



# Geophysical Survey Systems, Inc.

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**DATE:** 21 May 2002  
**TO:** Distribution  
**FROM:** Scott Ratté  
**RE:** Problems with Data Transfer

GSSI offers free downloadable software utilities on our website.

The most utilized of these is the **SIR2FTR**, **SIR10FTR** and **DATA TRANSFER UTILITY**.

The **SIR2FTR** & **SIR10FTR** utilities are DOS programs. They will work with a computer when booted into the DOS operating system. This program works best with Windows 95 and 98 computers which have booted into DOS and should not be run from a DOS window within the Windows operating system.

The **DATA TRANSFER UTILITY** has been tested and found to work with Windows 95, 98, NT, 2000, and XP.

To solve common problems with the **DATA TRANSFER UTILITY**:

- First, check the obvious. Make sure the data transfer cable is attached securely to the computer and SIR unit. Be sure you are following the proper transfer instructions as stated in your radar system operation manual. See below if you need a manual.
- Restart the computer after installing the **DATA TRANSFER UTILITY**.
- Check the parallel port setting in the computer BIOS setup. For most computers “*EPP*” works best. Some Windows 2000 and XP computers were found to operate better when set to “*ECP*” mode. To enter your CPU BOIS, watch for the hotkey at the beginning of your computer boot up or consult the operation manual for your computer motherboard.
- Check the taskbar for any programs that are running which may interfere with the parallel port. Especially for any printer drivers that may be polling the port.
- Be sure you are using a GSSI data transfer cable. This cable is supplied with every system. It is not a standard parallel cable. It is designed for two way communication and will have a warning label at each end indicating that the cable needs to be connected to a bi-directional parallel port.
- If these steps fail, attempt the data transfer on another computer. You may have a problem with the parallel port on you computer, SIR unit, or a faulty data transfer cable.
- In rare cases, some parallel ports have been found to be incompatible with the **DATA TRANSFER UTILITY**. In this case a second parallel port should be purchased and installed in the computer.

If there are any problems downloading the utilities from the website or if an operation manual in PDF format is needed, you can request the software or manual free of charge by sending an email message to the GSSI Field Service Manager at [scott@geophysical.com](mailto:scott@geophysical.com)