GeoSIG GMS-xx Datastream Ethernet User Guide

Contents

GeoSIG GMS-xx Datastream Ethernet

Product Specifications

- Product Name: GMS-xx
- Connection: Ethernet (LAN)

- System Requirements: GeoDAS installed on Windows Computer

Product Usage Instructions:

Setup Datastream from GMS-xx Serial Console

1. Connect to the serial console of your GMS-xx.
2. Press ‘C’ to enter the configuration menu and press ‘C’ again to edit current configuration.
3. Press ‘F’ and enter the number of output streams (1 stream per 3 channels).
4. For a GMS-xx with 3 channels, enter 1 output stream.
5. Press ‘J’ to enter Stream Parameters.
6. Press ‘B’ until Stream type shows GSBU.
7. Press ‘C’ to enter Port configuration.
8. Press ‘A’ until Communication port shows TCP/IP.
9. Press ‘C’ until Protocol shows TCP (Server).
10. Press ‘E’ to enter the communication port (default is 4001).
11. Only one stream with max. 3 channels can use the same port!
12. A second stream would need to use a different port (e.g. 4002).
13. Press Esc followed by ENTER and again Esc followed by ENTER to get back to the main menu.
14. Press Esc to exit the menu.
15. Press ‘C’ to save the configuration as current.
16. In the main menu, press ‘R’ followed by Enter to restart the instrument.
17. After the restart, the configuration changes are applied.

FAQ GMS-xx Setup Datastream Ethernet

Introduction

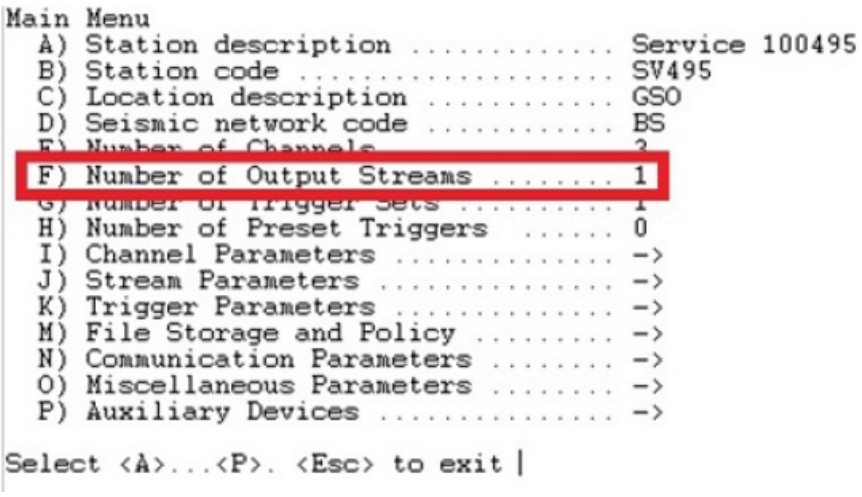
This procedure describes how to setup datastream on a GMS-xx through ethernet (LAN)

Required Tools

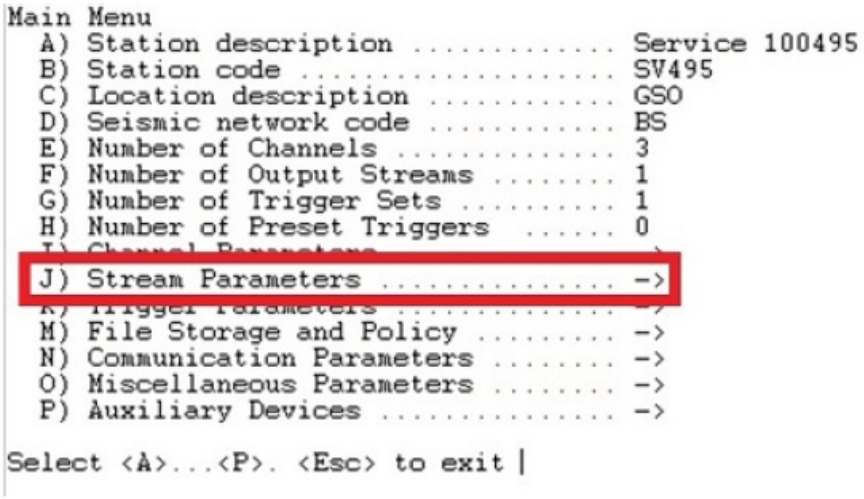
- GeoDAS installed on Windows Computer
- GMS-xx, connected via Ethernet
- Serial connection to console of GMS-xx **http://www.geosig.com/files/FAQ_GMS-xx_How_to_Connect_Serial_Console_with_uCon.pdf**

Setup Datastream from GMS-xx Serial Console

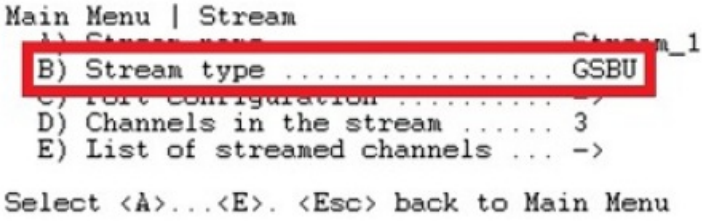
- Connect to the serial console of your GMS-xx
- Press C to enter the configuration menu and press C again to edit current configuration
- Press F and enter the number of output streams (1 stream per 3 channels)
- Means for a GMS-xx with 3 channels, you enter 1 output stream



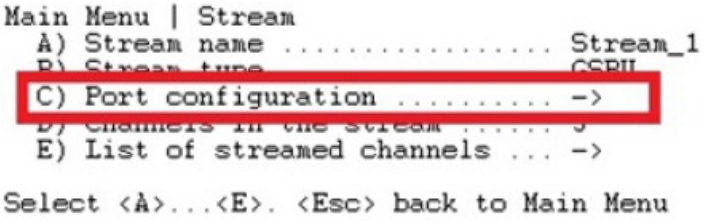
- Press J to enter Stream Parameters



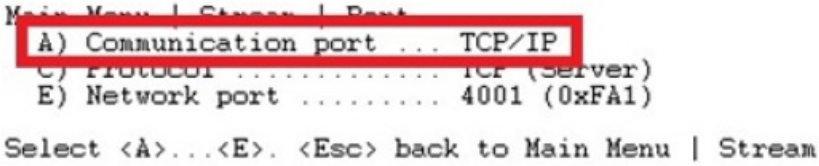
- Press B until Stream type shows GSBU



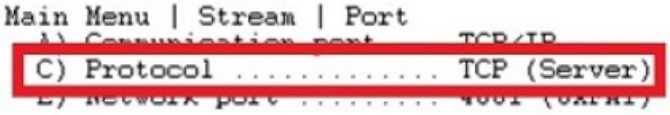
- Press C to enter Port configuration



- Press A until Communication port shows TCP/IP

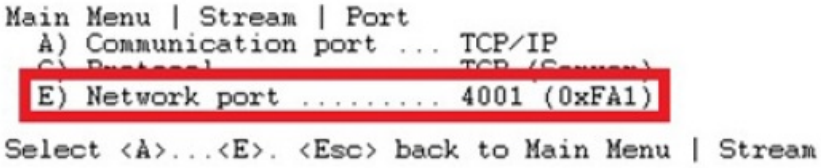


- Press C until Protocol shows TCP (Server)

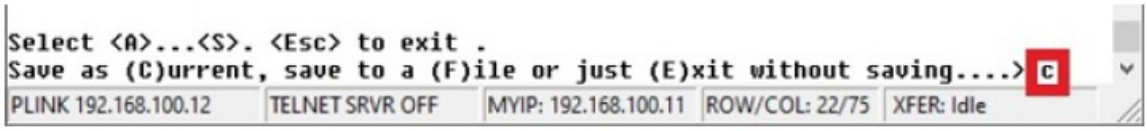


- Press E to enter the communication port (default is 4001)

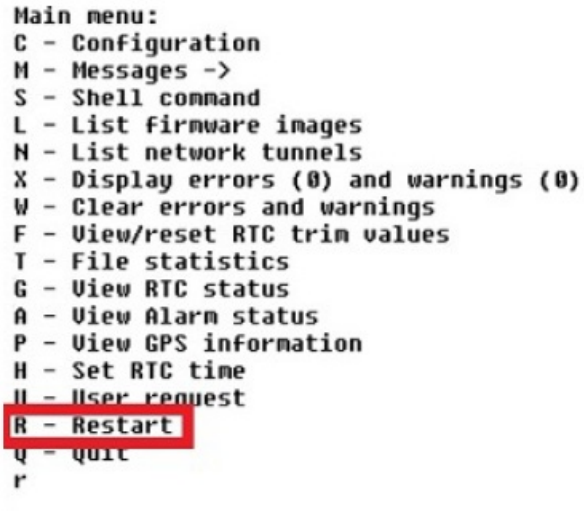
  Only one stream with max. 3 channels can use the same port! A second stream would need to use a different port (e.g. 4002)



- Press Esc followed by ENTER and again Esc followed by ENTER to get back to the main menu
- Press Esc to exit the menu
- Press C to save the configuration as “current”



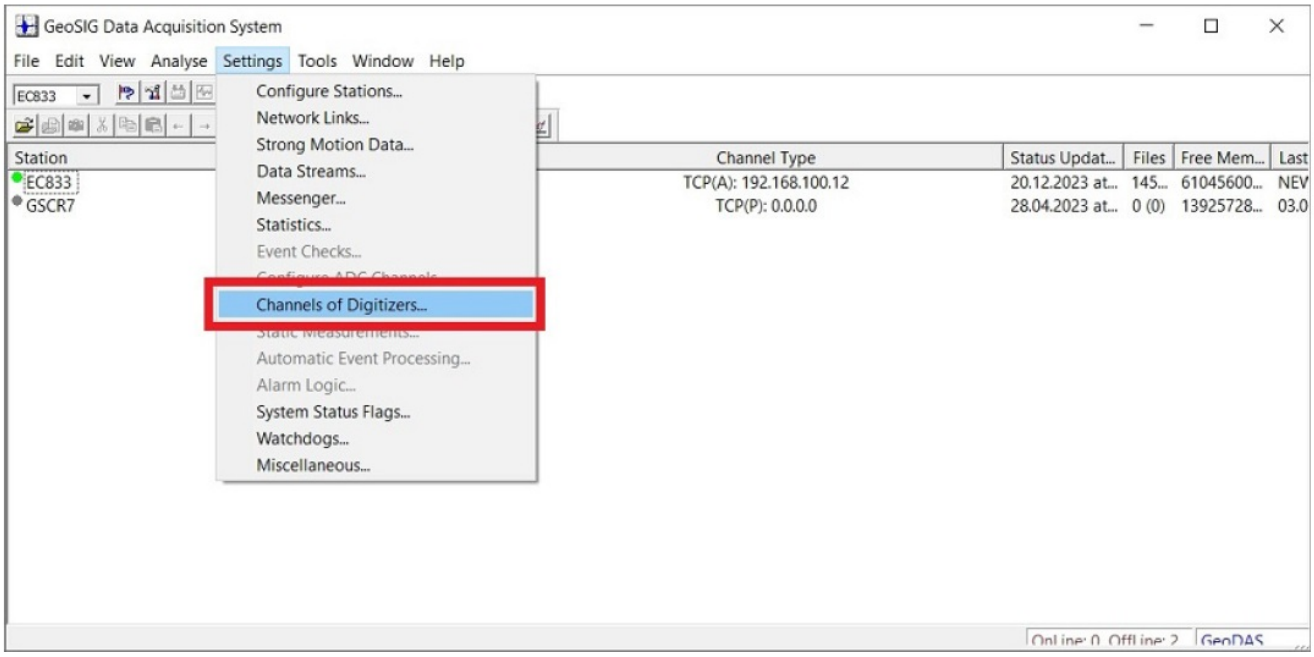
- In the main menu, press R followed by Enter to restart the instrument



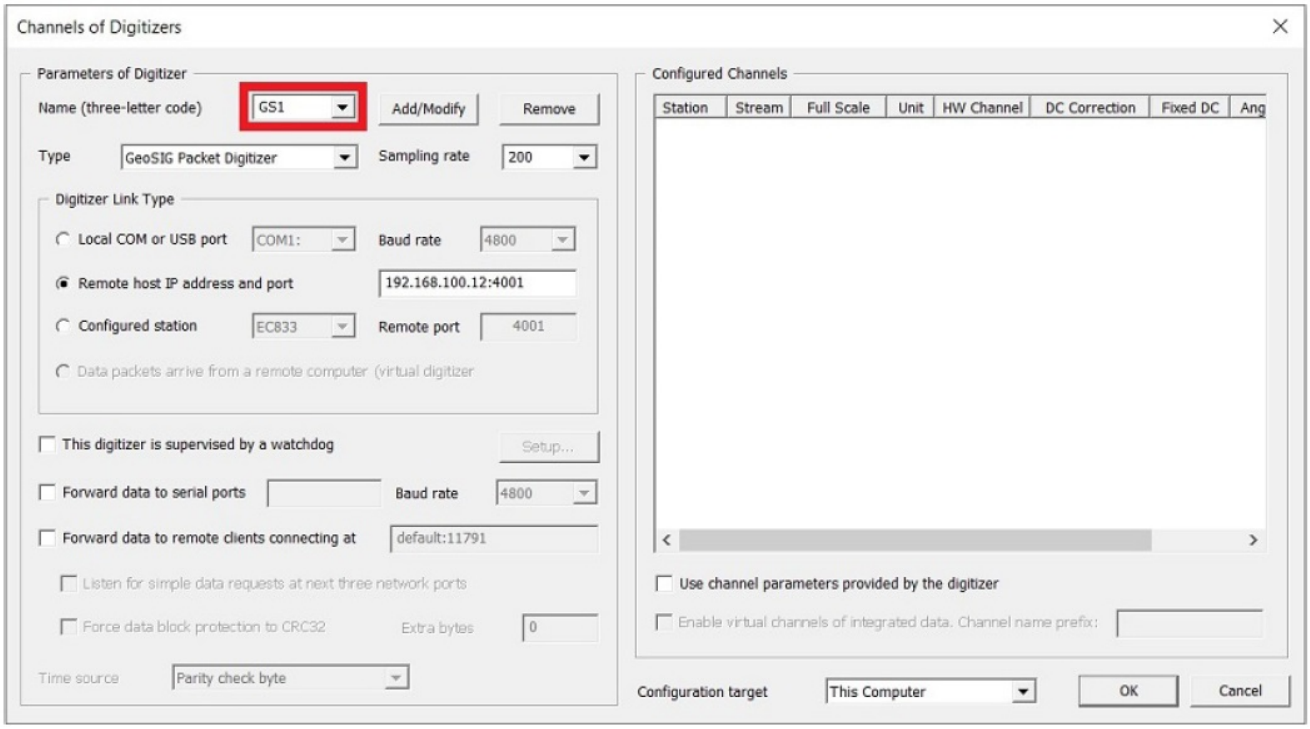
- After the restart, the configuration changes are applied

Setup Datastream in GeoDAS

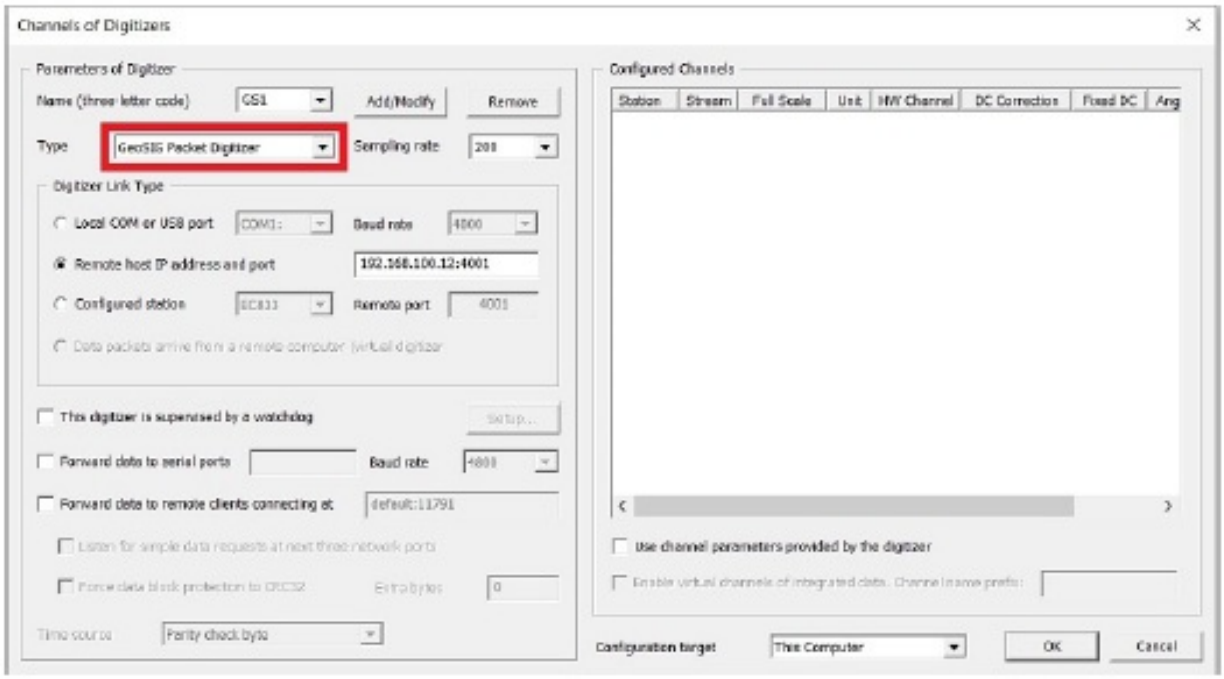
- In GeoDAS, open Settings-> Channels of Digitizers…



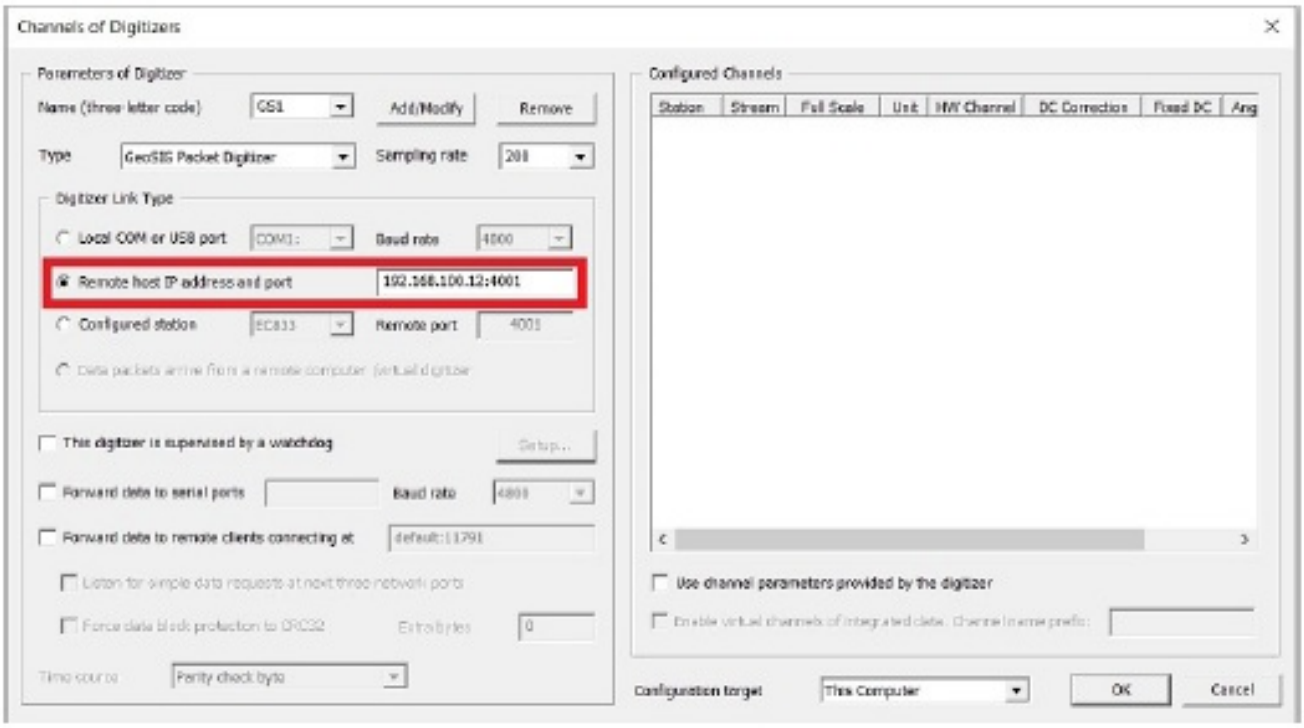
- Enter a name for the stream (3-letter code)



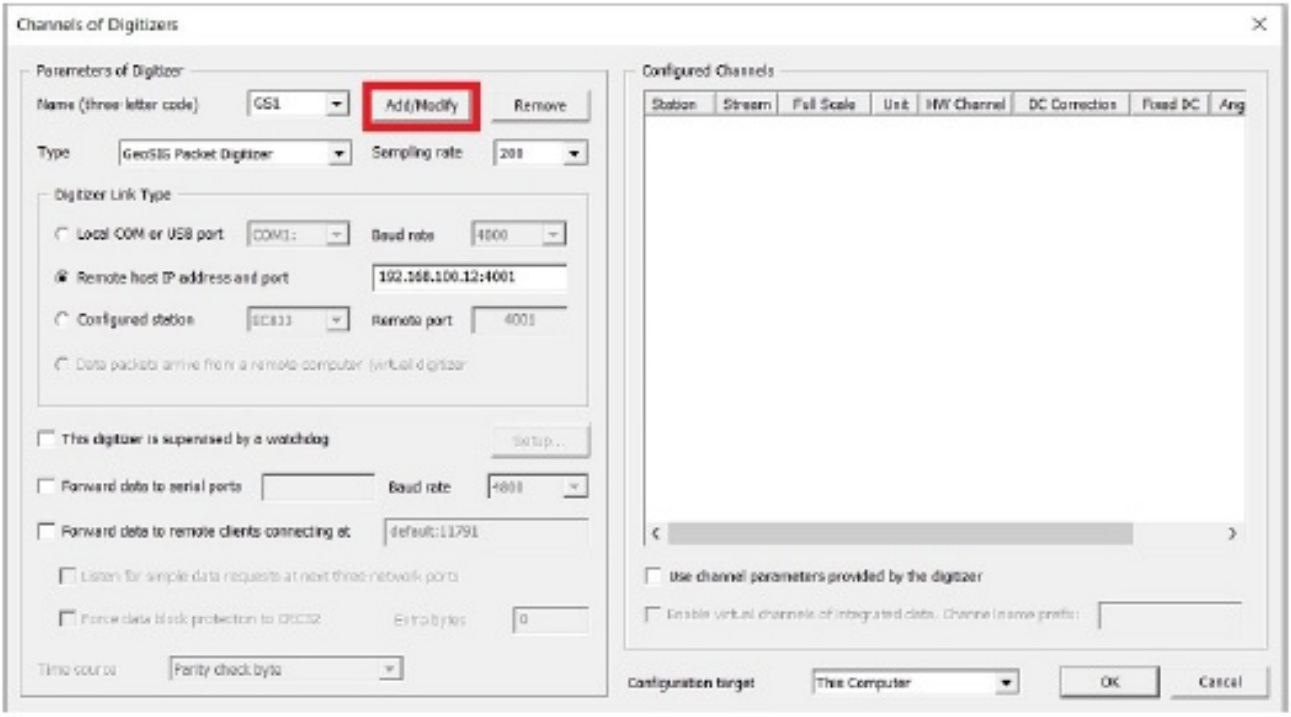
- Under Type, choose GeoSIG Packet Digitizer from the dropdown



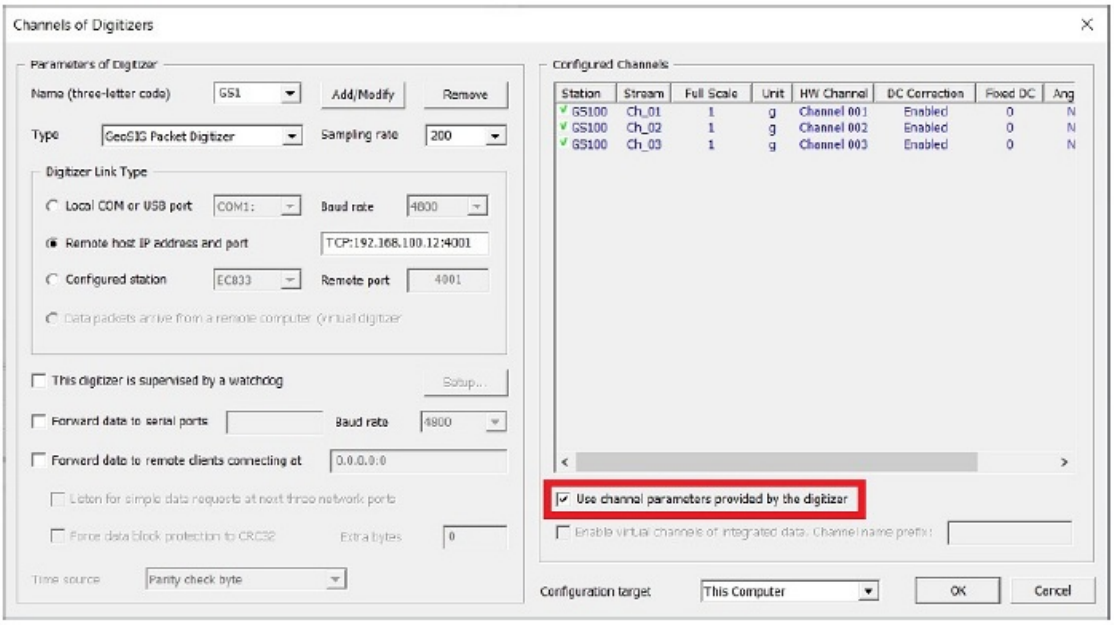
- Tick Remote host IP address and port and enter the IP address of your GMS-xx and the port defined for the stream



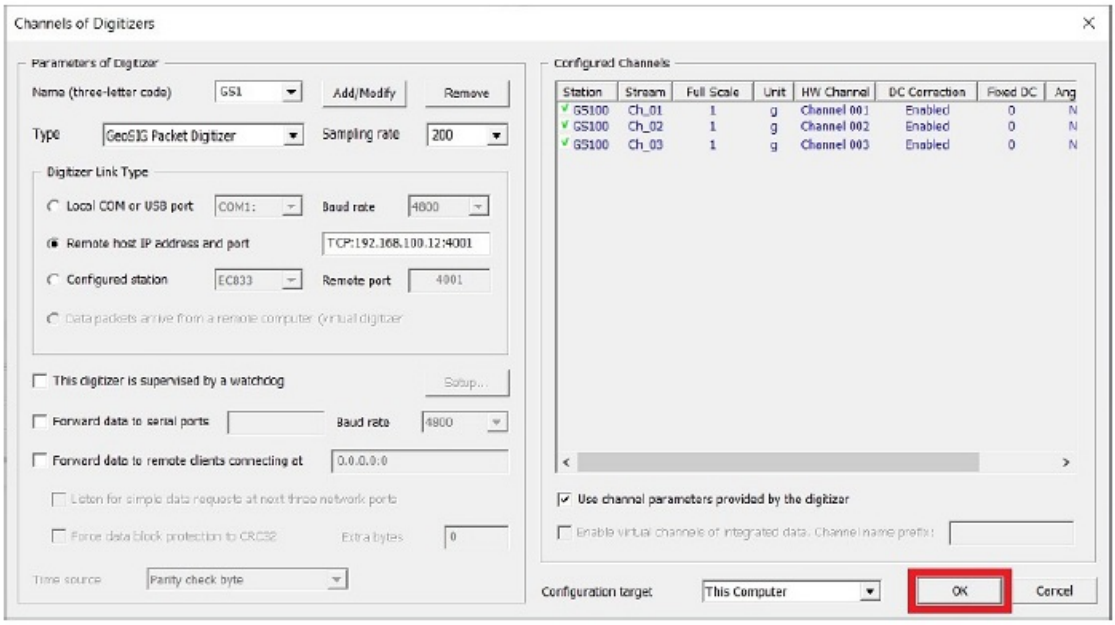
- Click the button [Add/Modify]



- Tick the box Use channel parameters provided by the digitizer



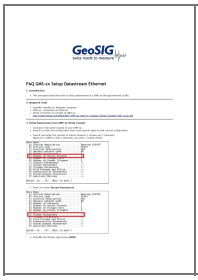
- To add another stream, repeat from step 4.
- Make sure to use a different port for each stream!
- Click the button [OK]



- Confirm the appearing pop-up with [Yes]

- Restart GeoDAS

Documents / Resources

	GeoSIG GMS-xx Datastream Ethernet [pdf] User Guide GMS-xx, GMS-xx Datastream Ethernet, Datastream Ethernet, Ethernet

References

- User Manual