spot list

3 Interactive browsing

Some items in the table are active links. They provide quick access from the main list to information about an individual station or country.

Callsign history

Select a callsign in the DX column to display the spot history for that station, limited to the period selected in the menu above the table. This shows the frequencies, bands and modes on which the station was spotted during the selected period.

DXCC status of a country

Select a name in the Country column to open the DXCC Status window. It shows the overall status of the country and its status on each band and in Phone, CW and Digital modes.

Color	Meaning
Red	New One: a country not yet worked on the indicated band or in the indicated mode.
Orange	Worked, not confirmed: a contact has been made but is not yet confirmed.
Green	Confirmed: the contact has already been confirmed.



Figure 3 DXCC status of the selected country by band and mode

4 Filters DX spectrum and Grayline

The Band and Modes buttons limit the spots displayed. You can select an individual band or one of the Phone, CW and Digital mode groups. The counters on the buttons show how many spots match each available selection.

Band spectrum

After selecting a band, the DX Spectrum command displays the distribution of spots across the visible portion of the spectrum. Each marker identifies a callsign at its frequency; the band areas help you quickly identify the segments normally used by different operating modes.

World map and Grayline

The DX World Map command opens a geographical view of the spots. The Grayline marks the boundary between daylight and darkness. This information helps assess propagation conditions, particularly around sunrise and sunset.



Figure 4 DX spectrum of the selected band and world map with Grayline

5 DX Activities

The DX Activities tab summarizes activity observed on the DX Cluster during the selected period. You can view all bands and modes or restrict the display to a specific band or mode using the buttons at the top of the page.

Most spotted countries and callsigns

The page displays two lists side by side. The left list shows countries and the number of spots received for each; the right list shows the most spotted callsigns, their countries and the number of reports. The Most spotted button sorts entries starting with those that received the most spots during the selected period.

Viewing the least spotted entries

Click Least spotted to change the display order. The lists then show the countries and callsigns with the fewest spots during the same period and with the same band and mode filters. Click Most spotted to return to the previous ranking.

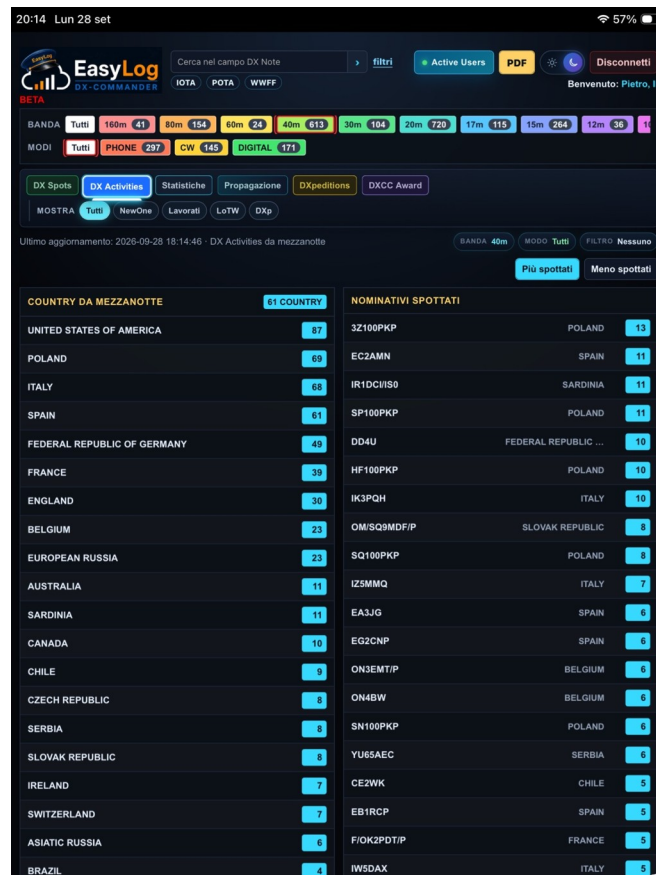


Figure 5 DX Activities showing the most spotted countries and callsigns in the selected period

6 Statistics

The Statistics tab provides a graphical view of spots received from the DX Cluster during the selected time interval. The charts follow any active filters and allow quick comparison of activity by band, mode and hour.

Spots by band

The first chart has one bar for each band. The height of the bar and the number above it indicate how many spots were published on the DX Cluster and received by DX-Commander for that band during the selected period. This makes it easy to identify the most and least active bands.

Distribution by mode

The pie chart shows how the total number of spots is distributed between Phone, CW and Digital. Both the number of spots and their percentage of the total are shown for each mode.

Hourly activity on a band

Select a bar in the first chart to display a second bar chart in orange at the bottom of the page. It shows the spots received on the chosen band hour by hour, starting at midnight. The chart title identifies the currently selected band.



Figure 6 Spot statistics by band and mode and hourly activity on the selected band

7 Propagation

The Propagation tab provides an updated summary of ionospheric conditions and a world map of usable frequencies, helping you quickly identify potentially favorable bands.

Daytime and nighttime conditions

A table at the top of the page summarizes expected propagation quality for the main band groups. The Day and Night columns allow comparison between the two periods; Good, Fair and Poor indicate favorable, moderate or unfavorable conditions respectively.

World MUF map

The map displays MUFs, or Maximum Usable Frequencies: the highest frequencies normally usable for an ionospheric contact under current conditions. Contour lines connect areas with similar values, expressed in MHz, while colors highlight areas with higher or lower MUFs. Higher values favor the upper HF bands; lower values suggest choosing lower bands.

MUF is an estimate: the actual contact also depends on the radio path, time of day, solar activity, antennas and transmit power.

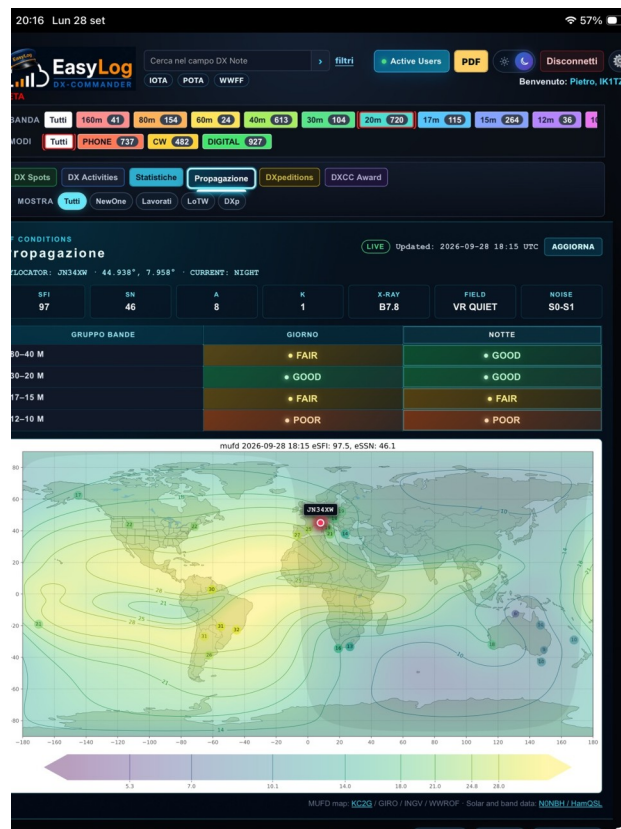


Figure 7 Summary of daytime and nighttime propagation and world MUF map

8 DXpeditions

The DXpeditions tab lists amateur radio expeditions published on the NG3K website and imported into DX-Commander. It provides quick access to current and planned activities, keeping useful information for finding and contacting them in one place.

Available information

Each DXpedition entry includes its planned operating dates, callsign, DXCC entity, QSL information and any available operating notes. These details help you identify the expedition and check its dates, confirmation methods and main operating details.

Active DXpeditions

Expeditions operating on the current date are marked with a yellow ACTIVE badge next to the callsign. This makes it easy to distinguish ongoing activities from those scheduled for later dates or already completed.

INIZIO	FINE	CALL	DXCC ENTITY	QSL VIA	INFORMAZIONI
2026-08-25	2026-10-10	V51WH ACTIVE	Namibia	DK2WH	By DK2WH fm nr Omaruru; 160-6m, incl 60m; QRV as V56Y in CQWW RTTY Contest
2026-09-09	2026-09-30	V47RCX ACTIVE	St Kitts & Nevis	LoTW	By K0YA as V47YA and W5RCX as V47RCX fm St Kitts I; 160-6m; CW SSB FT8, V47RCX FT8 only; QSL OK via home_call
2026-09-09	2026-09-30	V47YA ACTIVE	St Kitts & Nevis	LoTW	By K0YA as V47YA and W5RCX as V47RCX fm St Kitts I; 160-6m; CW SSB FT8, V47RCX FT8 only; QSL OK via home_call
2026-09-18	2026-09-30	7Q5C ACTIVE	Malawi	LoTW	By ZS6RI fm Karonga District (KH68ux); 40-10m; CW; end date unclear; periodic operation
2026-09-19	2026-10-02	D4SAL ACTIVE	Cape Verde Is	D4SAL	By EA7KNT fm Boa Vista I (IOTA AF-086); HF; SSB
2026-09-20	2026-10-10	8Q7JH ACTIVE	Maldives	LoTW	By DJ3JH fm Thulhagiri I (IOTA AS-013, M064me); 20 15 10m; CW SSB FT8, verticals; QSL via DJ3JH (B/d)
2026-09-21	2026-10-12	5W0AF ACTIVE	Samoa	LoTW	By SP5EAQ fm Apia; 40-10m, perhaps 80m; SSB; QSL via SP7DOR OQRS or SP Buro
2026-09-23	2026-10-05	C21DA ACTIVE	Naoero	VK4MAP Direct	By VK4MAP fm Meneng District, Naoero (formerly

Figure 8 NG3K DXpedition list with ACTIVE badges for ongoing activities

9 DXCC Award

The DXCC Award tab displays a matrix of your personal DXCC status. Each row identifies a country by its ADIF code and name; the columns show overall Mixed status, Phone, CW and Digital status, and status on individual bands.

Reading the matrix

The letter C on a green background indicates a confirmed contact; W on an orange background indicates a country worked but not yet confirmed; a dash means it has not been worked in that category. The numbers in the column headings summarize the confirmed countries in each category.

Sorting and browsing

The Sort by ADIF and Sort by Country buttons let you browse the matrix by code or name. In the example, Canada is confirmed in Mixed, Phone, CW and Digital, while W appears on 60 meters. The list also includes entries marked DELETED: the displayed total of 401 countries is the number of listed entries, not the number of confirmed countries.

ADIF	COUNTRY	MIXED	PHONE	CW	DIGITAL	160M	80M	60M	40M	30M
1	CANADA	C	C	C	C	—	—	W	C	C
2	ABU AIL ISLANDS (DELETED)	—	—	—	—	—	—	—	—	—
3	AFGHANISTAN	C	C	—	—	—	—	—	—	—
4	AGALEGA & SAINT BRAN...	C	—	—	C	—	—	—	—	C
5	ALAND ISLANDS	C	C	C	C	—	—	—	C	C
6	ALASKA	C	—	—	C	—	—	—	—	—
7	ALBANIA	C	C	C	C	—	W	C	C	C
8	ALDABRA (DELETED)	—	—	—	—	—	—	—	—	—
9	AMERICAN SAMOA	—	—	—	—	—	—	—	—	—
10	AMSTERDAM & SAINT P...	—	—	—	—	—	—	—	—	—
11	ANDAMAN & NICOBAR I...	—	—	—	—	—	—	—	—	—
12	ANGUILLA	C	C	C	C	—	—	—	W	C
13	ANTARCTICA	C	C	—	C	—	—	—	—	C
14	ARMENIA	C	C	W	C	—	—	—	C	C
15	ASIATIC RUSSIA	C	C	C	C	—	C	—	C	C
17	AVES ISLAND	—	—	—	—	—	—	—	—	—
18	AZERBAIJAN	C	W	C	C	—	—	—	W	C
19	BAJO NUEVO (DELETED)	—	—	—	—	—	—	—	—	—
20	BAKER & HOWLAND ISL...	—	—	—	—	—	—	—	—	—
21	BALEARIC ISLANDS	C	C	C	C	—	C	—	C	C
22	PALAU	—	—	—	—	—	—	—	—	—
23	BLenheim REEF (DELET...	—	—	—	—	—	—	—	—	—

Figure 9 DXCC Award matrix showing country status by mode and band

10 Configuration

The Configuration window, opened using the gear icon at the top right, contains user preferences. Scroll within the window to reach the lower options; the X button closes it.

Location and general preferences

My Locator requires the Maidenhead locator of your QTH, consisting of 4 or 6 characters; the example shows JN34XW. The Region menu shows Region 1. Refresh allows an interval of 5, 10 or 20 seconds; Language selects the interface language, shown here as Italian.

Telegram connection

The Telegram Notifications panel shows the connection status: the example displays Account connected. The Enable Telegram notifications switch turns alerts on or off. Reconnect Telegram repeats the connection process, Send test checks message reception, and Disconnect removes the association. After choosing the criteria described on the next page, click Save notifications to store them in your EasyLog profile.

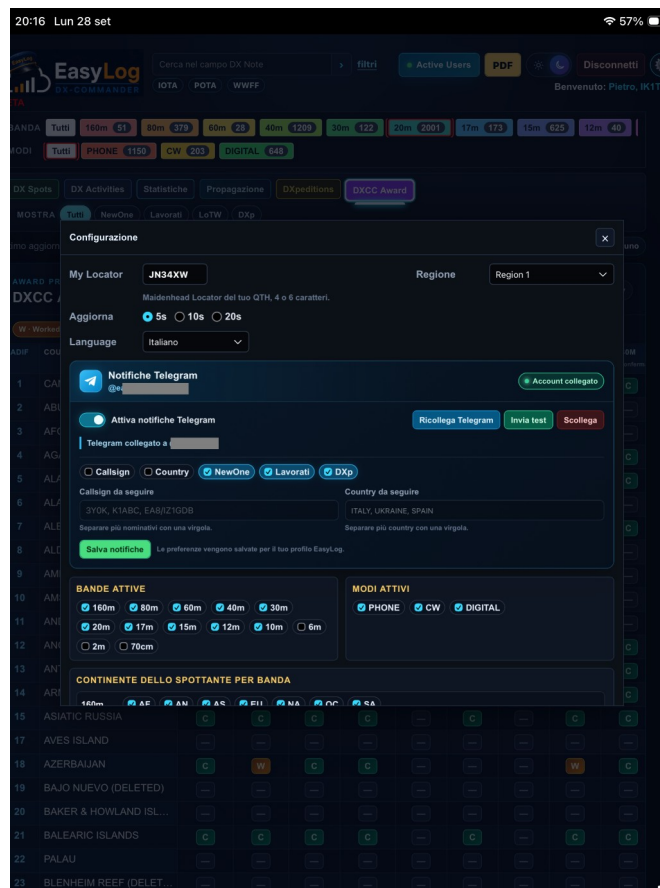


Figure 10 General configuration and Telegram notification connection

10.1 Notification criteria and filters

The Callsign, Country, NewOne, Worked and DXp checkboxes select notification categories. To follow specific callsigns or countries, use the corresponding checkboxes and the Callsigns to follow and Countries to follow fields, separating multiple entries with commas. In the example, NewOne, Worked and DXp are selected; Callsign and Country are not selected.

Active bands and modes

Active bands lets you choose which bands to enable: the screenshot shows bands from 160 through 10 meters selected, while 6 meters, 2 meters and 70 centimeters are disabled. Active modes includes PHONE, CW and DIGITAL, all selected in the example.

Spotter continent by band

For each band, you can select the continents of the spotter, meaning the station publishing the report. The abbreviations are AF Africa, AN Antarctica, AS Asia, EU Europe, NA North America, OC Oceania and SA South America. All continents are selected in the fully visible rows. Scroll within the window to view the remaining bands.

Figure 11 Telegram criteria bands modes and spotter continents

11 Quick reference

The main operations described in this first edition of the manual are summarized below.

Operation	How to perform it
Log in	Open the DX-Commander address, enter your Username and Password, and click Login.
Change sorting	Select the required column heading; select it again to reverse the order.
Change the time period	Use the time-period menu above the spot table.
View spot history	Select a callsign in the DX column.
Check DXCC status	Select a name in the Country column.
Filter spots	Select a band or mode group.
Open the spectrum	Select a band and use the DX Spectrum command.
Open the Grayline	Use the DX World Map command to view the day/night boundary.
View DX activities	Open DX Activities and choose a band, mode and Most spotted or Least spotted sorting.
View statistics	Open Statistics; select a band in the first chart to display its hourly activity.
Assess propagation	Open Propagation and compare daytime and nighttime conditions; consult the MUF map to identify favorable frequencies.
View DXpeditions	Open DXpeditions to view activities published by NG3K; the yellow ACTIVE badge identifies those operating on the current date.
View DXCC Award	Open DXCC Award and read the matrix by country, mode and band; use the C, W and dash legend and the sorting buttons.
Configure DX-Commander	Open the gear icon to set your locator, region, refresh interval, language, Telegram notifications, bands, modes and spotter continents.