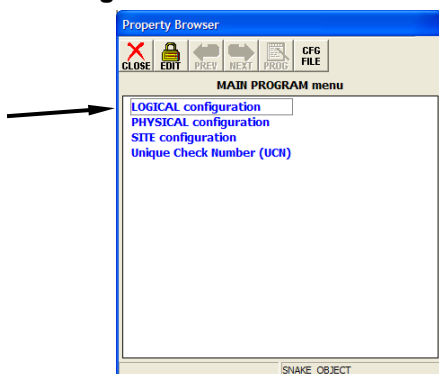# SIEMENS

QUICK REFERENCE GUIDE
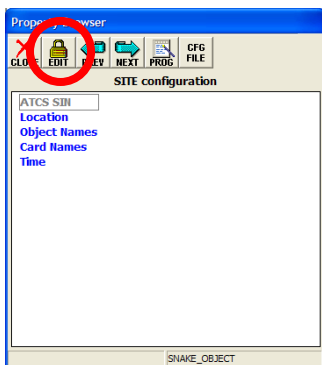## GEO CONFIGURATION AND FILE
OPERATIONS (PART 2)
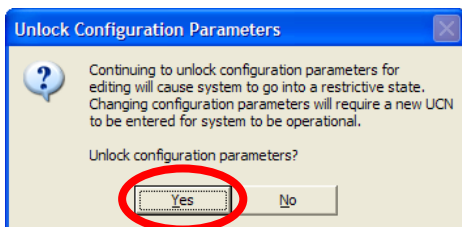**Document No. SIG-QG-08-04-002A.1**

GEO - Changing ATCS SIN Address on GEO

1) Click the **PROG** button on the DT main screen.

2) Select **LOGICAL configuration**.

3) The ATCS SIN function is grayed out.
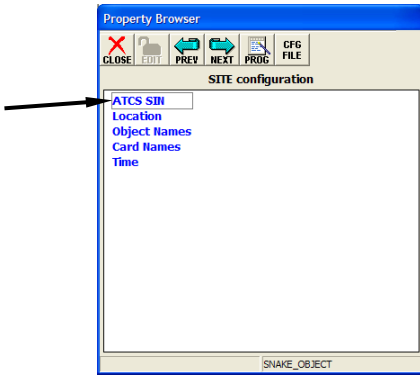
4) Click the **EDIT** (padlock) button.

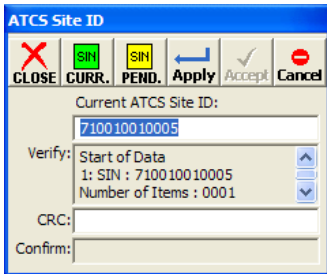5) Click the **Yes** button to unlock the configuration parameters.

Note: Changing any locked parameters will require a new UCN for system to be operational.
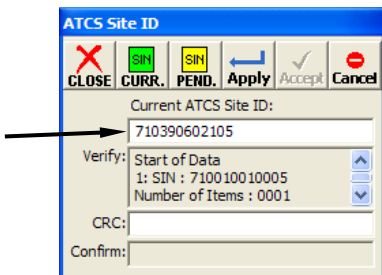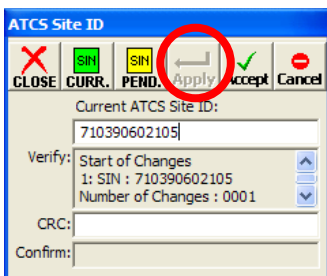
6) Now select the **ATCS SIN** option.

7) The ATCS Site ID screen should open showing the current ATCS address.
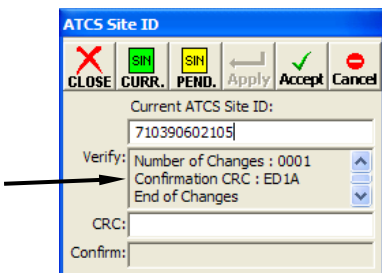

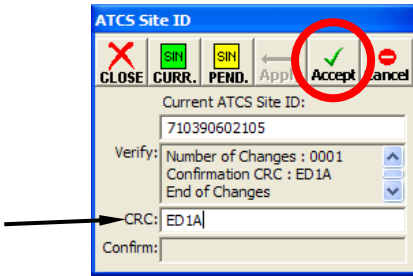8) Type in the new ATCS address.

9) Click on the **Apply** button. This will generate a new CRC number. This number is located near the end of the script in the 'Verify' window.
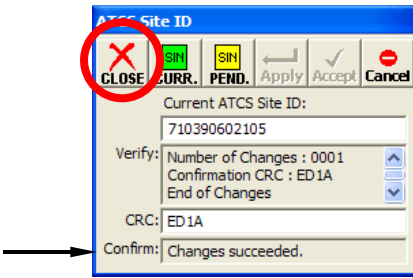

10) Use the scroll arrows to reveal the Confirmation CRC number.

11) Type the Confirmation CRC number in the CRC field and click on the **Accept** button.

12) When 'Changes succeeded' message appears, click the **CLOSE** button.

Setting Unique Check Number (UCN):

After changing the ATCS address, the appropriate UCN number that is provided by the office must be entered. After this, the GEO box should be rebooted and be recognized by the SEAR II.

> **NOTE**: The Unique Check Number process ensures that the maintainer is at the GEO location and is authorized to modify the GEO configuration. The new UCN is provided by the office.
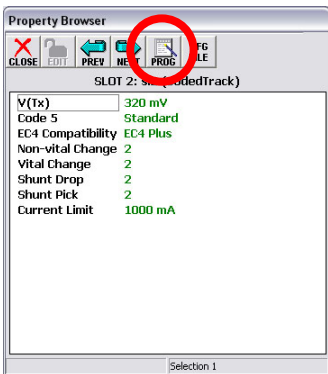
1. Click the **PROG** button (**PROG** button is available on the main display and on the Property Browser screen).
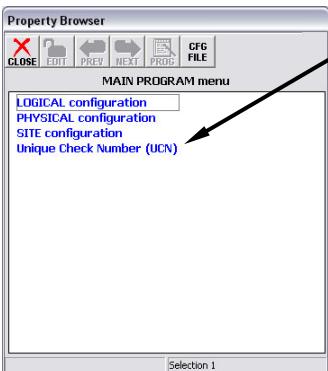
2. Select **Unique Check Number (UCN)**.

3

UCN

| CLOSE | SET | BOOT |

Set UCN to: 13426857

Press and Release the Select and Navigate push buttons on the CPU module in preparation for setting the UCN.

3. Enter the new 8-digit UCN (UCN is not case sensitive).

4. Simultaneously press **NAV** and **SEL** push buttons on CPU module.
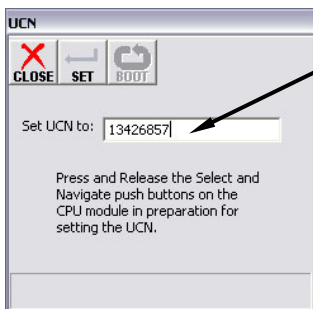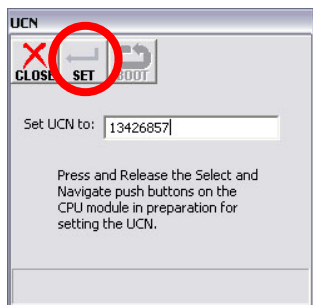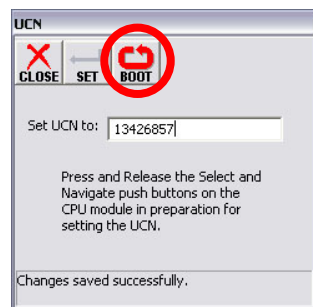
UCN

| CLOSE | SET | BOOT |

Set UCN to: 13426857

Press and Release the Select and Navigate push buttons on the CPU module in preparation for setting the UCN.

5. Within 1 minute after pressing CPU module buttons, click **SET**.

UCN

| CLOSE | SET | BOOT |

Set UCN to: 13426857

Press and Release the Select and Navigate push buttons on the CPU module in preparation for setting the UCN.

Changes saved successfully.

6. When the UCN screen displays 'Changes saved successfully', click **BOOT** to restart GEO. If BOOT is not pressed, GEO will restart automatically in 5 minutes.

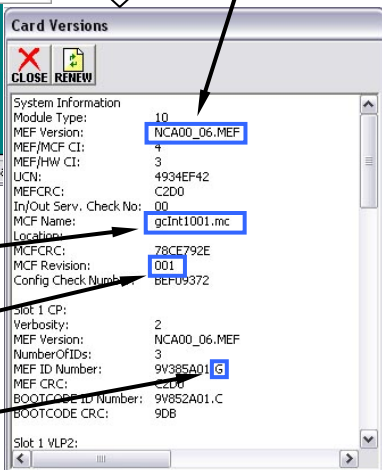## GEO - Viewing Software Information

- **MEF Version** This is the name of the Module Executable File installed on the module. In the example below, this is a CPU II+ module so the MEF is on the Central Processor.

- **MCF Name** This is the name of the Module Configuration File. It resides on the External Configuration Device (ECD) located on the GEO backplane.

- **MCF Revision** This is the MCF release level.

- **MEF Revision** The last letter of the **MEF ID Number** identifies the MEF release level.

    NOTE: GEO modules with different MCFs may have different firmware release levels for the MEFs. If you swap modules in a GEO and the new module has an older incompatible MEF, and MCI (Module Compatibility Index) error will result as the GEO boots to a non-operational state. Avoid compatibility problems by keeping MEF release levels on your spare modules as up to date as possible.
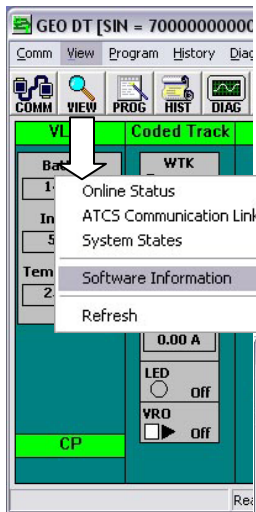
1. Click **VIEW** button or menu

2. Select **Software Information** to list all modules

MEF version on CP for CPU II+.

MCF Name

MCF Revision

MEF Revision

Card Versions

System Information
Module Type: 10
MEF Version: NCA00_06.MEF
MEF/MCF CI: 4
MEF/HW CI: 3
UCN: 4934EF42
MEFCRC: C2D0
In/Out Serv. Check No: 00
MCF Name: gcInt1001.mc
Location:
MCFCRC: 78CE792E
MCF Revision: 001
Config Check Number: 8EF09372

Slot 1 CP:
Verbosity: 2
MEF Version: NCA00_06.MEF
NumberOfIDs: 3
MEF ID Number: 9V385A01 G
MEF CRC: C2D0
BOOTCODE ID Number: 9V852A01.C
BOOTCODE CRC: 9DB

Slot 1 VLP2:

Online Status
ATCS Communication Links
System States
Software Information
Refresh

GEO - Downloading Logs from a GEO unit.

1) Connect a laptop/PC to the GEO CPU **DIAG (CP)** port using a serial cable.
2) Open the Siemens DT program.
3) Click the **HIST** button on the DT display. The History drop down menu is displayed.
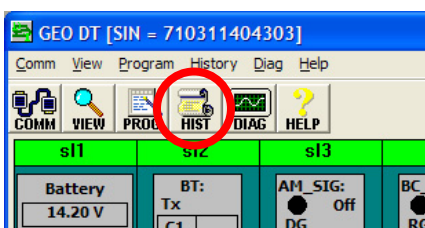
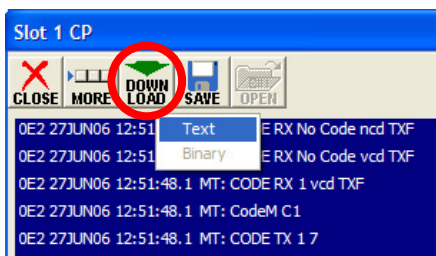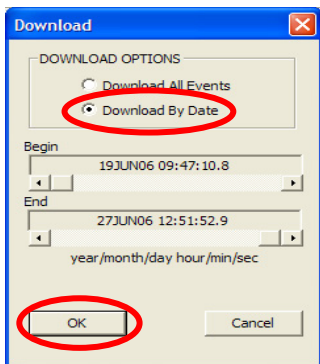4) Click **Status Log** on the menu. A listing of the CP Status Log is displayed.

Maintenance Log
Status Log
Summary Log
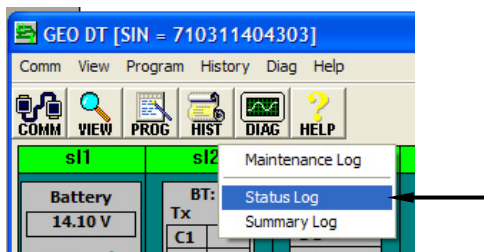
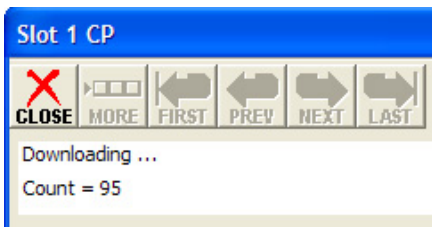5) Click the **MORE** button until the **DOWNLOAD** button is displayed.
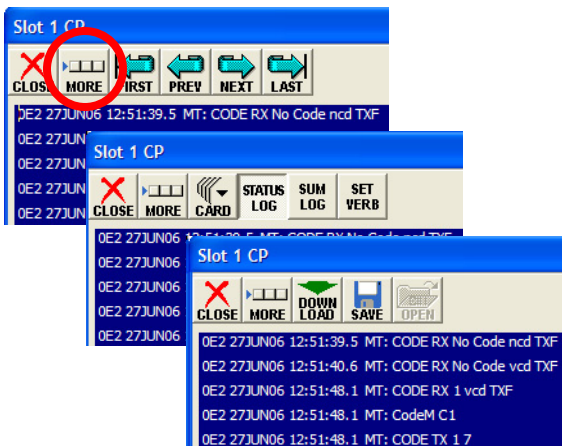
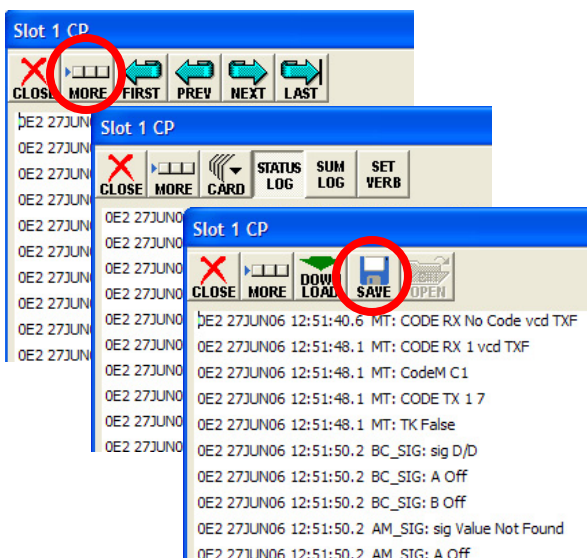6) Click the **DOWNLOAD** button and then click **Text** on the menu.
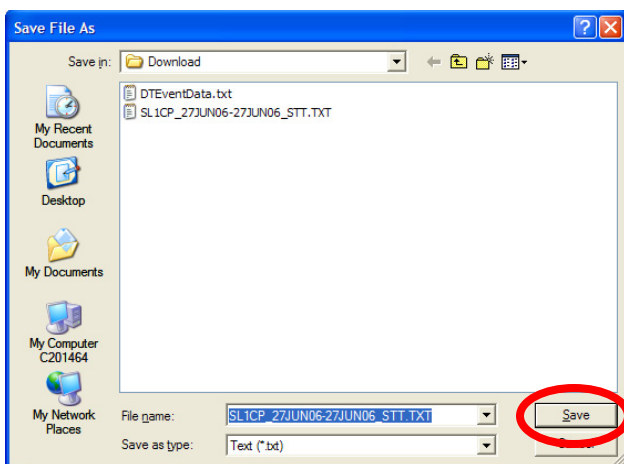

7) Select **Download By Date** on the Download screen.

8) Select the start time and end time using the slider on the scroll bars (note: the scroll arrows don't work). Click the **OK** button, the following screen appears:

9) Click the **MORE** button twice to display the **SAVE** button. Click the **SAVE** button.

10) Use the default name or rename the file. Click **Save** (remember where the file is saved).

11) The log is saved

> **NOTE:** Logs for other modules in the GEO case can also be downloaded. Use the **MORE** button as described in step 5 above until the **CARD** button is displayed. Click the **CARD** button to display a list of the modules in the GEO case. Select a module from the list and then proceed with the download process as described above.

GEO – Saving Configuration Reports

After a site goes in service, configuration reports can be saved that contain all of the system configuration settings and MEF versions of everything that is installed. This is done once per GEO, and should be sent to the design office for archiving.

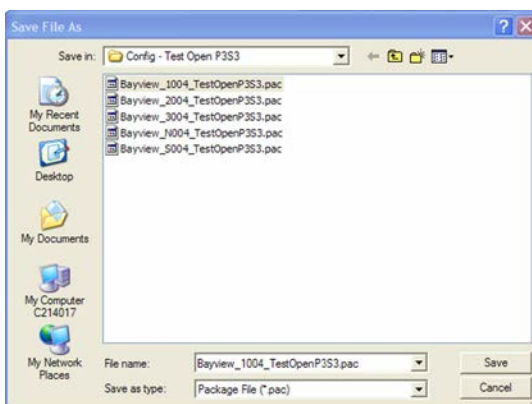1) Open DT and connect to the desired GEO box.

2) Click the **PROG** button.
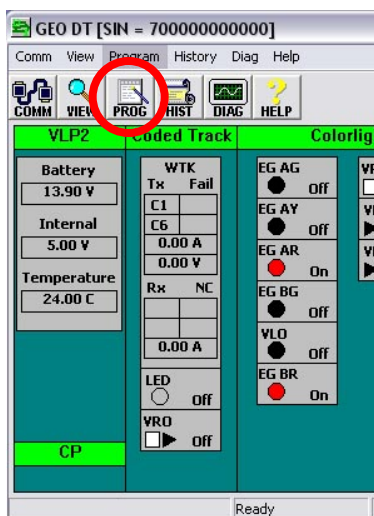
3) Click the **CFG FILE** button, then select **Save to File** from menu.
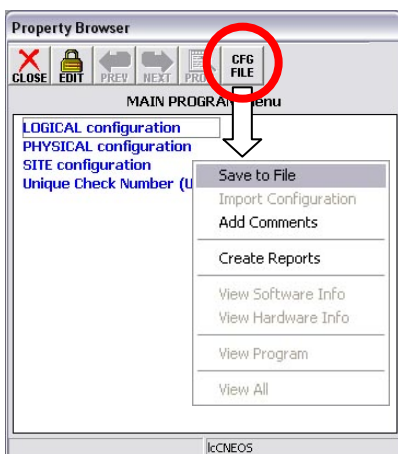
4) Type in a meaningful file name in a format similar to the following:

   Location_GEO00X_InService.pac

where X is the revision of the software MCF loaded.

5) Click the **Save** button.