

#### 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.

Property Browser
MAIN PROGRAM menu
 LOGICAL configuration PHYSICAL configuration
Unique Check Number (UCN)
L
SNAKE_OBJECT

- 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.



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



8) Type in the new ATCS address.



 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.



JCN				
Set UCN to: 13426857				
Press and Release the Select and Navigate push buttons on the CPU module in preparation for setting the UCN.				
Set UCN to: 13426857				
Press and Release the Select and Navigate push buttons on the CPU module in preparation for setting the UCN.				
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.				

- 3. Enter the new 8-digit UCN (UCN is not case sensitive).
- Simultaneously press NAV and SEL push buttons on CPU module.
- Within 1 minute after pressing CPU module buttons, click SET.
- 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.

GEO DT [SIN = 70000000000 Comm View Program History Diag	<ol> <li>Click VIEW button or menu</li> <li>Soloct Software</li> </ol>
VL Coded Track Ba WTK Online Status In ATCS Communication Link System States Tem Software Information	MEF version on CP for CPU II+
Refresh	
CP CP CP CP CP CP CP CP CP CP CP CP CP C	Module Type:         10           MEF/MCP-CI:         7           MEF/MCP-CI:         7           MEF/MCP:         2020           I/OLU:         4934EF42           UCN:         4934EF42           INFCRC:         C2D0           In/OCK Serv. Check No: 00         0
MCF Name	Location         78CE792E           MCFRC:         78CE792E           MCF Revision:         001           Config Check Numb         BEF09372
MCF Revision	Stoft 1 CP:         2           Verbosty:         2           MEF Version:         NCA00_06.MEF           NumberOfDDs:         3           MEF ID Number:         9V385A01           MEF CRC:         200           BOOTCOPE-tor Number:         9V852A01.C           BOOTCOPE-tor Number:         90B
	Slot 1 VLP2:

# 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.

🚔 GEO DT [SIN = 710311404303]					
<u>Comm View Pro</u>	ogram History [	<u>D</u> iag <u>H</u> elp			
sl1 srz sl3					
Battery 14.20 V	BT: Tx	AM_SIG: Off DG	BC RG		

4) Click **Status Log** on the menu. A listing of the CP Status Log is displayed.

🔄 GEO DT [SIN = 710311404303]				
Comm View Pro	ogram History Diag Help			
COMM VIEW PROG HIST DIAG +ELP				
sl1 sl2 Maintenance Log				
Battery 14.10 V	BT: Status Log Tx Summary Log			

5) Click the **MORE** button until the **DOWNLOAD** button is displayed.

Slot 1 CD						
DE2 27JUN	06 12:51:39.5 N	IT: CODE RX No Code ncd TXF				
0E2 27JUN 0E2 27JUN	Slot 1 CP					
0E2 27JUN 0E2 27JUN		CARD LOG SUM SET				
	0E2 27JUN06 0E2 27JUN06	Slot 1 CP				
	0E2 27JUN06 0E2 27JUN06					
	0E2 27JUN06	0E2 27JUN06 12:51:39.5 MT: CODE RX No Code ncd TXF 0E2 27JUN06 12:51:40.6 MT: CODE RX No Code vcd TXF				
		0E2 27JUN06 12:51:48.1 MT: CODE RX 1 vcd TXF 0E2 27JUN06 12:51:48.1 MT: CodeM C1				
		0E2 27JUN06 12:51:48.1 MT: CODE TX 1 7				

6) Click the **DOWNLOAD** button and then click **Text** on the menu.

Slot 1 CP					
0E2 27JUN06 12:51	Text	E RX No Code ncd TXF			
0E2 27JUN06 12:51 Binary E RX No Code vcd TXF					
0E2 27JUN06 12:51:48.1 MT: CODE RX 1 vcd TXF					
0E2 27JUN06 12:51:48.1 MT: CodeM C1					
0E2 27JUN06 12:51:	48.1 MT: CO	DE TX 17			

7) Select Download By Date on the Download screen.

Download 🛛 🔀
DOWNLOAD OPTIONS
C Download All Events
Ownload By Date
Begin
19JUN06 09:47:10.8
End
27JUN06 12:51:52.9
<u>·</u>
year/month/day hour/min/sec
OK Cancel

 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:

Slot 1 CP
CLOSE MORE FIRST PREV NEXT LAST
Downloading
Count = 95

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

Slot 1 CP				
	E FIRST P			
ÞE2 27JUN	Slot 1 CP			
0E2 27JUN				
0E2 27JUN		□ U(( ▼ STATUS SUM SET E CARD LOG LOG VERB		
0E2 27JUN	GLUSE MUR			
0E2 27JUN	0E2 27JUN0	Slot 1 CP		
0E2 27JUN	0E2 27JUN0			
0E2 27JUN	0E2 27JUN0			
0E2 27JUN	0E2 27JUN0	CLUSE MORE LUADI SAVE OPEN		
0E2 27JUN	0E2 27JUN0	DE2 27JUN06 12:51:40.6 MT: CODE RX No Code vcd TXF		
0E2 27JUN	0E2 27JUN0	0E2 27JUN06 12:51:48.1 MT: CODE RX 1 vcd TXF		
	0E2 27JUN0	0E2 27JUN06 12:51:48.1 MT: CodeM C1		
	0E2 27JUN0	0E2 27JUN06 12:51:48.1 MT: CODE TX 1 7		
	0E2 27JUN0	0E2 27JUN06 12:51:48.1 MT: TK False		
	0E2 27JUN0	0E2 27JUN06 12:51:50.2 BC_SIG: sig D/D		
		0E2 27JUN06 12:51:50.2 BC_SIG: A Off		
		0E2 27JUN06 12:51:50.2 BC_SIG: B Off		
0E2 27JUN06 12:51:50.2 AM_SIG: sig Value Not Found				
		0E2 27JUN06 12:51:50.2 AM SIG: A Off		

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.



 Click the CFG FILE button, then select Save to File from menu.

Property Browser				
	CFG FILE			
MAIN PROD	iRAn jenu			
LOGICAL configuration PHYSICAL configuration				
SITE configuration	Save to File			
onique oneck number (d =	Import Configuration			
	Add Comments Create Reports			
	View Software Info			
	View Hardware Info			
	View Program			
	View All			
	Lauran			
	ICUNEUS			

 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.

Save File As					? ×
Save in:	Config - Ter	st Open P3S3	•	+ 🗈 💣 📰 •	
My Recent Documents Desktop	Bayview_10 Bayview_20 Bayview_30 Bayview_N0 Bayview_50	04_TestOpenP353.pac 04_TestOpenP353.pac 04_TestOpenP353.pac 04_TestOpenP353.pac 04_TestOpenP353.pac			
My Documents					
C214017					
My Network Places	File name:	Bayview_1004_TestOpenP35	53.pac		Save
	Save as type:	Package File (* pac)			Cancel

5) Click the Save button.