

checklist HDDs replace

Created Tuesday 16 February 2016

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For Fieldwork - commandline version

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Site check & HDDs replace

Note: in case when any diagnostics/troubleshooting needed, refer to the checklist for camera box replace.

Date:

Site location:

Camera :

Status on site:

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- check camera (functional, lens dirty?)
- check the outer plastic blower dusting
- swap HDDs - note whether eg only data1 or all
- label drives removed from camera system (location name, camera hostname, data)
- format HDDs (can be done remotely by a "friend on a phone")

power on HDDs: `python /opt/dfn-software/enable_ext-hd.py`

`cd /root/bin`

dfnext camera:

probe: `./dfn_setup_data_hdds.sh -p`

- format: `./dfn_setup_data_hdds.sh /dev/sdb data1 /dev/sdc data2 /dev/sdd data3`

dfnsmall camera:

- Silver Orico enclosure: `setup_usb_hdds_jmicron.sh`

OR

- open Astone enclosure: `setup_usb_hdds.sh`

dfnkit camera:

- `setup_data_hdd_kit.sh`

- power off HDDs: `python /opt/dfn-software/disable_ext-hd.py`

- execute interval control test

`/opt/dfn-software/interval_control_test.sh`, check `*log_interval.txt` in `/data0/latest_prev` for Errors/Warnings and that some ~3-5 NEFs were taken

- OK

- clean lenses

- apply nanokote on lenses

- solar powered system: check battery voltage, test battery with battery analyser (<https://www.altronics.com.au/p/q2120-digital-battery-analyser/>)

Battery type:

Battery voltage/internal resistance:

- take a photo of anything remarkable