



## CHMC PST(Lab) User Guide

# CHMC PST(Lab) User Guide





## CHMC PST(Lab) User Guide

### 1. System Requirements

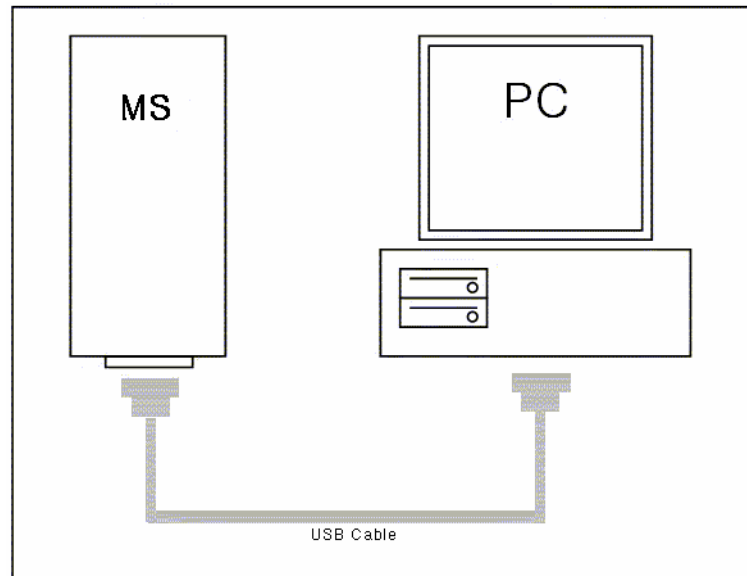
#### - Minimum requirements

CPU	:	Pentium III or higher processor
RAM	:	256MByte or greater
Operating System	:	Windows 2000 / XP
Devices	:	Level Translator, Phone, USB data cable
Resolution	:	1024 * 768
Serial Communications	:	USB (COM 1-255)

#### - Recommended Requirements

CPU	:	Pentium IV 2GHz or over
RAM	:	512MByte or greater
Operating System	:	Windows XP
Devices	:	Level Translator, Phone, USB data cable
Resolution	:	1024 * 768
Serial Communications	:	USB (COM 1-255)

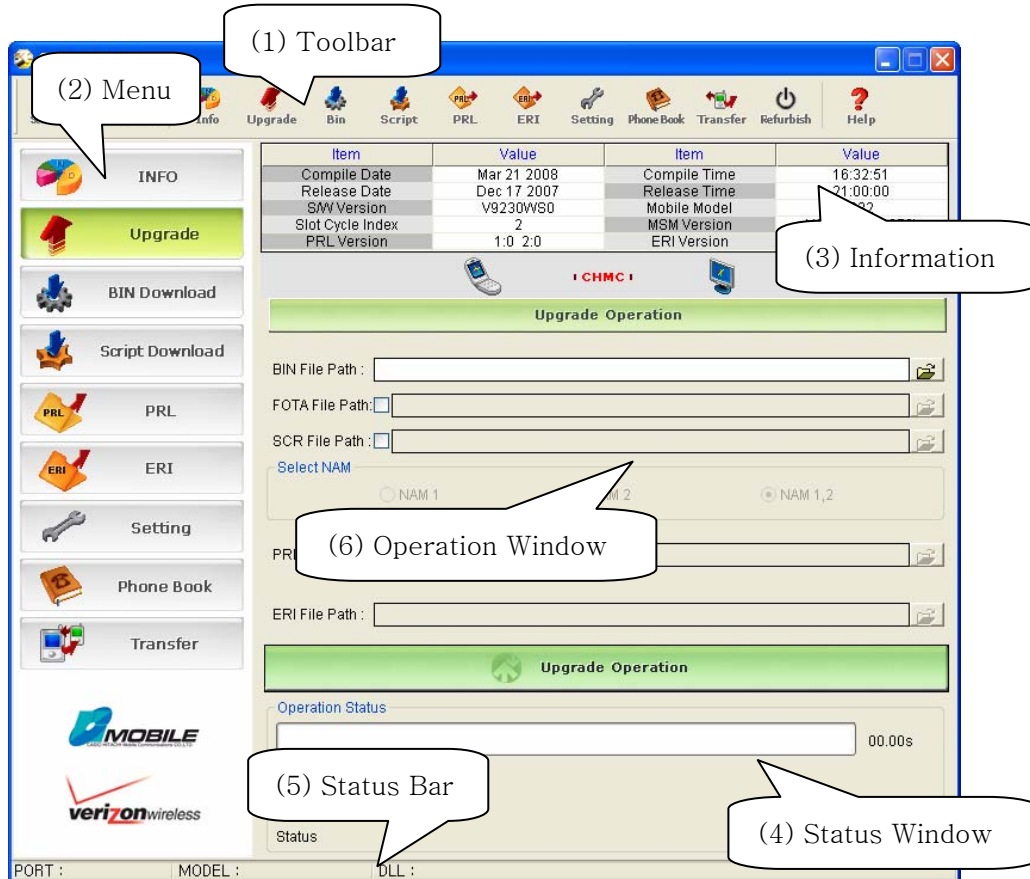
## 2. System Equipments





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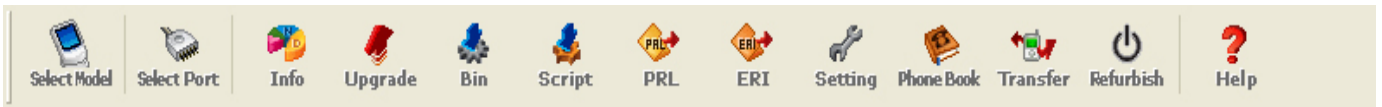
### 3. CHMC PST Main Window



This is the Main Window of the CHMC PST Program. The Program can be divided by 6 windows and each window works independently. (Except Toolbar and Menu. Toolbar and Menu have the same functionalities. )

- |                     |   |   |
|---------------------|---|---|
| 1. Toolbar          | : | toolbar with quick button               |
| 2. Menu             | : | identical as the toolbar                |
| 3. Information      | : | shows device's information              |
| 4. Status Window    | : | shows operation's status                |
| 5. Status Bar       | : | shows current connected device's status |
| 6. Operation Window | : | shows current software operation        |

### 3.1 Toolbar



#### (1) Select Model



This button shows Select Model window. This window has two operation mode.

- Manual detection mode
- Auto detection (default) mode

Model	DLL Version	Modified	Location
Model Name	x.x.x.x	YYYY-MM-DD HH:MM:SS	DLL Path


- Auto detection mode

CHMC PST Program will detect proper Model-DLL automatically without any user action. In General, User's configuration is not needed at all. PST will search its installation folder and find Model DLLs, connect to hardware automatically in this mode.

- Manual detection mode

You can manually select Model- DLL file. Select the DLL file and click the OK button.

Select Model Button in the toolbar will be changed like this.

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## (2) Select Port



This button shows Communication Port (COM Port) Setting window.

You can select only one Port at a time from any of the already connected (detected) ports. If you click the OK button without changing COM port, PST will close current port and re-open, re-connect to the device again

## (3) Info



This button shows Information window.

## (4) Upgrade



This button shows Upgrade window.

## (5) Bin



This button shows Bin Download window.



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### (6) Script



This button shows Script Download window.

### (7) PRL



This button shows PRL window.

### (8) ERI



This button shows ERI window.

### (9) Setting



This button shows Setting window.



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### (10) Phonebook



This button shows Phonebook window.

### (11) Transfer



This button shows Transfer window.

### (12) Refurbish




This button shows Refurbish window.

### (13) Help



This button shows Help file.



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### 3.2 Menu buttons



Menu buttons have the same functionalities as Toolbar buttons. Both works exactly the same.  
(Except, Toolbar has additional buttons like Select Model, Select Port, Refurbish, Help)



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### 3.3 Information window

Item	Value	Item	Value
Compile Date	Oct 31 2006	Compile Time	07:37:26
Release Date	Oct 31 2006	Release Time	07:37:26
SW Version	27.05 V9210A44	Mobile Model	222
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)
PRL Version	1:50575 2:65535	ERI Version	0

Information window shows current connected device's information. If devices are connected and verified, it shows full information in the list control and transfer icon will be changed like this.



As long as the device is connected, this icon will be continuously changed and repeated.

If devices are disconnected or having problems connecting to, items in the list control will not show any texts and transfer icon will be changed like this.



The transfer icon has another state which is appeared when Software operation is processed.

The icon will be changed like this.



### 3.4 Status window

Operation Status

00.00s

File Name  
Address  
Status

Status window shows current software operation's status on the screen. These status items are,

- Progress bar : shows current operation's percentage
- Elapsed time : shows current operation's elapsed time (unit: second)
- File Name : shows current operation's used files.
- Address : shows current operation's address number.
- Status : shows current operation's status

### 3.5 Status bar

PORT :	MODEL :	DLL :
--------	---------	-------

Status bar shows current connected COM Port, current phone model's name, Model DLL file.

PORT	:	This area shows the number of current connected COM Port.
MODEL	:	This area shows the model name of current connected phone.
DLL	:	This area shows current selected DLL file and its directory path.
		Following number with in braces are DLL's version number.
		(It is also shown in the Select Model window.)

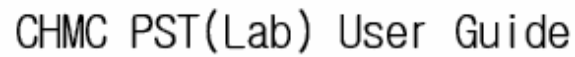
If not connected (disconnected), these 3 items will not be available.

### 3.6 Software window

### (1) Information window

[illegible]



Information window shows devices' additional information to the screen. It shows ESN, Digital MIN, Analog MIN, RF MODE, CDMA Channel, Code Channel, Active Sector PN, SID, NID, Locaid.










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### (3) Select Port





Item	Value	Item	Value
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Release Date	Oct 31 2006	Release Time	07:37:26
SW Version	27.05 V9210A44	Mobile Model	222
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)
PRL Version	1:50575 2:65535	ERI Version	0



Select Comport

Select COM PORT

☒ COM1

☐ COM2

☐ COM3

☒ COM4

☐ COM5

☐ COM6

☐ COM7

☐ COM8

☐ COM9

☐ COM10

☐ COM11

☐ COM12

☐ COM13

☐ COM14

☐ COM15

☐ COM16

☐ COM17

☐ COM18

☐ COM19

☐ COM20

☐ COM21

☐ COM22

☐ COM23

☐ COM24

☐ COM25

☐ COM26

☐ COM27

☐ COM28

☐ COM29

☐ COM30

☐ COM31

☐ COM32

☐ COM33

☐ COM34

☐ COM35

☐ COM36

☐ COM37

☐ COM38

☐ COM39

☐ COM40

☐ COM41

☐ COM42

☐ COM43

☐ COM44

☐ COM45

☐ COM46

☐ COM47

☐ COM48


☐ COM49

☐ COM50



Select Port Window will show current connected COM Port and system's available COM Ports. Current Port will be marked.

## (4) Upgrade window

<div>INFO</div> <div><b>Upgrade</b></div> <div>BIN Download</div> <div>Script Download</div> <div>PRL</div> <div>ERI</div> <div>Setting</div> <div>Phone Book</div> <div>Transfer</div>	<table border="1"> <thead> <tr> <th>Item</th> <th>Value</th> <th>Item</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Compile Date</td> <td>Mar 21 2008</td> <td>Compile Time</td> <td>16:32:51</td> </tr> <tr> <td>Release Date</td> <td>Dec 17 2007</td> <td>Release Time</td> <td>21:00:00</td> </tr> <tr> <td>SW Version</td> <td>V9230WS0</td> <td>Mobile Model</td> <td>232</td> </tr> <tr> <td>Slot Cycle Index</td> <td>2</td> <td>MSM Version</td> <td>MSM 2P (0x0070)</td> </tr> <tr> <td>PRL Version</td> <td>1:0 2:0</td> <td>ERI Version</td> <td>0</td> </tr> </tbody> </table>				Item	Value	Item	Value	Compile Date	Mar 21 2008	Compile Time	16:32:51	Release Date	Dec 17 2007	Release Time	21:00:00	SW Version	V9230WS0	Mobile Model	232	Slot Cycle Index	2	MSM Version	MSM 2P (0x0070)	PRL Version	1:0 2:0	ERI Version	0
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<div><b>Upgrade Operation</b></div>																												
<div> <div>BIN File Path :</div> <input type="text"/> </div> <div> <div>FOTA File Path:</div> <input type="text"/> </div> <div> <div>SCR File Path :</div> <input type="text"/> </div> <div> <div>Select NAM</div> <div> <input type="radio"/> NAM 1 <input type="radio"/> NAM 2 <input checked="" type="radio"/> NAM 1,2 </div> </div> <div> <div>PRL File Path :</div> <input type="text"/> </div> <div> <div>ERI File Path :</div> <input type="text"/> </div>																												
<div><b>Upgrade Operation</b></div>																												
<div> <div>Operation Status</div> <div> <input type="text"/> <div>00.00s</div> </div> <div>File Name</div> <div>Address</div> <div>Status</div> </div>																												

This window shows upgrade operation mode. Upgrade operation requires following binary files;

- Binary File (Bin File)
- SCR Download Enable or Disable
- SCR (Script) File





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### - Upgrade operation Procedures

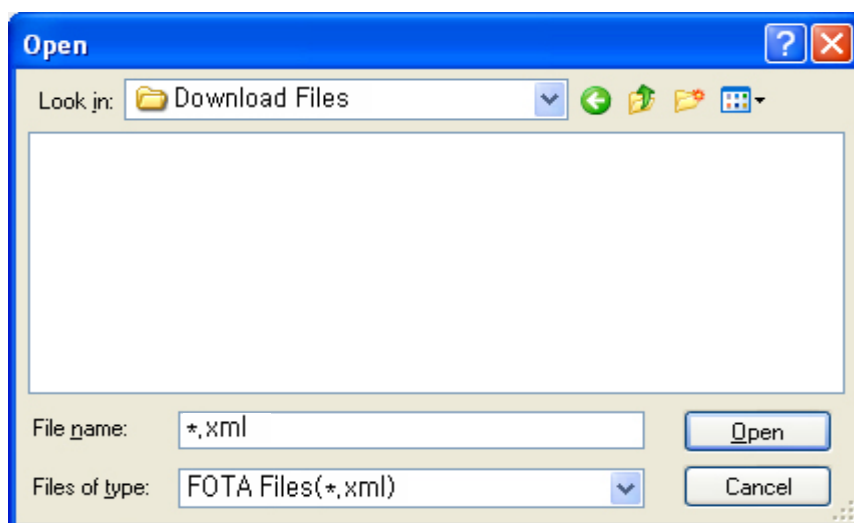
1. Select Upgrade menu button.



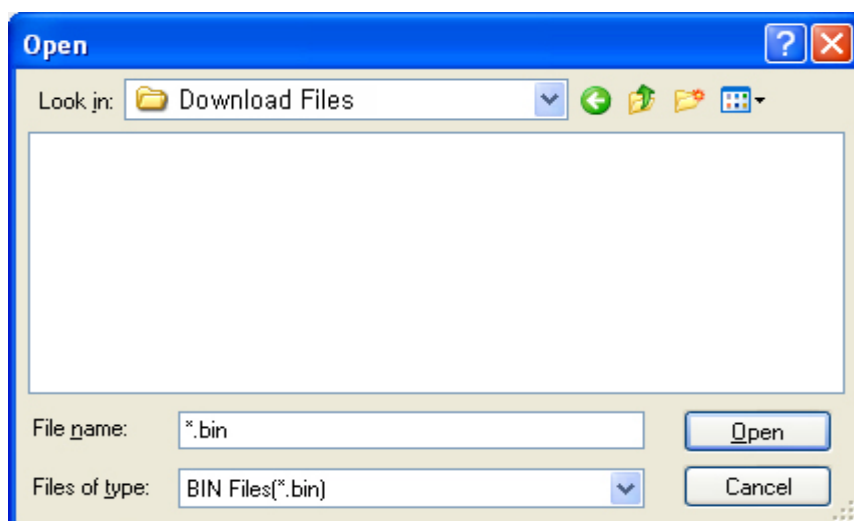
## 2. Check button FOTA File Enable / Disable

FOTA File Path: ☒  

- Enable : FOTA Differ package download mode
  - A. FOTA File by clicking the folder icon.



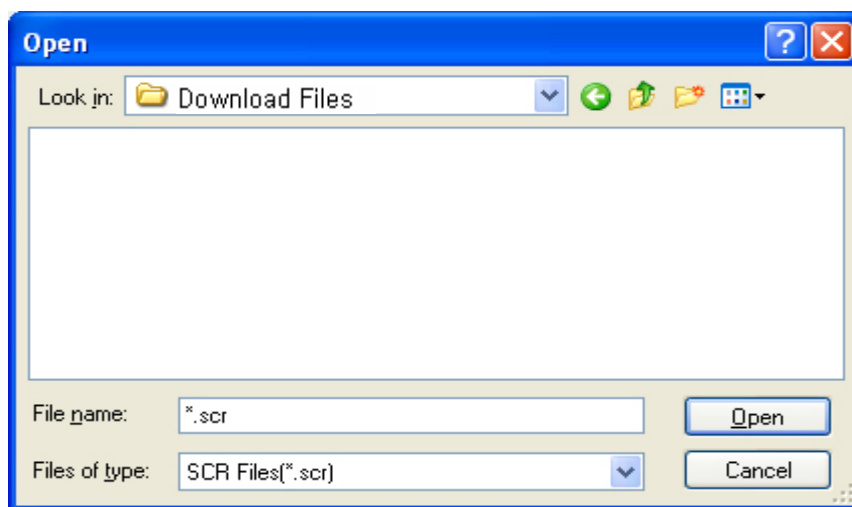
- Disable : Upgrade mode
  - A. Bin File by clicking the folder icon.



B. Check button SCR Enable/ Disable

SCR File Path : ☒  

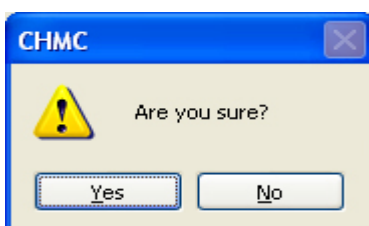
C. SCR File by clicking the folder icon when SCR Enable.



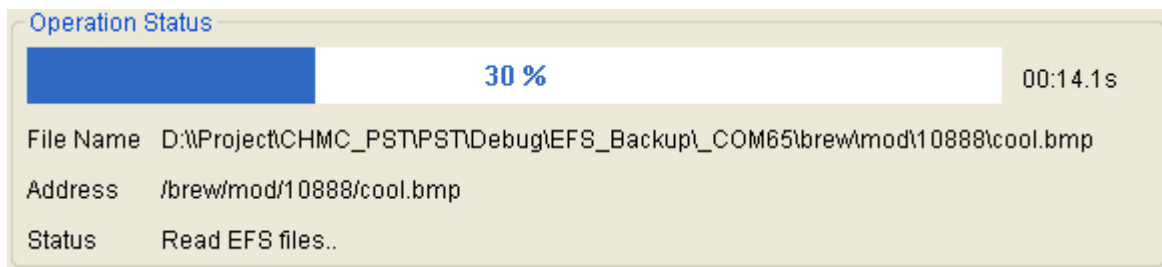
3. Click the Upgrade Operation Button.



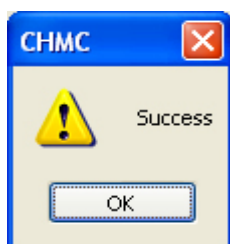
4. Select Yes to proceed.





5. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



6. When operation is completed, it will show the result status on the screen.



## (5) Bin Download Window

<div>INFO</div> <div>Upgrade</div> <div><b>BIN Download</b></div> <div>Script Download</div> <div>PRL</div> <div>ERI</div> <div>Setting</div> <div>Phone Book</div> <div>Transfer</div>	<table border="1"> <thead> <tr> <th>Item</th> <th>Value</th> <th>Item</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Compile Date</td> <td>Oct 31 2006</td> <td>Compile Time</td> <td>07:37:26</td> </tr> <tr> <td>Release Date</td> <td>Oct 31 2006</td> <td>Release Time</td> <td>07:37:26</td> </tr> <tr> <td>SW Version</td> <td>27.05 V9210A44</td> <td>Mobile Model</td> <td>222</td> </tr> <tr> <td>Slot Cycle Index</td> <td>2</td> <td>MSM Version</td> <td>MSM 2P (0x00fc)</td> </tr> <tr> <td>PRL Version</td> <td>1:50575 2:65535</td> <td>ERI Version</td> <td>0</td> </tr> </tbody> </table>				Item	Value	Item	Value	Compile Date	Oct 31 2006	Compile Time	07:37:26	Release Date	Oct 31 2006	Release Time	07:37:26	SW Version	27.05 V9210A44	Mobile Model	222	Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)	PRL Version	1:50575 2:65535	ERI Version	0
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 <b>CHMC</b> 																												
<div>Bin Download Operation</div>																												
<div>BIN File Path : <input type="text"/></div> <div>SCR File Path : <input type="text"/></div> <div>Select NAM</div> <div> <input type="radio"/> NAM 1         <input type="radio"/> NAM 2         <input checked="" type="radio"/> NAM 1,2       </div> <div>PRL File Path : <input type="text"/></div> <div>ERI File Path : <input type="text"/></div>																												
<div>BIN Download Operation</div>																												
<div>Operation Status</div> <div> <input type="text"/> 00:31.7s       </div> <div>File Name</div> <div>Address</div> <div>Status</div>																												

This window shows Bin Download operation mode. Bin Download operation requires following binary files.

- Binary File (Bin File)



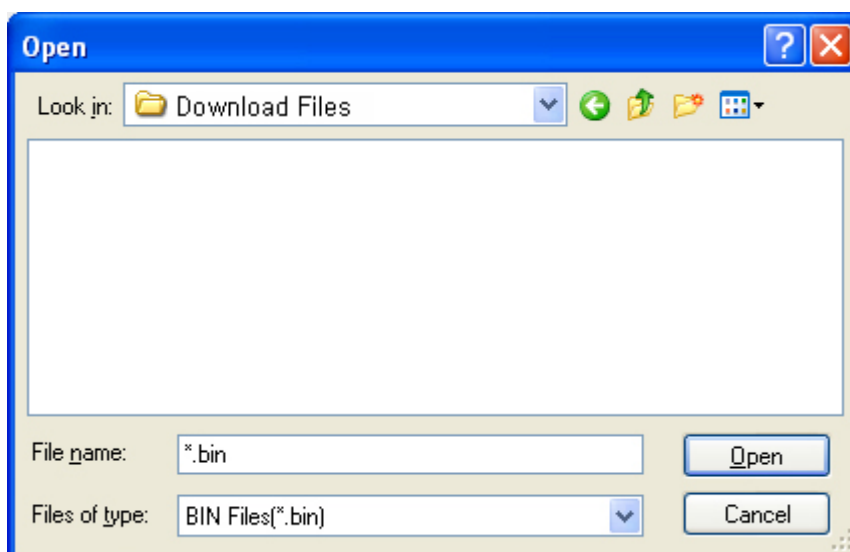
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### - Bin Download operation Procedures

1. Select Bin Download menu button.



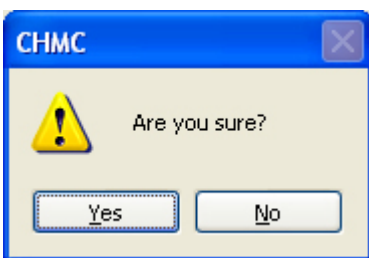
2. Select Bin File by clicking the folder icon.



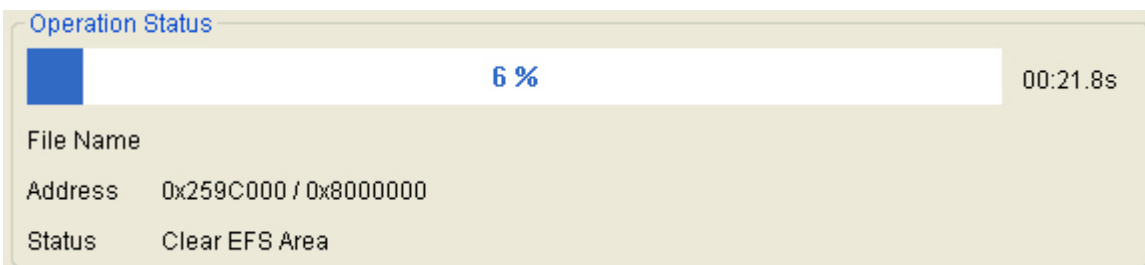
3. Click the BIN Download Operation Button.



4. Select Yes to proceed.



5. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



6. When operation is completed, it will show the result status on the screen.







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### (6) Script Download Window

Item	Value	Item	Value
Compile Date	Oct 31 2006	Compile Time	07:37:26
Release Date	Oct 31 2006	Release Time	07:37:26
SNV Version	27.05 V9210A44	Mobile Model	222
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)
PRL Version	1:50575 2:65535	ERI Version	0

**CHMC**

**Script Download Operation**


BIN File Path :

SCR File Path :

Select NAM  
☐ NAM 1 ☐ NAM 2 ☒ NAM 1,2

PRL File Path :

ERI File Path :

 **Script Download Operation**

Operation Status  
 00:31.7s

File Name


Address

Status

This window shows Script Download operation mode. Script Download operation requires following binary files;

- SCR (Script) File
- Select NAM
- PRL (Preferred Roaming List) File
- ERI (Enhanced Roaming Indicator) File



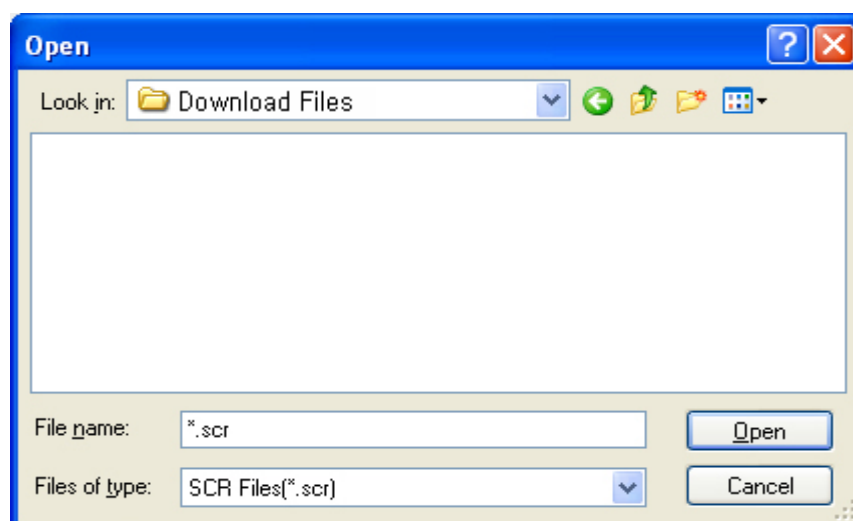
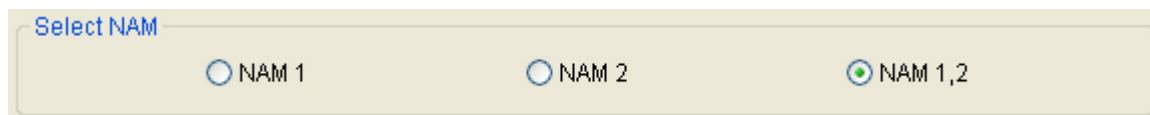
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## - Script Download operation Procedures

1. Select Script Download menu button.

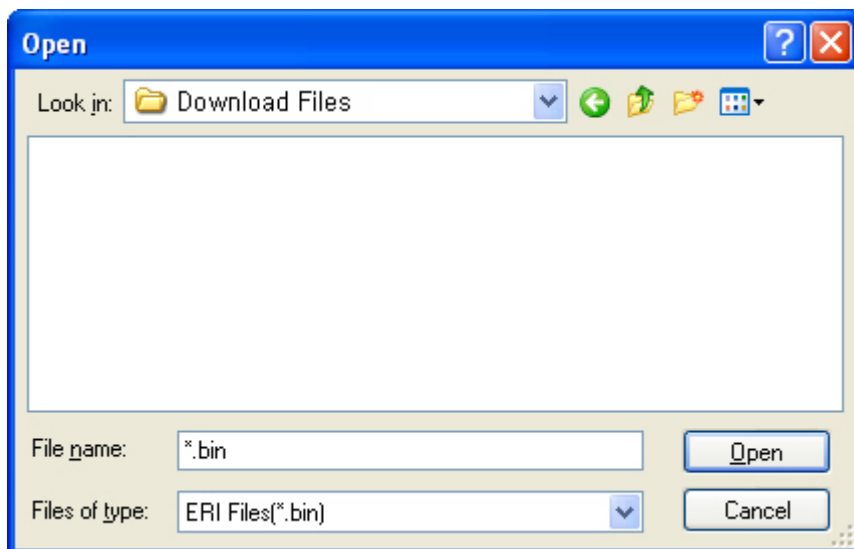
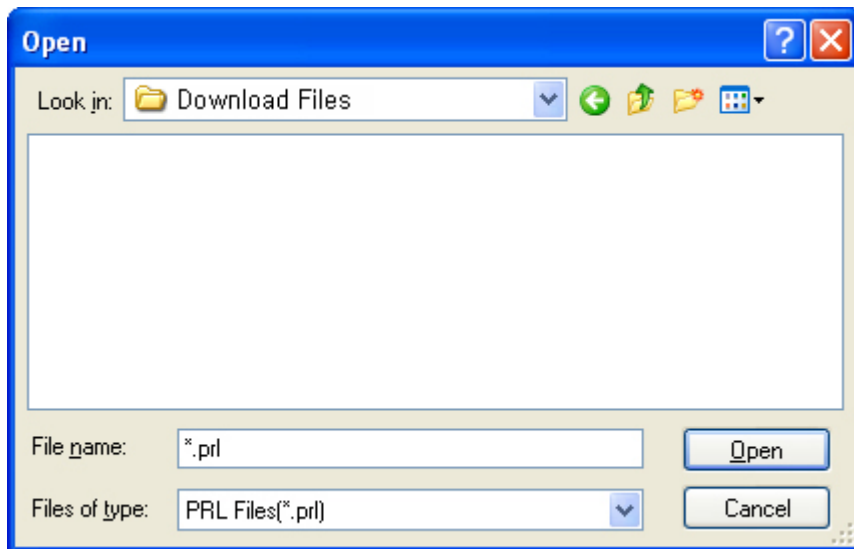


2. Select NAM and SCR File, PRL File and ERI File by clicking the folder icon.





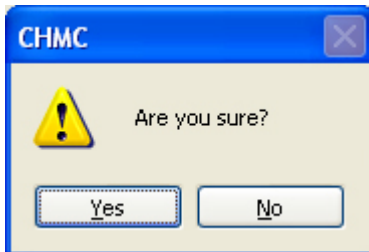
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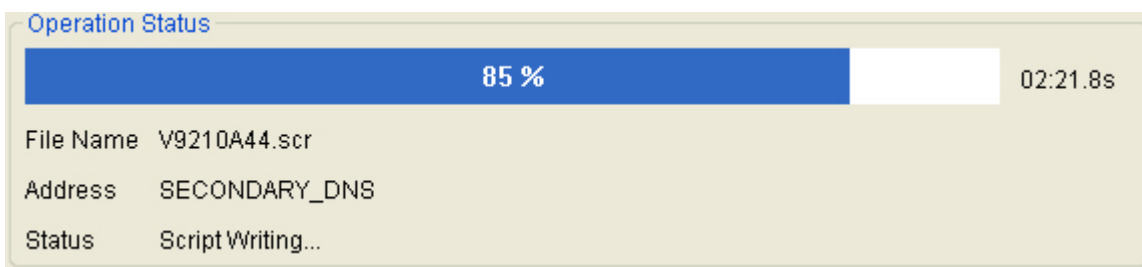
3. Click the Script Download Operation Button.



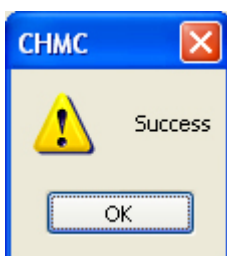
4. Select Yes to proceed.



5. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



6. When operation is completed, it will show the result status on the screen.





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### (7) PRL Window

Item	Value	Item	Value
Compile Date	Oct 31 2006	Compile Time	07:37:26
Release Date	Oct 31 2006	Release Time	07:37:26
SW Version	27.05 V9210A44	Mobile Model	222
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)
PRL Version	1:50575 2:65535	ERI Version	0

**CHMC**

**PRL Operation**

Select Direction

☐ Read ☒ Write

Select NAM

☐ NAM 1 ☐ NAM 2 ☒ NAM 1,2

PRL File Path :

ERI File Path :

**Start PRL Operation**

Operation Status

00:31.7s

File Name

Address

Status

This window shows PRL operation mode. PRL operation requires following binary files;

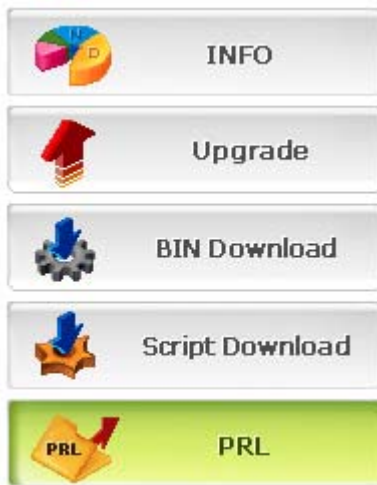
- Select Direction
- Select NAM
- PRL (Preferred Roaming List) File



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### - PRL operation Procedures

1. Select PRL menu button.



2. Select Direction, NAM and PRL File by clicking the folder icon.

Select Direction

☐ Read

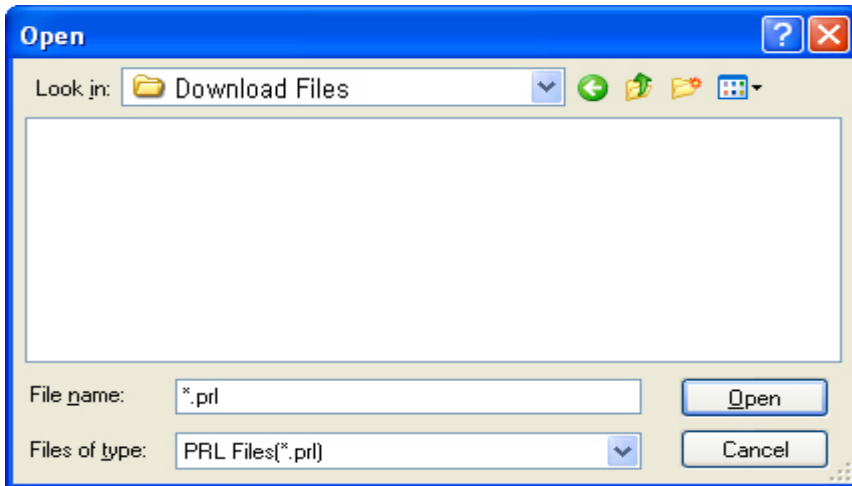
☒ Write

Select NAM

☐ NAM 1

☐ NAM 2

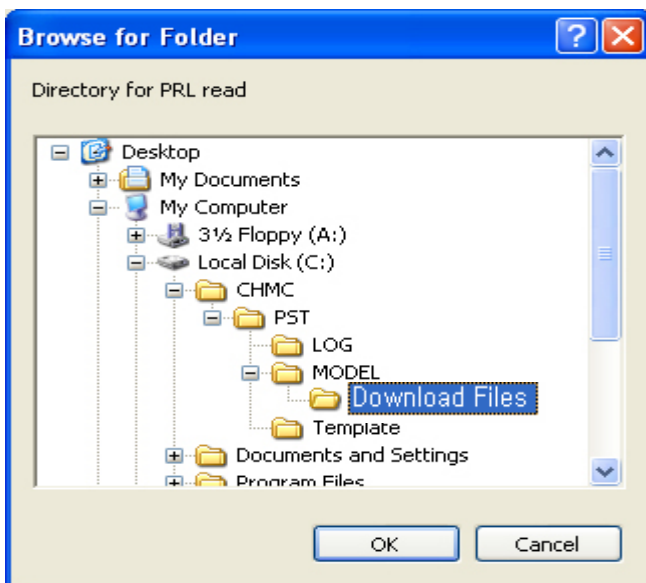
☒ NAM 1,2



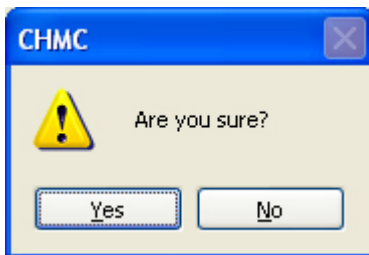
3. Click the PRL Download Operation Button.



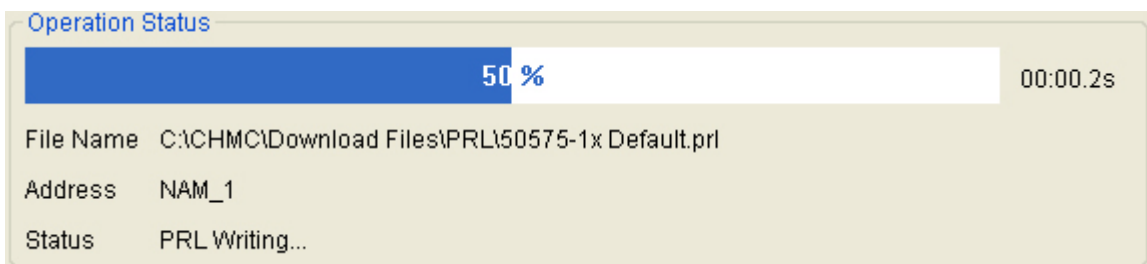
4. In read mode, following dialog is appeared. Select folder to save PRL files.



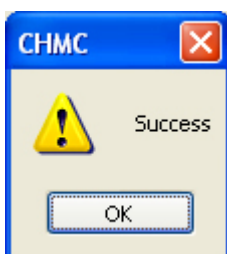
5. Select Yes to proceed.





6. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



7. When operation is completed, it will show the result status on the screen.



## (8) ERI Window

<div>INFO</div> <div>Upgrade</div> <div>BIN Download</div> <div>Script Download</div> <div>PRL</div> <div><b>ERI</b></div> <div>Setting</div> <div>Phone Book</div> <div>Transfer</div>	<table border="1"> <thead> <tr> <th>Item</th> <th>Value</th> <th>Item</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Compile Date</td> <td>Oct 31 2006</td> <td>Compile Time</td> <td>07:37:26</td> </tr> <tr> <td>Release Date</td> <td>Oct 31 2006</td> <td>Release Time</td> <td>07:37:26</td> </tr> <tr> <td>SW Version</td> <td>27.05 V9210A44</td> <td>Mobile Model</td> <td>222</td> </tr> <tr> <td>Slot Cycle Index</td> <td>2</td> <td>MSM Version</td> <td>MSM 2P (0x00fc)</td> </tr> <tr> <td>PRL Version</td> <td>1:50575 2:65535</td> <td>ERI Version</td> <td>0</td> </tr> </tbody> </table>	Item	Value	Item	Value	Compile Date	Oct 31 2006	Compile Time	07:37:26	Release Date	Oct 31 2006	Release Time	07:37:26	SW Version	27.05 V9210A44	Mobile Model	222	Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)	PRL Version	1:50575 2:65535	ERI Version	0
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PRL Version	1:50575 2:65535	ERI Version	0																						
 	<div>CHMC</div> <div>ERI Operation</div> <div>Select Direction</div> <div> <input type="radio"/> Read         <input checked="" type="radio"/> Write       </div> <div>Select NAM</div> <div> <input type="radio"/> NAM 1         <input type="radio"/> NAM 2         <input checked="" type="radio"/> NAM 1,2       </div> <div>PRL File Path :</div> <div>ERI File Path :</div> <div>Start ERI Operation</div> <div>Operation Status</div> <div> <div>00:31.7s</div> <div>File Name</div> <div>Address</div> <div>Status</div> </div>																								

This window shows ERI operation mode. ERI operation requires following binary files;

- Select Direction
- ERI (Enhanced Roaming Indicator) File





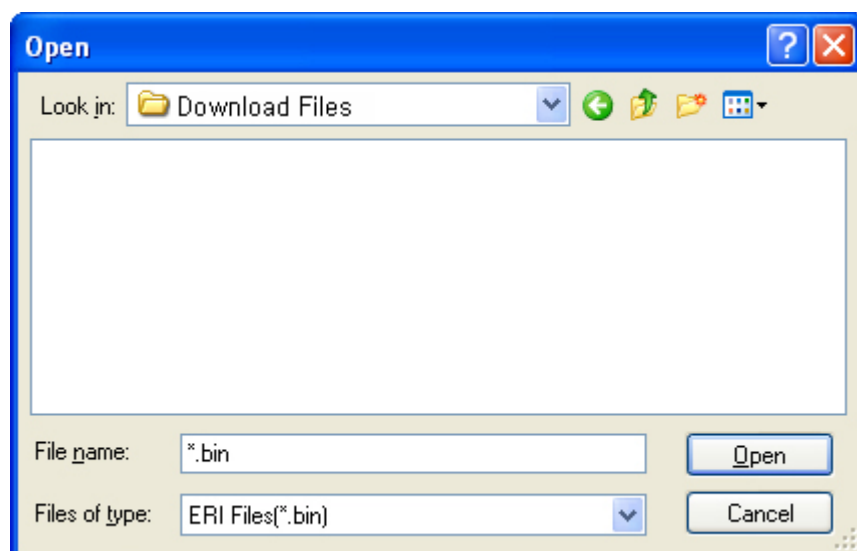
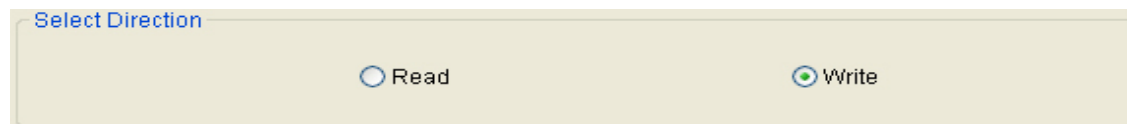
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### - ERI operation Procedures

1. Select ERI menu button.



2. Select Direction and ERI File by clicking the folder icon.





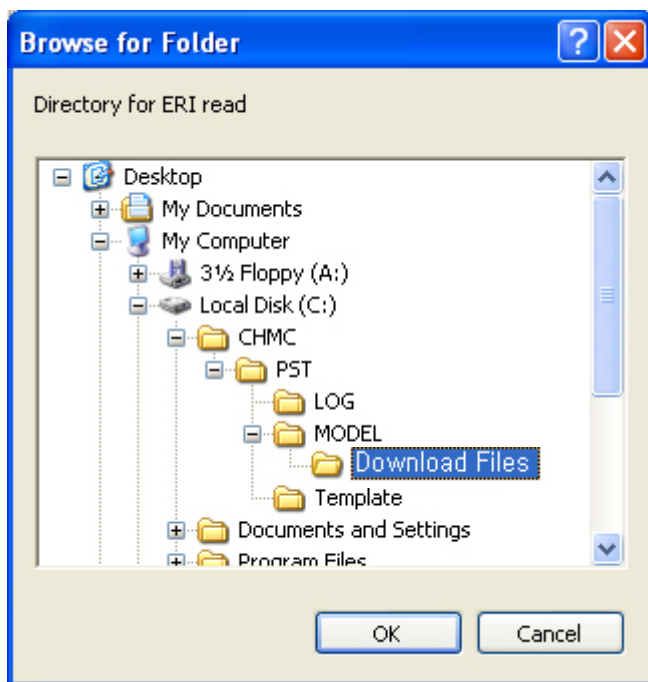
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3. Click the ERI Download Operation Button.

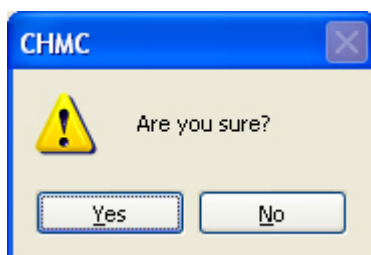



**Start ERI Operation**

4. In read mode, following dialog is appeared. Select folder to save ERI files.

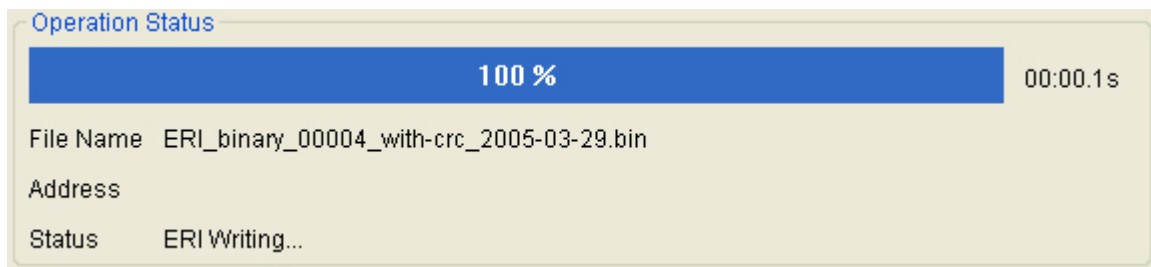


5. Select Yes to proceed.



	CHMC PST(Lab) User Guide		


6. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.





7. When operation is completed, it will show the result status on the screen.





## (9) Setting Window


 **INFO**


 **Upgrade**


 **BIN Download**


 **Script Download**



 **PRL**

 **ERI**



 **Setting**

 **Phone Book**

 **Transfer**

Item	Value	Item	Value
Compile Date	Nov 22 2006	Compile Time	19:06:07
Release Date	Nov 22 2006	Release Time	19:06:07
SW Version	V9210E59	Mobile Model	222
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)
PRL Version	1:65535 2:65535	ERI Version	0


CHMC


**Settings**

SMS\_EMS

MMS

WAP

BREW

LBS

PTT

General NAM

NAM1


NAM2


System Security

FEATURE

Data Parameter

Item Name	PARAMETER1
SCM	
Voice Privacy	
Slot Cycle Index	

 **Read From Phone**

 **Write To Phone**

Operation Status

00.00s

File Name

Address

Status

Setting window shows setting operation mode which can read from / write to data items in the devices.

- Show data items read from phone (device)
- Write data items to phone (device)



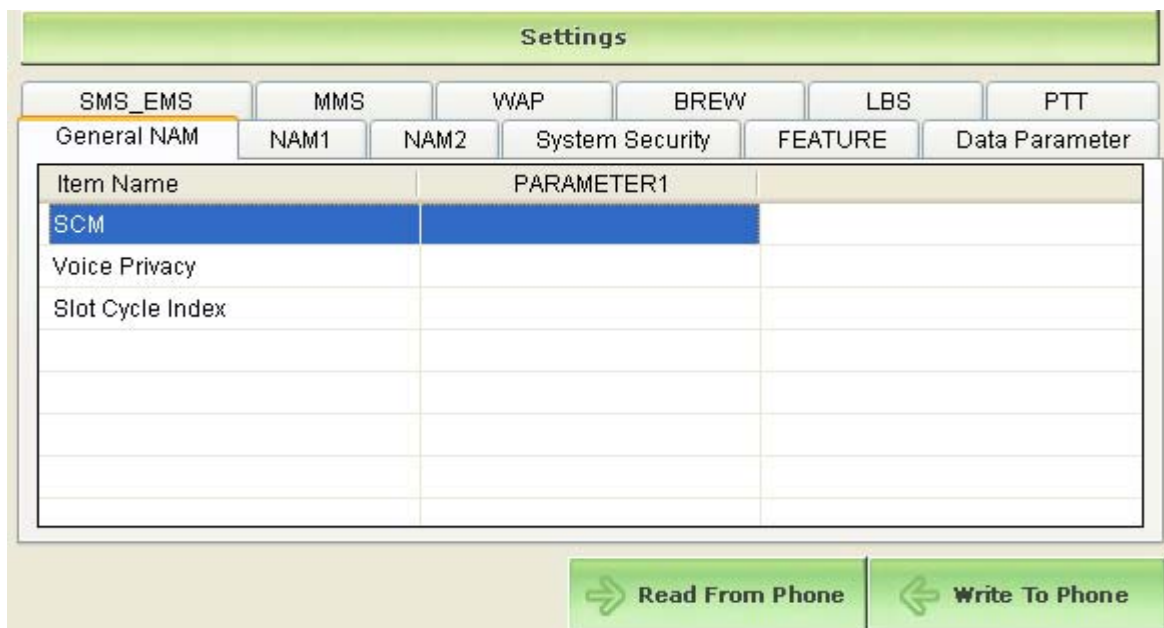
## CHMC PST(Lab) User Guide

### - Setting Operation Procedures

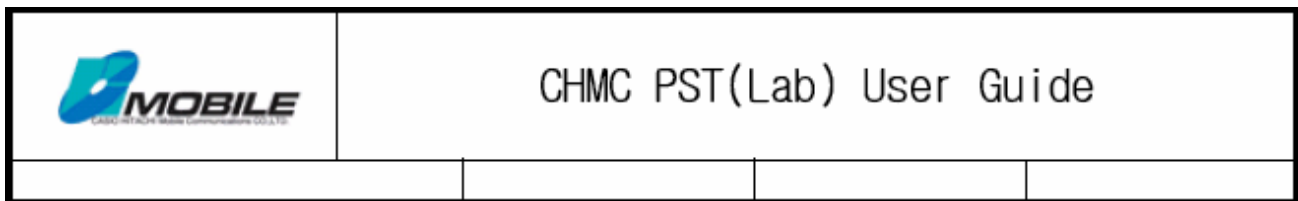
1. Select Setting menu button.



2. Select tab item.



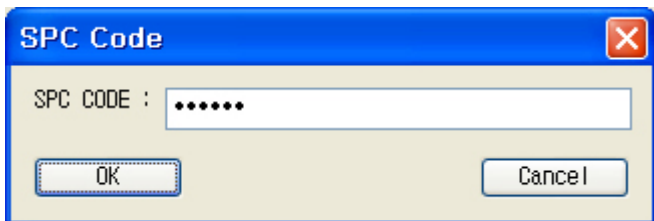
(In this picture, General NAM is selected)



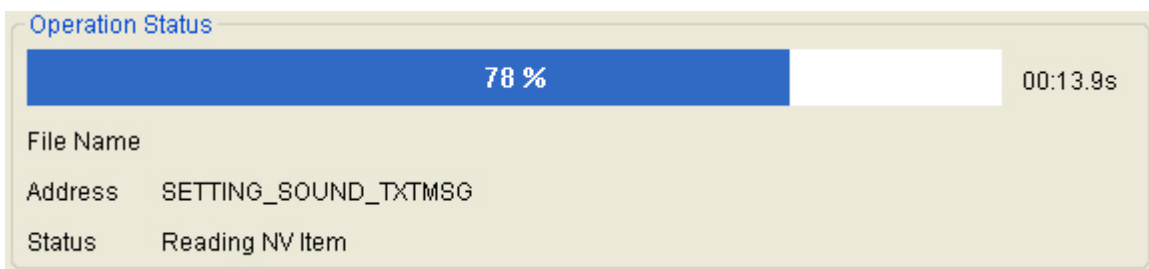
3. In read mode, click Read From Phone button. It will read current tab's data items from device.



4. While operation is running, SPC Code dialog will be appeared. Without proper number, data can't be read. Enter valid number and click OK button.



5. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



6. After the operation is completed, item and parameters will be shown to the list. Items read from phone are able to change, modify, remove and save to phone.

Each item has different control style. Following picture shows some items' style.

Normal	▼
Normal	
Long	

- Combo Control

- Edit Control

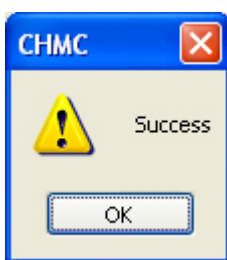
You can edit the parameter by left clicking the item in the list.

7. In write mode, select tab item and click Write To Phone button. It will write items of the list control to the current connected phone.





- If there are no items in the current list, Write To Phone operation will not be operated.


8. When operation is completed, it will show the result status on the screen.





## (10) Phonebook Window


 **INFO**


 **Upgrade**


 **BIN Download**


 **Script Download**



 **PRL**

 **ERI**



 **Setting**

 **Phone Book**

 **Transfer**

Item	Value	Item	Value
Compile Date	Oct 31 2006	Compile Time	07:37:26
Release Date	Oct 31 2006	Release Time	07:37:26
SW Version	27.05 V9210A44	Mobile Model	222
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)
PRL Version	1:50575 2:50575	ERI Version	0


CHMC



**Phone Book**

Name	Mobile1	Home	Work	E-Mail1	Mobile2	E-Mail2

Select Direction

☒ Read
☐ Write

CSV File Path :

 **Start Read Phone Book**

Operation Status

00.00s

File Name

Address

Status

This window shows Phonebook operation mode which can read from / write to Phonebook in the phone

- Select Direction
- Read Phonebook list from phone (device)
- Write Phonebook list To phone (device)

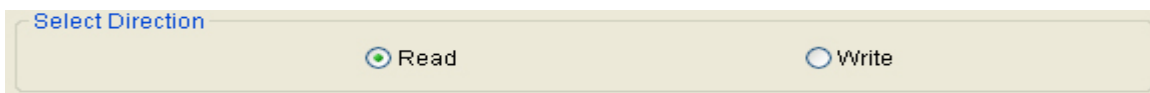


## - Phonebook operation Procedures

1. Select Phonebook menu button.



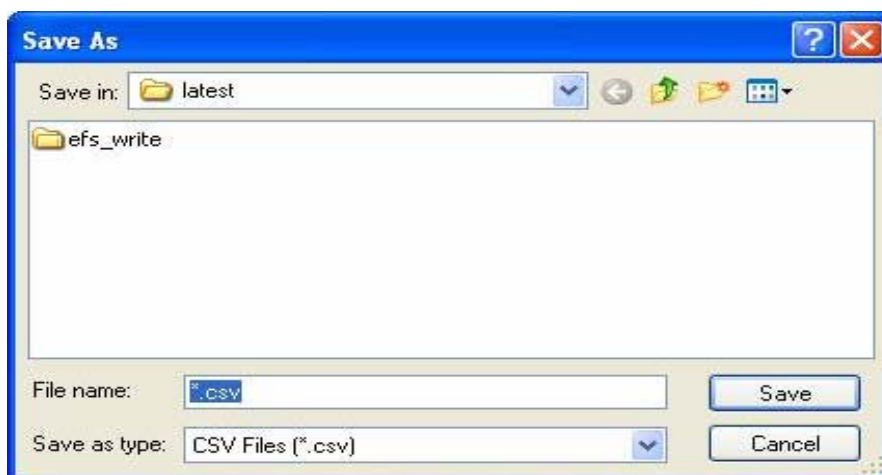
2. Select Direction.



3. In read mode, Click Start Read Phonebook button.



Following dialog will be shown to the screen.



4. After the operation is completed, following list will be appeared to the screen.

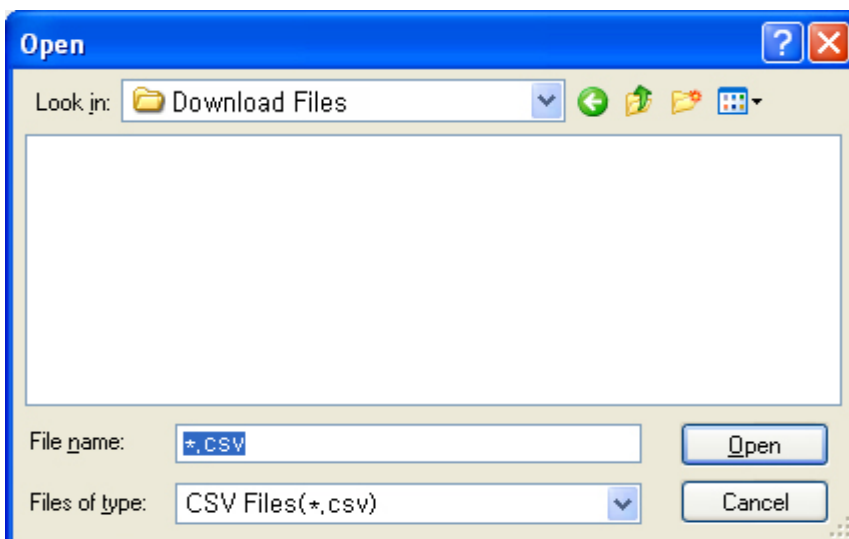
Name	Mobile1	Home	Work	E-Mail1	Mobile2	E-Mail2
#BAL	#225					
#MIN	#646					
#PMT	#768					

5. In write mode, Select CSV File to write by clicking the folder icon.



CSV File Path :  

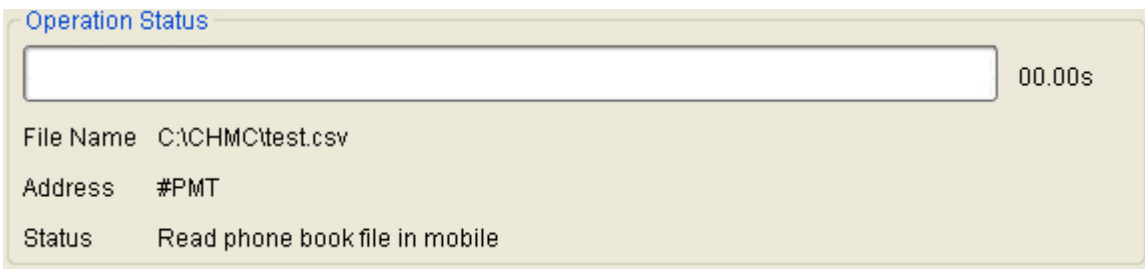
Selected CSV File's data will appear to the list control.



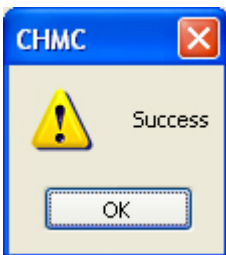
6. Click Start Write Phonebook button.




7. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.





8. When operation is completed, it will show the result status on the screen.





## (11) Transfer Window



**INFO**



**Upgrade**



**BIN Download**



**Script Download**




**PRL**


**ERI**




**Setting**


**Phone Book**


**Transfer**

Item	Value	Item	Value
Compile Date	Oct 31 2006	Compile Time	07:37:26
Release Date	Oct 31 2006	Release Time	07:37:26
SW Version	27.05 V9210A44	Mobile Model	222
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)
PRL Version	1:50575 2:50575	ERI Version	0


CHMC



**Memory Transfer Operation**

**Item Option**

Items	Checking
All Items	✓
Phone book	
SMS, MMS, EMS Contents	
Calendar	
User Interface	

**Select Direction**

☒ Backup
☐ Restore


**Start Backup**

**Operation Status**

00.00s

File Name C:\CHMCtest.csv

Address #PMT

Status Read phone book file in mobile

This window shows Transfer operation mode which can backup or restore phone data items.

- Select Mode (Restore / Backup)
- Select backup items from phone
- Restore backup items to the phone.



## CHMC PST(Lab) User Guide

### - Transfer operation Procedures

1. Select Transfer menu button.



2. Select Mode (Backup, Restore).

Select Direction

☒ Backup ☐ Restore

3. In Backup mode, select backup item in the list.

Items	Checking
All Items	✓
Phone book	
SMS, MMS, EMS Contents	
Calendar	
User Interface	

4. Click the Start Backup Button.



5. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.

Operation Status

53 %

00:02.8s

File Name

Address    SETTING\_SOUND\_TXTMSG


Status     Read User Interface

6. In Restore mode, select restore item in the list.

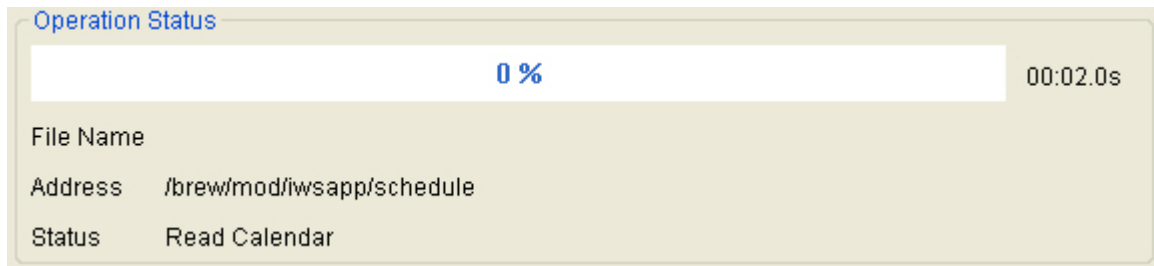
Items	Checking
All Items	
Phone book	
SMS, MMS, EMS Contents	
Calendar	✓
User Interface	

7. Click the Start Restore Button.



	CHMC PST(Lab) User Guide		






8. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



9. When operation is completed, it will show the result status on the screen.



## (12) Refurbish Window

<div>INFO</div> <div>Upgrade</div> <div>BIN Download</div> <div>Script Download</div> <div>PRL</div> <div>ERI</div> <div>Setting</div> <div>Phone Book</div> <div>Transfer</div>	<table border="1"> <thead> <tr> <th>Item</th> <th>Value</th> <th>Item</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Compile Date</td> <td>Oct 31 2006</td> <td>Compile Time</td> <td>07:37:26</td> </tr> <tr> <td>Release Date</td> <td>Oct 31 2006</td> <td>Release Time</td> <td>07:37:26</td> </tr> <tr> <td>SNV Version</td> <td>27.05 V9210A44</td> <td>Mobile Model</td> <td>222</td> </tr> <tr> <td>Slot Cycle Index</td> <td>2</td> <td>MSM Version</td> <td>MSM 2P (0x00fc)</td> </tr> <tr> <td>PRL Version</td> <td>1:50575 2:65535</td> <td>ERI Version</td> <td>0</td> </tr> </tbody> </table>	Item	Value	Item	Value	Compile Date	Oct 31 2006	Compile Time	07:37:26	Release Date	Oct 31 2006	Release Time	07:37:26	SNV Version	27.05 V9210A44	Mobile Model	222	Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)	PRL Version	1:50575 2:65535	ERI Version	0
Item	Value	Item	Value																						
Compile Date	Oct 31 2006	Compile Time	07:37:26																						
Release Date	Oct 31 2006	Release Time	07:37:26																						
SNV Version	27.05 V9210A44	Mobile Model	222																						
Slot Cycle Index	2	MSM Version	MSM 2P (0x00fc)																						
PRL Version	1:50575 2:65535	ERI Version	0																						
 	<div style="text-align: center;">  <span style="color: red;">CHMC</span>  </div> <div style="background-color: #90EE90; text-align: center; padding: 5px;"> <b>Refurbish</b> </div> <div>       BIN File Path : <input type="text"/> </div> <div>       SCR File Path : <input type="text"/> </div> <div>       Select NAM  <input type="radio"/> NAM 1    <input type="radio"/> NAM 2    <input checked="" type="radio"/> NAM 1,2     </div> <div>       PRL File Path : <input type="text"/> </div> <div>       ERI File Path : <input type="text"/> </div> <div style="background-color: #90EE90; text-align: center; padding: 5px;">  <b>Refurbish</b> </div> <div>       Operation Status  <input type="text"/> 00:31.7s     </div> <div>       File Name        Address        Status     </div>																								

This window shows Refurbish operation mode. Refurbish operation requires following binary files;

- Binary File (Bin File)
- SCR (Script) File.
- Select NAM
- PRL (Preferred Roaming List) File
- ERI (Enhanced Roaming Indicator) File





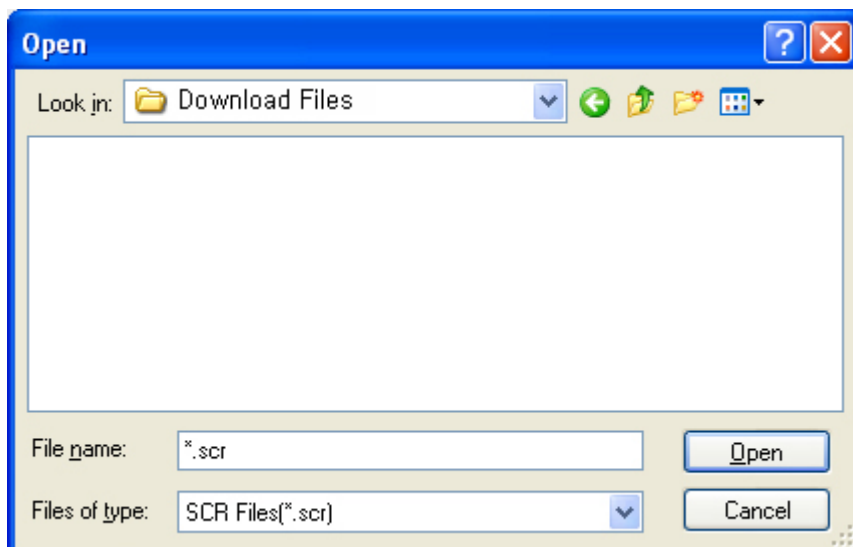
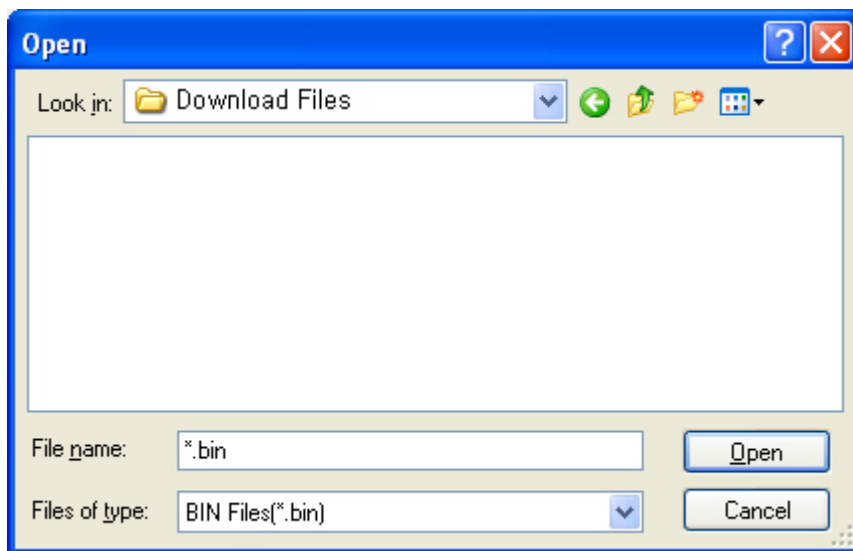
## CHMC PST(Lab) User Guide

### - Refurbish operation Procedures

1. Select Refurbish button in the toolbar.



2. Select NAM and Select Bin File, SCR File, PRL File, ERI File by clicking the folder icon.





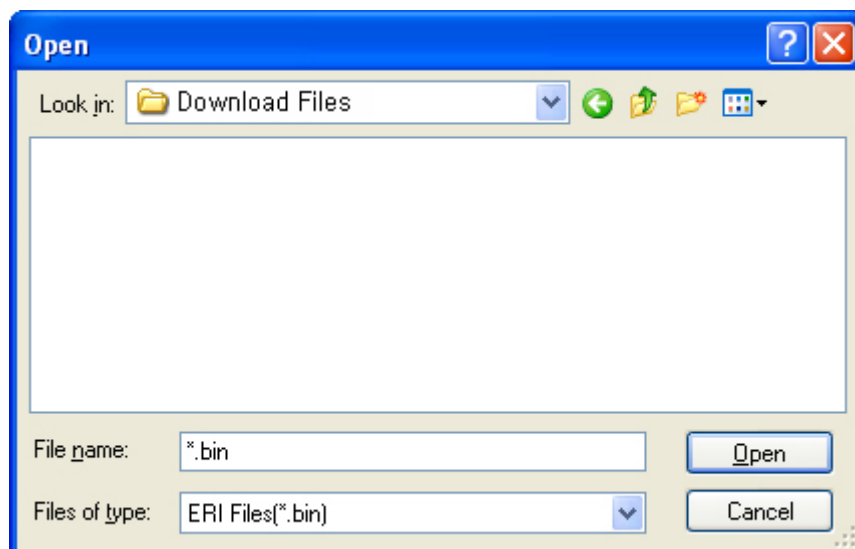
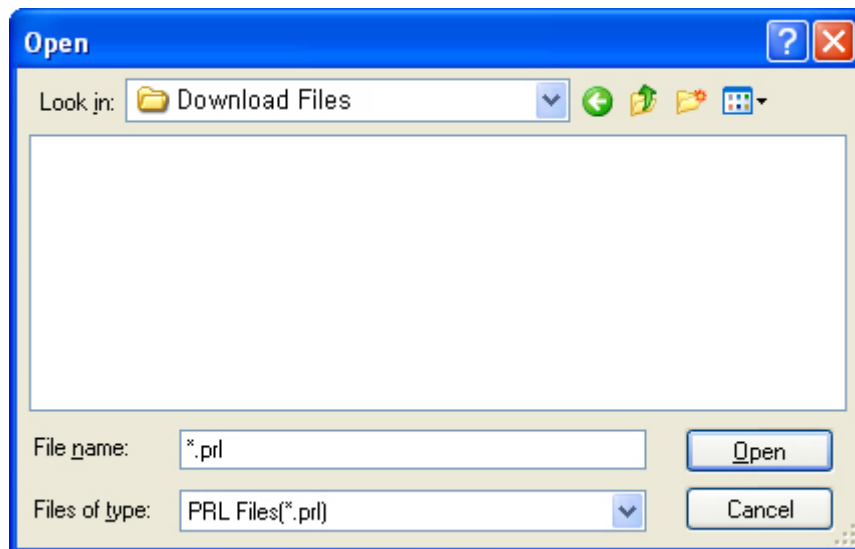
## CHMC PST(Lab) User Guide

Select NAM

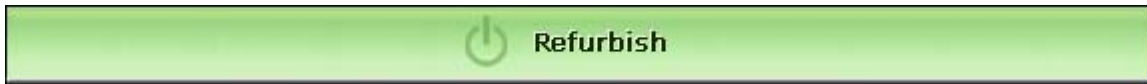
☐ NAM 1

☐ NAM 2

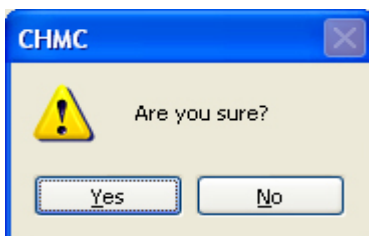
☒ NAM 1,2



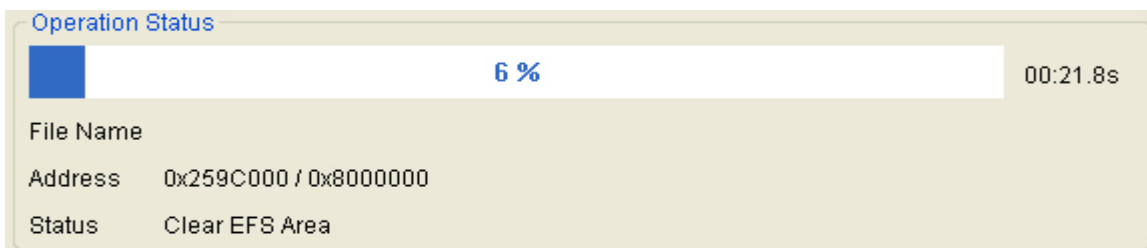
3. Click the Refurbish Operation Button.



4. Select Yes to proceed.



5. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



6. When operation is completed, it will show the result status on the screen.





## CHMC PST(Lab) User Guide

### 4. Emergency Download

Emergency mode is all menus disable except BIN Download, Select Model, Select Port and Help.

**CHMC PST**

Select Model | Select Port | Info | Upgrade | Bin | Script | PRL | ERI | Setting | Phone Book | Transfer | Refurbish | Help

**INFO**

Item	Value	Item	Value
Compile Date		Compile Time	
Release Date		Release Time	
SW Version		Mobile Model	
Slot Cycle Index		MSM Version	
PRL Version		ERI Version	

**BIN Download**

**Script Download**

**PRL**

**ERI**

**Setting**

**Phone Book**

**Transfer**

**CHMC II** **[EMERGENCY MODE]**

**Bin Download Operation**

BIN File Path :

SCR File Path :

Select NAM

☐ NAM 1 ☐ NAM 2 ☒ NAM 1,2

PRL File Path :

ERI File Path :

**BIN Download Operation**

Operation Status

00.00s

File Name

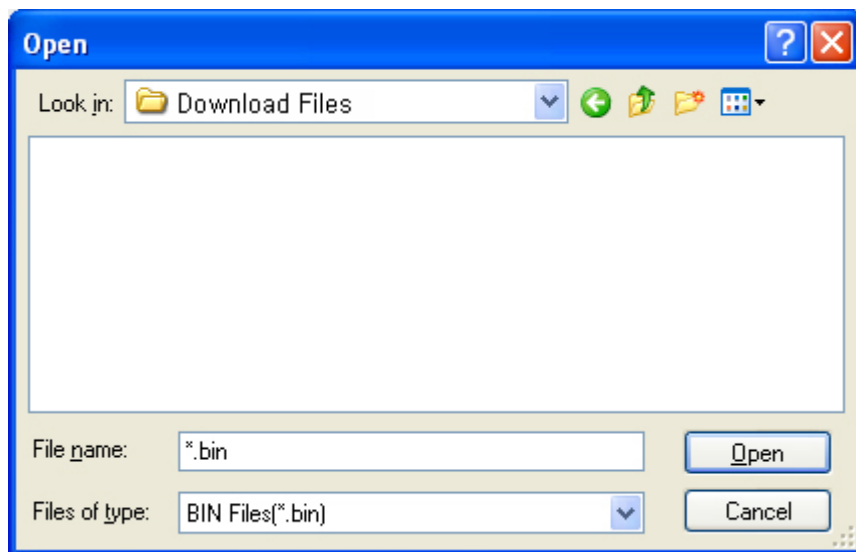
Address

Status

PORT : MODEL : DLL :

## - Emergency Download Procedures

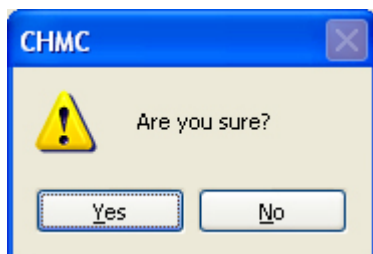
1. Select Bin File by clicking the folder icon.




2. Click the BIN Download Operation Button.

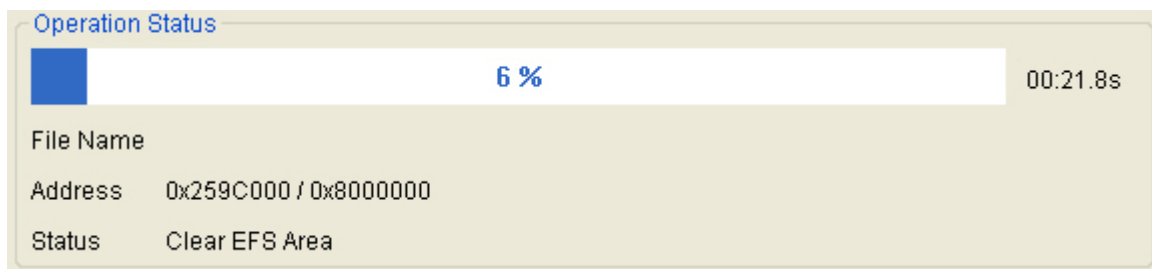


3. Select Yes to proceed.



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4. While operation is running, progress bar is shown to the screen to indicate the current status and percentage of the download operation.



5. When operation is completed, it will show the result status on the screen.

