

Arrival Date and Time: _____ GMT/LT
Departure Time: _____ GMT/LT

SEIS-UK Taurus and CMG-3T Deployment Sheet

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

Deployment Team: _____

Latitude (WGS84): _____ Longitude: _____ Altitude: _____
(UTM, _____ co-ordinates: _____)

Distance to road and road type: _____ Distance to power cables: _____

Distance to trees/running water: _____ Distance to buildings: _____

Land use: _____ Sensor burial material: _____

Soil description: _____ Weather: _____

Any other noise sources? _____

(DRAW DETAILED SITE LOCATION AND LAYOUT DIAGRAMS BELOW)

Taurus serial No.: _____ CF card serial No.: _____ GPS serial No.: _____

Sensor serial No.: _____ Alignment: Grid N / Mag. N (Declination _____)

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

If solar: Regulator serial: _____ Solar panel barcodes: _____

Sensor levelled and feet locked (prior to powering)? _____

CMG-3T and Taurus Checks

If using solar panels: Connect the battery to the regulator and then the solar panels. Connect the GPS and sensor to the Taurus. Then connect the Taurus to the regulator. If using mains power: Connect the charger to the battery. Connect the GPS and sensor to the Taurus and then power it up. The Taurus should boot up - be patient this may take a few minutes. Once the Taurus LEDs are green, press and hold the centre button for a few seconds to start the GUI. If the LEDs do not go green after a few minutes, press and hold the centre button anyway - the GPS time may be bad which will give a red or orange status light. Again, be patient. Check and note the following:

Status screen: Mode: _____ Store Time Left: _____ Store Size: _____

IP Address: _____ Time: _____ Voltage: _____ Power: _____

Following the Status OK link: Store Recording Door Closed Time OK Sensor Power
 Firmware OK Control Lines Power: OK? Config: Committed?

Ensure all the status boxes are green. Follow the links to verify configuration.

Sensor screen: Mass voltages: _____ Sensor Power _____

Unlock Center (if nec.) Mass Voltages: _____

If the unlock command doesn't do anything: 1) login as 'tech', password, 'tech'. 2) go to the Configuration page. 3) Select 'Sensor Library' then the text 'seisuk CMG-3T' and then 'Auto Mass Centring'. 4) Make sure that the red threshold is 10V and that the 'auto-center on red' box is unchecked, yellow threshold is 4V and the 'auto-centre on yellow' box is checked - if not change these. 5) 'Apply', then 'Commit' - wait for confirmation. 7) Go back to the sensor page and try 'Unlock' again. Monitor the masses for a while to make sure they are stable and do a 'stomp' test to check response.

Further comments on unlocking success or procedure required:

Timing screen: Report Time: _____ PLL State: _____
Uncertainty: _____ Time Error: _____ DAC Count: _____
Status: _____ Satellites Used: _____ PDOP: _____ TDOP: _____
Location: _____

If the gps lock is bad, check the 'GPS Map' and see if satellites in any one direction are worse. If so, try to reposition the antenna to improve sky visibility.

Comments on GPS state:

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Data Availability: Data available for today? Any other data on disk? If so, for when?

If the CF card has not recently been cleared then the user must log in as tech, proceed to the 'Store Tools' and select 'Delete Store' then 'Destroy and Recreate Store' with the store size set to 'Full'. This takes a few seconds. Make sure this page refers to the Compact Flash. All existing data on the CF card will be lost. When you return to the status page a store of around 20MB of 13GB will exist.

Final Checks:

Bag around battery? Cables secured and sketched?

Contact name: _____

Contact Address: _____

Telephone: _____ Email: _____

Any further comments and site plans should be given here or overleaf.