

Arrival Date and Time: _____ GMT/LT

Departure Time: _____ GMT/LT

Site Name: _____ Site Code: _____ Network Code: _____

Servicing Team: _____

Latitude (WGS84): _____ Longitude: _____ Altitude: _____

(UTM, _____ co-ordinates: _____) Weather: _____

Battery Types: _____ Battery Voltage: _____ Charging: Solar / Mains

DCM serial No.: _____ Sensor serial No.: _____ GPS serial No.: _____

Outgoing disk serial No.: _____ Ingoing disk serial No.: _____ DCM I.P. address: _____

Arrival comments: Any sign of vandalism? Any sign of water penetration or cable damage? Has the vegetation/snow/sand hidden the solar panels? etc:

Confirm green status buttons:Return to *Summary/System status* and verify the following buttons are green:GCF in: Port A or B GCF out: Data Out Scream server Default data transport daemon System gdi-link transmitter GCF compressor Disk recording GEFLE-XXXX Removable disk Linux system *If any of these buttons are red refer to the SEIS-UK manual.***DCM Checks:** *In a browser go to the I.P. address of the DCM and login as root.***System status/GCF in: Port A/B (button):** Total number of blocks received: _____ – _____ %**System status/Linux system (button):** System uptime: _____**System status/Disk Recording (button):** Last flush completed at: _____**System status/Removable disk (button):**

| | Mounted | Size (GiB) | Free Space (GiB) | Latest data file |
|-----------------------|--------------------------------|------------|------------------|------------------|
| Removable Disk | False <input type="checkbox"/> | | | |

Verify the DCM timing is synchronised to the GCF data: Check the current GMT time is reported as the “Generated at” time stamp at the foot of the main frame in the web browser. If not, then refer to the SEIS-UK field manual appendix (Complete DCM setup procedure).

Sensor checks: *Go to the link **Configuration/Instruments/Port A/B instrument***System ID: GEFLE? Serial number: _____ Software version: _____Sensor type: _____ Timing source: _____ GPS cycling: _____ Mass centre: 3TD:50%/40TD:90%

Decimator outputs (Tap#/SPS/Cont. ZNE): _____

Auxiliary channels: M8 M9 MA ME Data flow/Transmission mode: direct? Ports/Baud rate: Data out: 9600? ; GPS: 4800? *Note: Ignore Miscellaneous features**Any changes to sample rate? If so, new settings : Decimator outputs (Tap#/SPS/Cont.): _____**(Note: If any changes are made, click “Submit changes & Reboot digitiser”)**To check the mass positions: **System status/GEFLE-XXXX button:** Z _____ % N _____ % E _____ %**If any of the mass positions are >10% then: **Control/Instruments/Port A/B - Centre masses****Mass positions >70% indicate a problem. Try unlocking: **Control/Instruments/Port A/B - Unlock masses***

To perform a stomp test: *Launch Scream; Right-click on Network and select Configure; Right click on the “My Clients - Servers” box and add the IP address of this DCM as a UDP server; right-click this IP address and select GCFSEND:B. This system will then appear as an icon in Scream and the velocity channels can be monitored.*

PTO

GPS Information: Return to *Summary/System status* and select the **GEFLE-XXXX** button

Note the most recent GPS data: Date: _____ Time: _____

GPS o/s= _____ drift= _____ pwm= _____ Also, if available: Lat: _____ Long: _____

DO NOT LEAVE UNTIL YOU HAVE SEEN o/s AND drift VALUES.

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Outgoing Disk Check: Tools/Removable disk: Click on **Flush to disk** (takes around 4mins). Once the process verifies successful completion return to the **System status** page and select the **Removable disk** button:

| | Mounted | Size (GiB) | Free Space (GiB) | Latest data file |
|-----------------------|--------------------------------|------------|------------------|------------------|
| Removable Disk | False <input type="checkbox"/> | | | |

Once the DCM has finished writing to the disk it will be unmounted and reported as *Mounted:False*

Disk Swap: Remove the old disk and firmly insert the new disk. Ingoing disk serial No.: _____

Ingoing Disk Check: Tools/Removable disk: Click on **Flush to disk** (takes around 4mins). Once the process verifies successful completion return to the **System status** page and select the **Removable disk** button:

| | Mounted | Size (GiB) | Free Space (GiB) | Latest data file |
|-----------------------|--------------------------------|------------|------------------|------------------|
| Removable Disk | False <input type="checkbox"/> | | | |

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Final Checks:

GPS o/s and drift recorded? Masses checked? Solar panels clean?

Battery and DCM properly covered and secured again? Disk swap or data download?

Any cable damage? _____

Any sign of water penetration? _____

Security adequate? _____

Battery ok or was it changed? _____

Any other changes made? _____

Any further comments?