

A routine to provide a quick-look at Argos hexadecimal output

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The link below gives access to a file called argos_viewer.zip. To install it simply download the zip file into a directory and unzip it. There is no installation routine. The program is written in Visual Basic and so runs on a PC only. To run the program simply create a short cut to the executable routine Argos.exe.

The purpose is to give a quick look at a profile after the user has a hexadecimal download through Service Argos. Typically the user will have connected to Service Argos using telnet or whatever, verified that the float of interest is reporting data with an instruction like:-

prv,2442,ds,219/00,29855

highlight the hexadecimal output that results and copy into clipboard using ctrl-c or whatever your telnet utility supports. Then after starting Argos.exe, click in the bin to receive data and do a ctrl-v to paste the data into the utility, then tell it to go.

The routine operates on two versions of the APEX format and the most recent PROVOR/Metocean transmission format. If the download doesn't work, you may have the wrong version of the transmission format.

Output includes a summary of the number of messages received in the hexadecimal dump, listed by message-number, and a list of latitudes and longitudes with the Argos quality flag attached. Having converted the hexadecimal dump to a profile the profile can be listed or plotted.

There will probably be a new release soon allowing de-spiking to be turned on or off, and we may add the ability to examine hexadecimal dumps from deleted files.

[Click here to download argos_viewer.zip](#)