**Download and Copy Procedures for AGAP Mission Data (Laser and GPS)**

**General Rules:**

**Do not delete raw data from the device used to make the copy In Purgatory.** When discs are full, they will be archived using the DVD burner, only then can the discs be altered. If disc memory is getting low, notify the operator.

**Do not create any sub-directories.** i.e. when copying data from a USB device, that data will likely be in a folder on the USB device. When copying to Purgatory, the contents within the folder should be copied without copying the folder itself.

**Scanning Requirements**

The following items will be scanned and saved to the folder for the appropriate flight:

1.) Operator’s Flight Log

2.) Pilot’s Flight Log

3.) GPS Base station Log

4.) Magnetic Base Station Log

Each Log will be saved in a **separate pdf file.** Once scanned, these documents are to be 3-hole punched and placed in the appropriate 3 ring binder.

The file naming convention is:

F02\_GPS\_BASE\_LOG\_FLOWN\_AGAP

**Log documents from a flight will be scanned and archived even if the flight is cancelled.** These pdf documents are saved with “cancel” as part of the filename, i.e

F02\_GPS\_BASE\_LOG\_CANCEL\_AGAP

If you are confused as to what a name should be, please refer some further examples in the archived McMurdo Data by following the Desktop shortcut. Please don’t make it up.

**Copying Requirements**

Purgatory is the QC system for laser, magnetic and GPS data.

GPS and laser data should be brought to the lab by the operator after each flight.

**GPS Data**

Check the flight log for the name of the flash card on which data for that flight is stored.

Insert the card into the Card reader, following the direction indicated by the arrows on the card.

Data is stored in the DBX directory. Copy everything with the appropriate name (i.e. for when downloading data for SJB2, you would copy everything that begins with C-SJB2-F03…..).

DO NOT WIPE THE FLASHCARD. Check the available memory on the card. If it is getting low, notify the operator).

Flash cards mount as 4 drives. To eject, use the ‘Safely Remove Hardware’ option as you would with any USB device.

**LASER Data**

Laser files come back to the lab on a USB key labeled “LIDAR Memory Stick”.

Laser files will be named following the convention: F01\_LASER\_MCM

Copy all .2dd and status files to the LASER folder for the day’s flight. If there are multiple system start ups for the flight (for example, if a flight is cancelled or delayed for weather), the status file will have to be renamed for the second start-up of the flight. Use a lowercase ‘a’ for the first additional file. Use ‘b’, and ‘c’ as/if needed. \*Do not create subdirectories for additional restarts.