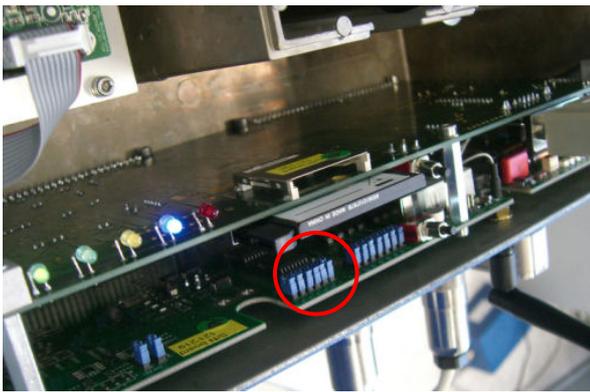
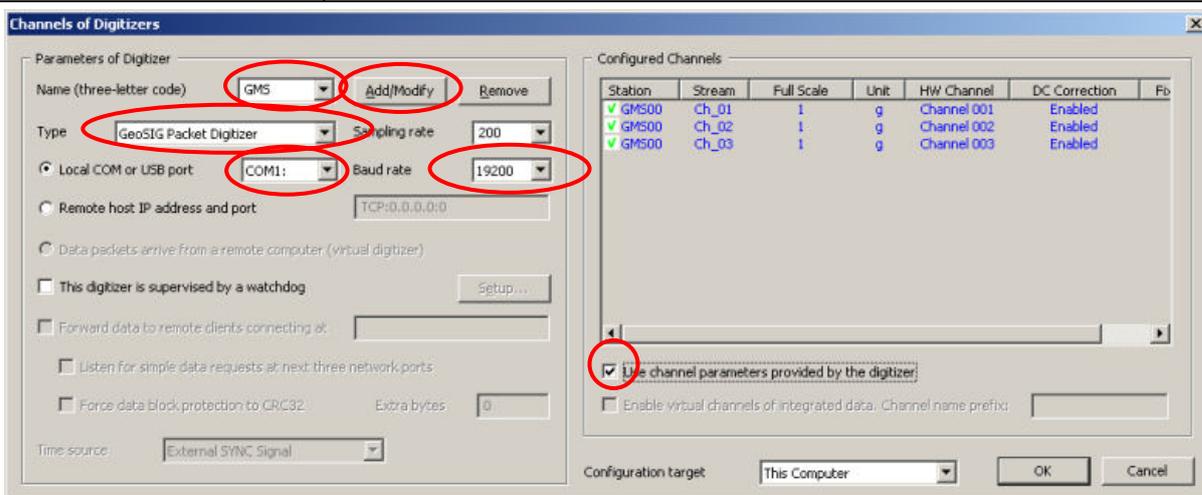


How to set Datastreaming through the serial port on a GMS-xx

<p>Unscrew the lid</p>	<p>Unscrew the 4 screws of the lid</p>  <p style="text-align: center;">Fig 1. GMS-18 from top</p>
<p>Turn off instrument</p>	<p>Push Power button at least 2 seconds</p>
<p>Unscrew the black cover</p>	<p>Unscrew the 3 screws</p>  <p style="text-align: center;">Fig 2. GMS-18 open</p>
<p>Check the jumpers</p>	<p>Check Jumper JMP1-6</p>  <p style="text-align: center;">Fig 3. Jumpers on the Mainboard This 6 jumpers should be on the top (Pin 1/2)</p>
<p>Close all the covers and turn instrument on</p>	
<p>Open GeoDAS</p>	
<p>Open "Tools > Terminal"</p>	<p>Choose the right COM port, set Baudrate to 19200</p>
<p>Press "Enter"</p>	<p>Main Menu appears</p>
<p>Press "C – Communication"</p>	<p>Choose "C" for the current configuration</p>

	The configuration will be loaded which can take several time to load.
Press "F- Number of Output Streams"	Choose "1"
Press "J Stream – Parameters"	Main Menu Stream A) Stream name Stream_1 B) Stream type GSBU C) Port configuration -> D) Channels in the stream 3 E) List of streamed channels ... -> Check under E if the 3 channels of the sensor are listed. Otherwise choose the right channels
Press "C – Port Configuration"	Main Menu Stream Port A) Communication port ... ttyS1 B) Baud rate 19200 Exit with "ESC" to the Main menu
Exit "Main Menu"	Press "Esc" and choose "C" (Current)
Press "R-Restart"	This takes some time until the instrument has restarted
Close Terminal	
In GeoDAS open "Channels of Digitizers"	Choose in the "Settings" Menu "Channels of Digitizers" Type a Three-letter code Choose "GeoSIG Packet Digitizer" Choose the right COM Port Set the Baudrate to 19200 Press "Add/Modify" Tick "Use channel parameters provided by the digitizer" to enable it Press "OK"



Restart GeoDAS to load the new configuration	
The Data Streams window appears	For further information see also chapter 9 in the GeoDAS manual and 8.4 in the GMS manual (V08)