

FAQ GMSplus Configuration Backup and Restore

1. Introduction

- This procedure describes how to store a backup of GMSplus configuration and how to restore configuration from a file.

2. Required Tools

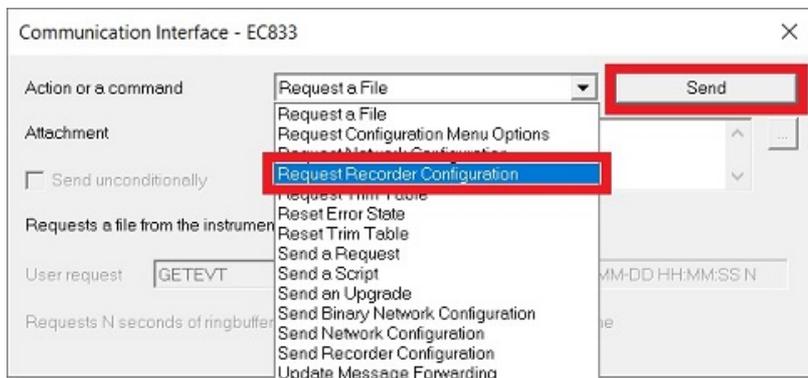
- GMSplus
- Computer with access to GMSplus

3. Backup GMSplus Configuration

- A backup of GMSplus configuration can either be taken from GeoDAS **(3.1)**, through the webinterface **(3.2)** or from GMSplus SD-card **(3.3)**

3.1 Backup from GeoDAS

- In GeoDAS window **Stations: General Information**, right-click on the station and choose **Instrument Control... -> Request Recorder Configuration -> [Send]**



- A .xml file with the station code will be uploaded to the config folder of your GeoDAS directory (C:\GeoDAS_DATA\Config\)
- Make sure the modification date is matching with the current date



- Copy the .xml file to your desired directory (its name can be changed, e.g. by adding a date stamp)

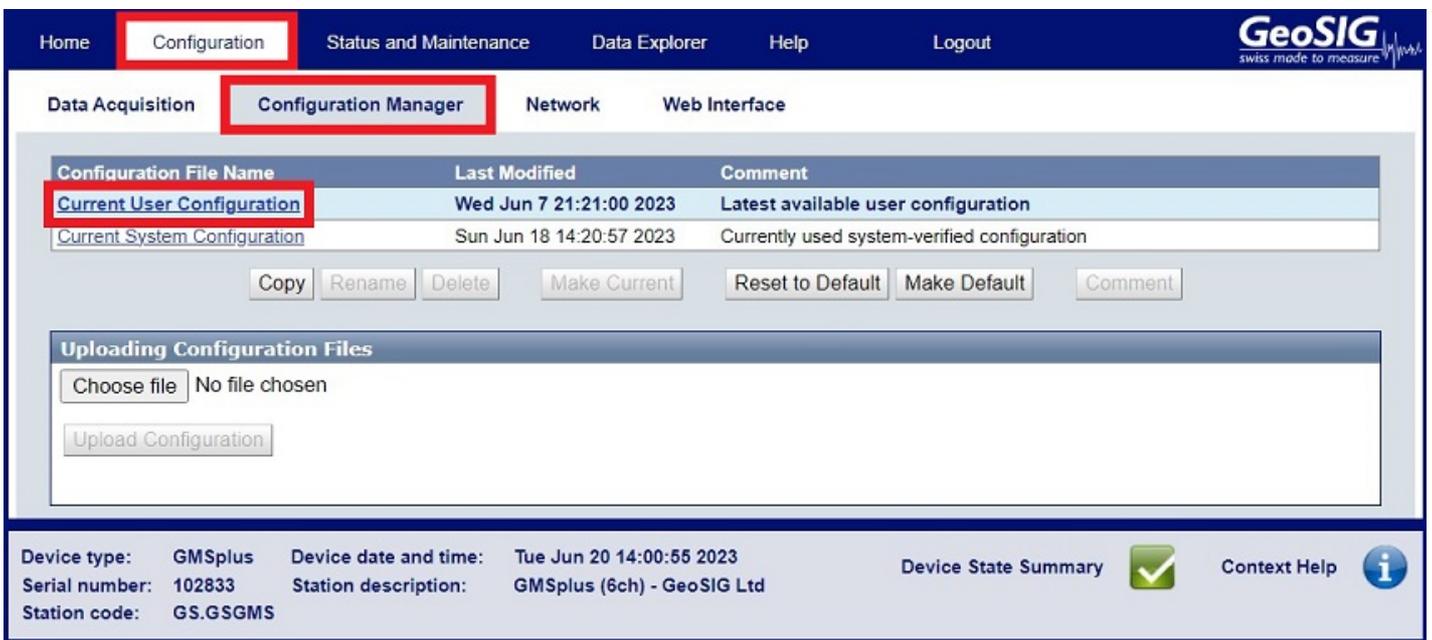


3.2 Backup from Webinterface

- Open your webbrowser, enter the IP address of your GMSplus and login as admin (default password 123456)



- Choose tab **Configuration -> Configuration Manager**
- Click **Current user Configuration** to download the configuration file



- A file named config.xml will be downloaded
- Copy the .xml file to your desired directory (its name can be changed, e.g. by adding a station code and date stamp)

3.3 Backup from SD-Card

- Turn off the recorder by pressing the power button for 3 seconds



- Wait until the **RUN** LED stops flashing
- Remove the SD card from its slot (push to release)



- Insert the SD card in your PC's card slot
- Windows cannot detect all partitions on the SD card, so it may ask you to format the card: **PLEASE DO NOT FORMAT THE CARD, OTHERWISE ALL RECORDED DATA WILL BE LOST!**



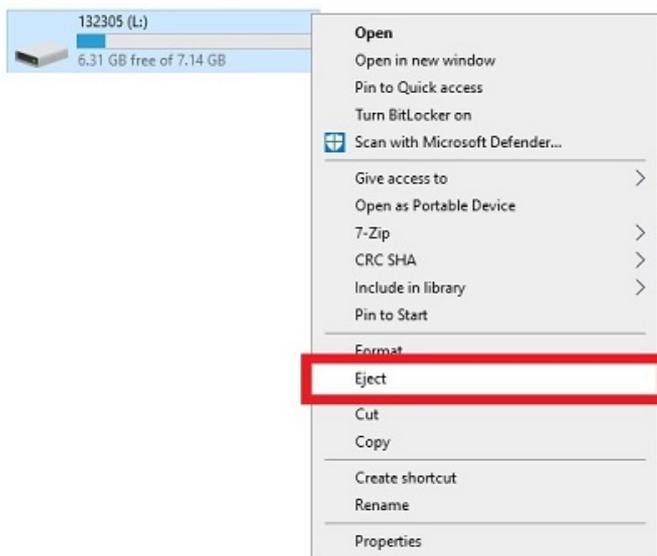
- Press **[Cancel]** if the above message appears
- The SD card should appear as drive named with the serial number of the recorder



- Copy the file **config.xml** to your desired directory

Name	Date modified	Type	Size
Data	26.04.2023 16:07	File folder	
FromServer	23.10.2020 07:55	File folder	
Incoming	14.04.2023 02:27	File folder	
Logfiles	26.04.2023 16:08	File folder	
Outgoing	27.03.2023 15:06	File folder	
Ringbuffers	26.04.2023 16:07	File folder	
System	23.10.2020 07:56	File folder	
TempDas	26.04.2023 16:07	File folder	
tmpConfig	01.03.2021 15:47	File folder	
ToServer	23.10.2020 07:55	File folder	
wtmp	14.07.2022 13:10	File folder	
config.mnu	26.04.2023 16:05	MNU File	60 KB
config.xml	25.04.2023 16:12	XML File	36 KB
config_sys.xml	26.04.2023 16:05	XML File	36 KB
gsiafw.bin	14.07.2022 13:06	BIN File	2'669 KB
network.conf	26.04.2023 16:04	Viscosity Connecti...	1 KB
network_sys.bnc	26.04.2023 16:04	BNC File	1 KB
params.bin	26.04.2023 16:14	BIN File	3 KB
websoh.xml	26.04.2023 16:14	XML File	4 KB

- You can change the name of the backup file, e.g. by adding a station code and date stamp
- Safely remove the drive (Right-click -> **Eject**)



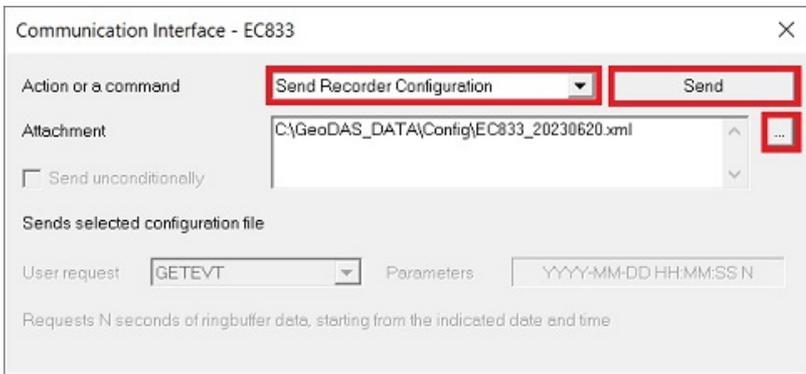
- Insert the SD card back in the recorder's card slot and turn it on by pressing the power button

4. Restore GMSplus Configuration from Backup

- The process will overwrite the current settings! Make sure you have stored a backup of the current configuration (see steps under 3.)
- A backup file can either be sent from GeoDAS **(4.1)**, through the webinterface **(4.2)** or by putting the file on the SD-card **(4.3)**

4.1 Restore from GeoDAS

- In GeoDAS window **Stations: General Information**, right-click on the station and choose **Instrument Control... -> Send Recorder Configuration**
- Click the button [...] to browse to the backup file (.xml) and send the file to the GMSplus clicking the button **[Send]**



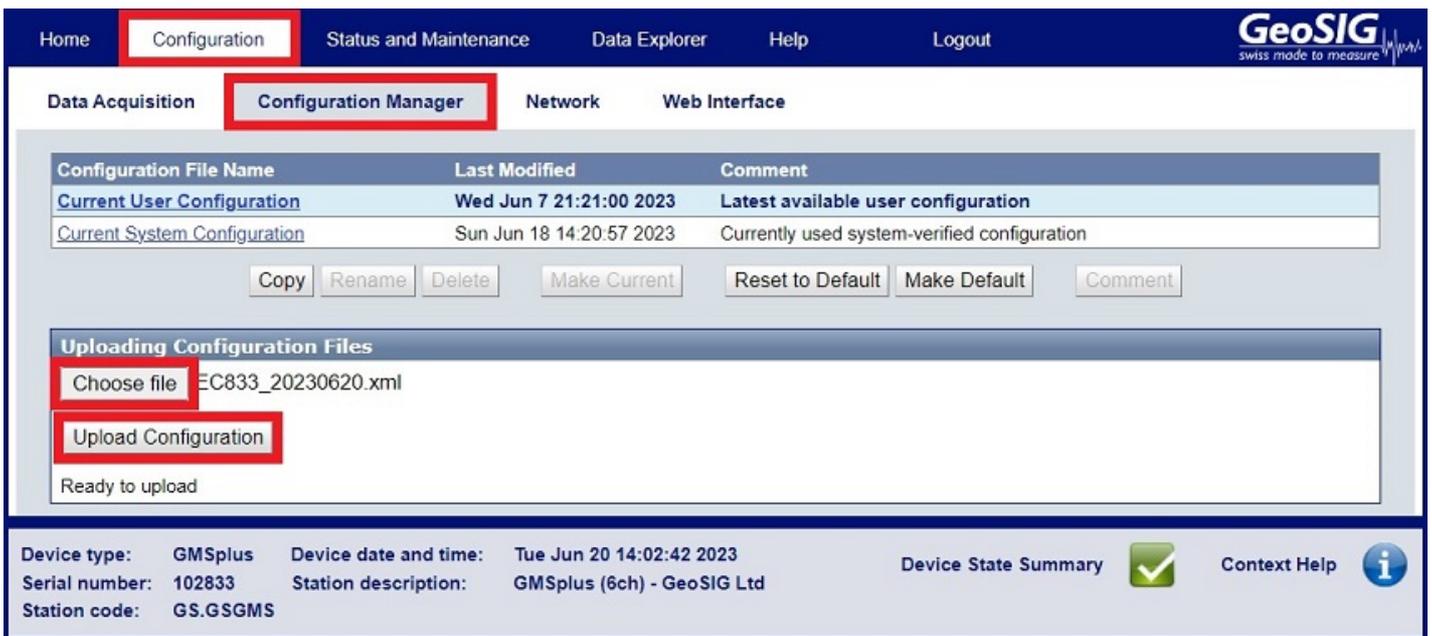
- GMSplus will restart to apply the new configuration

4.2 Restore from Webinterface

- Open your webbrowser, enter the IP address of your GMSplus and login as admin (default password 123456)



- Choose tab **Configuration -> Configuration Manager**
- Click the button **[Choose file]** to browse to the backup configuration file (.xml) and send it to the GMSplus clicking the button **[Upload Configuration]**



- Choose the uploaded configuration file from the list and click **[Make Current]**

Home Configuration Status and Maintenance Data Explorer Help Logout

GeoSIG
swiss made to measure

Data Acquisition Configuration Manager Network Web Interface

Configuration File Name	Last Modified	Comment
Current User Configuration	Wed Jun 7 21:21:00 2023	Latest available user configuration
Current System Configuration	Sun Jun 18 14:20:57 2023	Currently used system-verified configuration
EC833_20230620.xml	Tue Jun 20 14:03:47 2023	Created by WebGUI version 1.13

Copy Rename Delete **Make Current** Reset to Default Make Default Comment

Uploading Configuration Files

Choose file No file chosen

Upload Configuration

Device type: GMSplus Device date and time: Tue Jun 20 14:04:05 2023 Device State Summary Context Help

Serial number: 102833 Station description: GMSplus (6ch) - GeoSIG Ltd

Station code: GS.GSGMS

- Confirm with **[OK]** to apply the new configuration, GMSplus will restart

Changing current configuration

Please confirm using selected configuration EC833_20230620.xml as current configuration. The device will be restarted.

Ok Cancel

4.3 Restore from SD-Card

- Turn off the recorder by pressing the power button for 3 seconds



- Wait until the **RUN** LED stops flashing
- Remove the SD card from its slot (push to release)



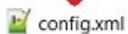
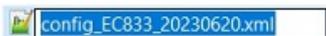
- Insert the SD card in your PC's card slot
- Windows cannot detect all partitions on the SD card, so it may ask you to format the card: **PLEASE DO NOT FORMAT THE CARD, OTHERWISE ALL RECORDED DATA WILL BE LOST!**



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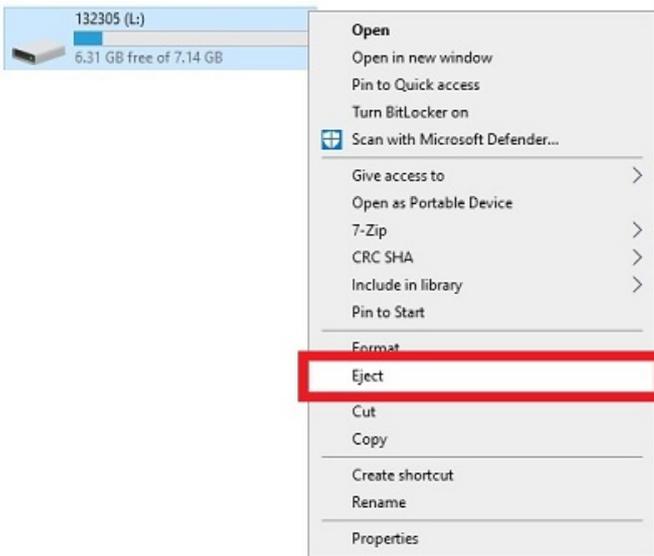
- It is recommended to backup all stored data on the SD-card before continuing with further steps
- Rename the backup file to config.xml



- Copy the file to the SD-card, replacing the present config.xml

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Data	26.04.2023 16:07	File folder	
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- Insert the SD card back in the recorder's card slot and turn it on pressing the power button