Transferring Files to and from the Glider

Commands for transferring files are named from the perspective of the glider. The

send command sends data files from the glider. The zr (receive) command allows

the glider to receive files. If FreeWave and Iridium connections are both present,

files are sent over FreeWave. **A pilot should never use the \*.\* wildcard when**

**FreeWave communication is not present.**

Transferring Files from the Glider

While in GliderDOS, to send only data files from the glider to the Dockserver or a

computer running a terminal emulator, the command is send. The send \*.\* command

sends the 30 most recent data files (of type .sbd, .mbd, .dbd, .mlg, .tbd, .nbd, .ebd,

.nlg, and sys.log). The send command can also be used to send specific data files

or files with specific extensions. For example, send 12345678.ebd will send the file

named 12345678.ebd, and send \*.nlg will send the 30 most recent .nlg files from the

glider.

During a mission, the s command is used in place of the send command. The syntax

of these two commands is identical; during a mission, s 12345678.ebd will send the

file 12345678.ebd from the glider.

In order to send non-data files from the glider while in GliderDOS the zs command

is used instead of the send command, and during a mission the command is prepended

by an exclamation point (referred to as a “bang”. For example, to send the

autoexec.mi file from a glider in GliderDOS, you would type zs \config\autoexec.mi;

to send the longterm.sta file from the glider during a mission, you would type !zs

\state\longterm.sta.

**Transferring files when field crew is present and FreeWave is active**

To avoid transferring everything to the field crew’s laptop, the control room operator must use the **send –f=irid –num=x \*.sbd** command for sbd files. Typically, x is 1 as this sends the most recent sbd file. To send science files the control room operator must first execute a **consci**, wait for the science computer to respond and then type **send –f=irid –num=x \*.tbd** with x again typically set to 1. Executing this command will send the latest tbd file. To return to GliderDos the control room operator should execute the **quit** command. This will exit Science and return the operator to GliderDos.

Transferring Files to the Glider

Sending files to the glider requires the use of either the zr or dockzr command. While

the glider is in GliderDOS, pilots operating via a terminal emulator will use the zr

command and pilots operating via Dockserver will use the dockzr command. During

a mission, an exclamation point (referred to as a “bang”) is prepended to the

command. Pilots using the zr command from a terminal emulator are required to

include the file path and filename. For example, while in a mission a pilot using a

terminal emulator would type !zr <path>\<filename> to send files to the glider. **With**

**the glider in GliderDOS, a pilot using Dockserver would type dockzr autoexec.mi to**

**send a new autoexec.mi file to the glider.** When using Dockserver, the desired file

or files must be in the glider’s directory on the Dockserver. It is not necessary to

specify the target file path when using this command because the glider will sort the

files into their respective directories automatically.