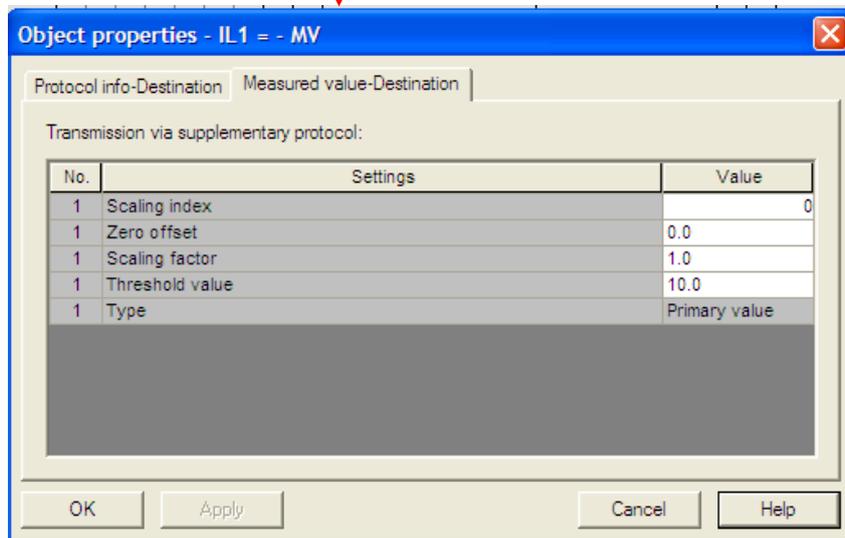
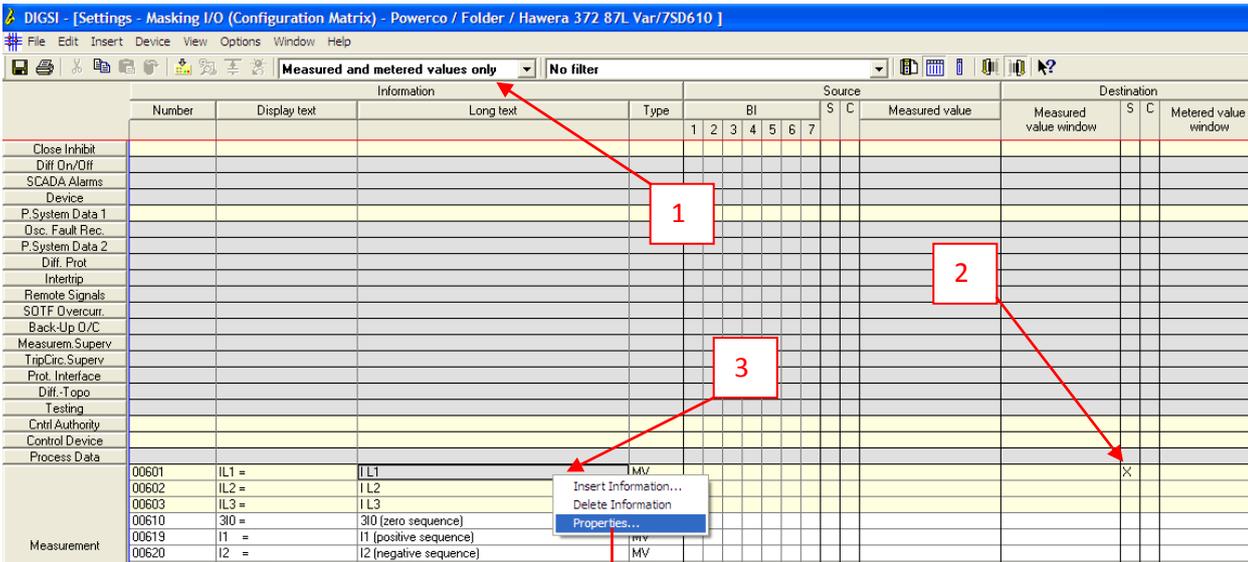


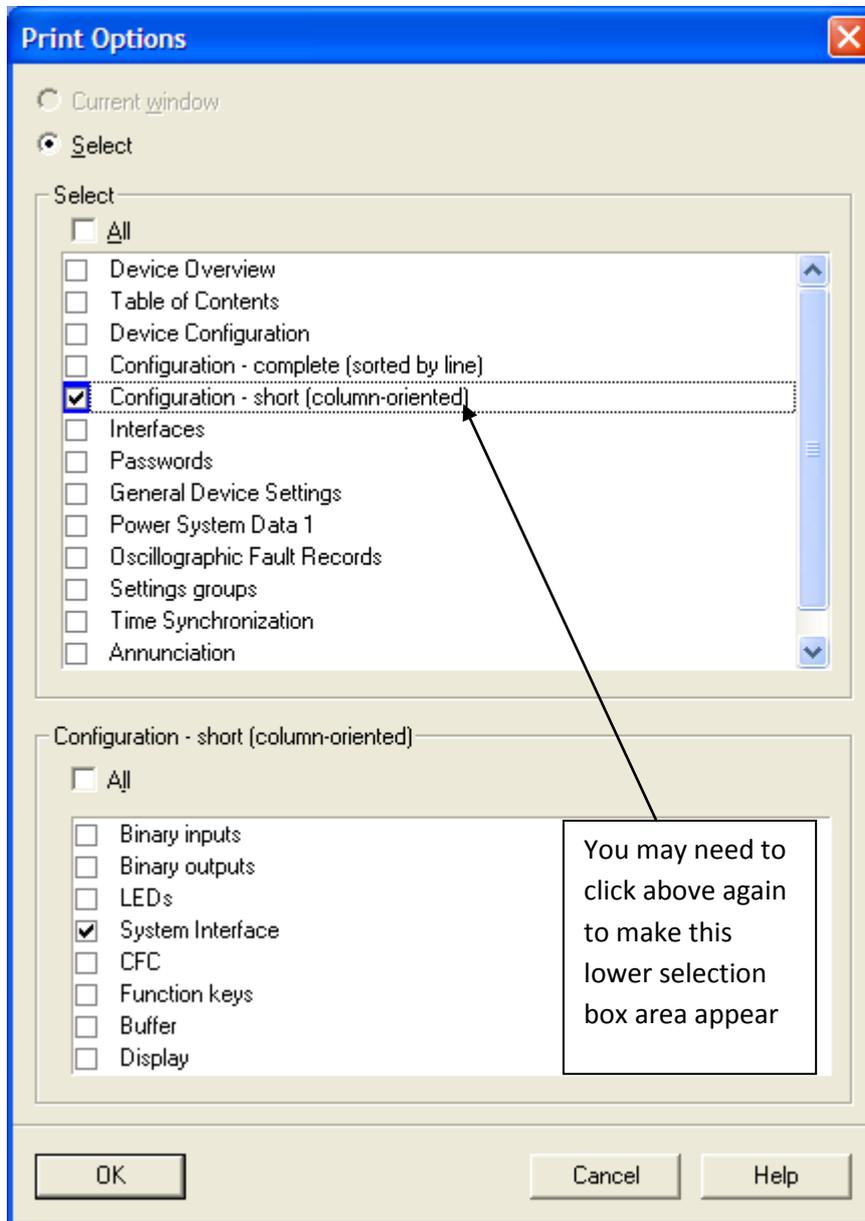
To set/change mapping, use the I/O Matrix

- 1) Ensure the filter is selected to allow you to see Commands, Indications or Measured Values etc as required.
- 2) Right click and assign with "X" the desired items to be routed to the System Interface (S) – In the Source Colum for items to be controlled by SCADA, and the in Destination Colum for items to be output to SCADA
- 3) Right hand click in the left had columns (Number, Display text, Long Text, Type) and select Properties to access the dialog to change the DNP index points and scaling etc



To print a copy of the DNP map

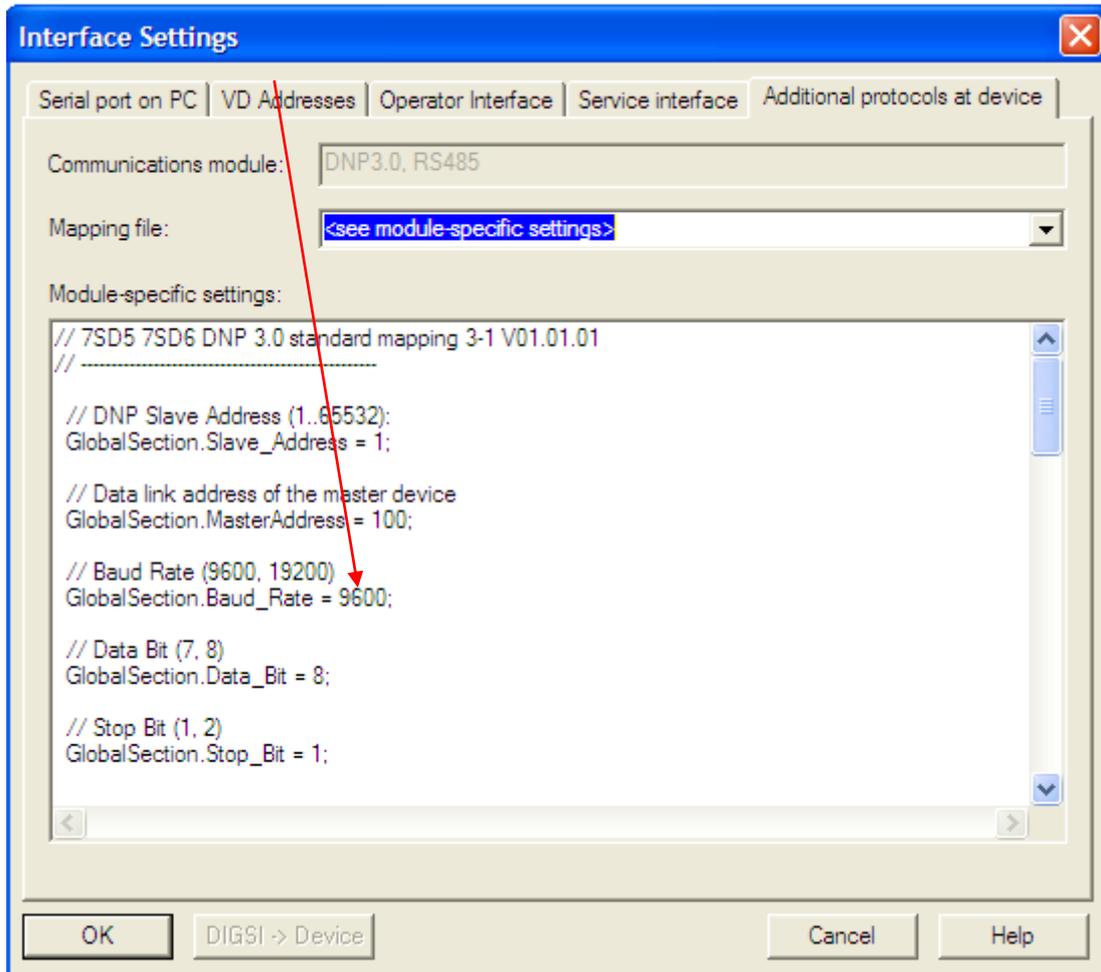
- 1) Close the I/O Matrix
- 2) Select File/Print, then select “Configuration – Short”, then “System Interface”



Notes/Warnings:

In the "Interfaces" object (below), the "Additional protocols at device" is used to set general SCADA parameters. Note that below example shows "<see module-specific settings>" which indicates that DNP map has been changed from manufacturers standard. If you change this selection back to "DNP Map Standard.....", all your DNP settings in the I/O matrix will be **lost!**

While the below appears to be a text report file, you can actually overwrite the settings to change the SCADA baud rate and other settings.



For further information:

- The SIPROTEC "System Manual" provides information about the common features across the entire SIPROTEC 4 range. This is a useful reference document.
- The Product Specific manual, e.g. 7SD610 Manual, refers to the specific hardware and protection functions of the specific relay variant.
- The Communication Manual, of which there are versions for each of the different Protocols supported, and also different versions for different SIPROTEC relays, gives the specific DNP mapping/protocol information.

All three manuals contain different information about DNP mapping.