

Background

- Current GX-55 application has a function which will prevent the abnormal time rewind from GPS rollover.
- In case GX-55 is set with future time by accident or something, the system may detect the time resetting as the abnormal time rewind.

Solution

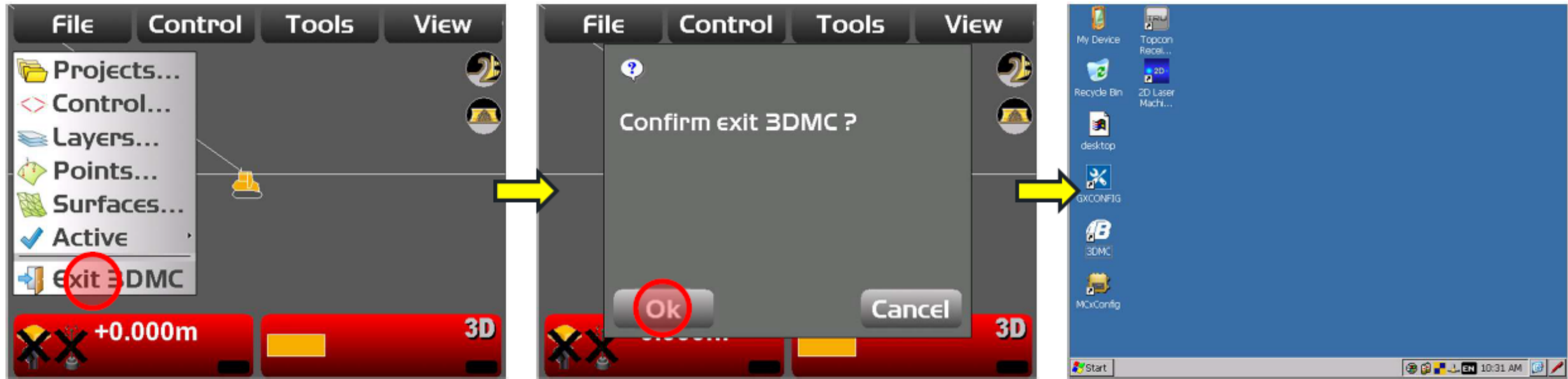
- Reset the standard time used for the judgement of abnormal time rewind which stored in GX-55.

Preparation

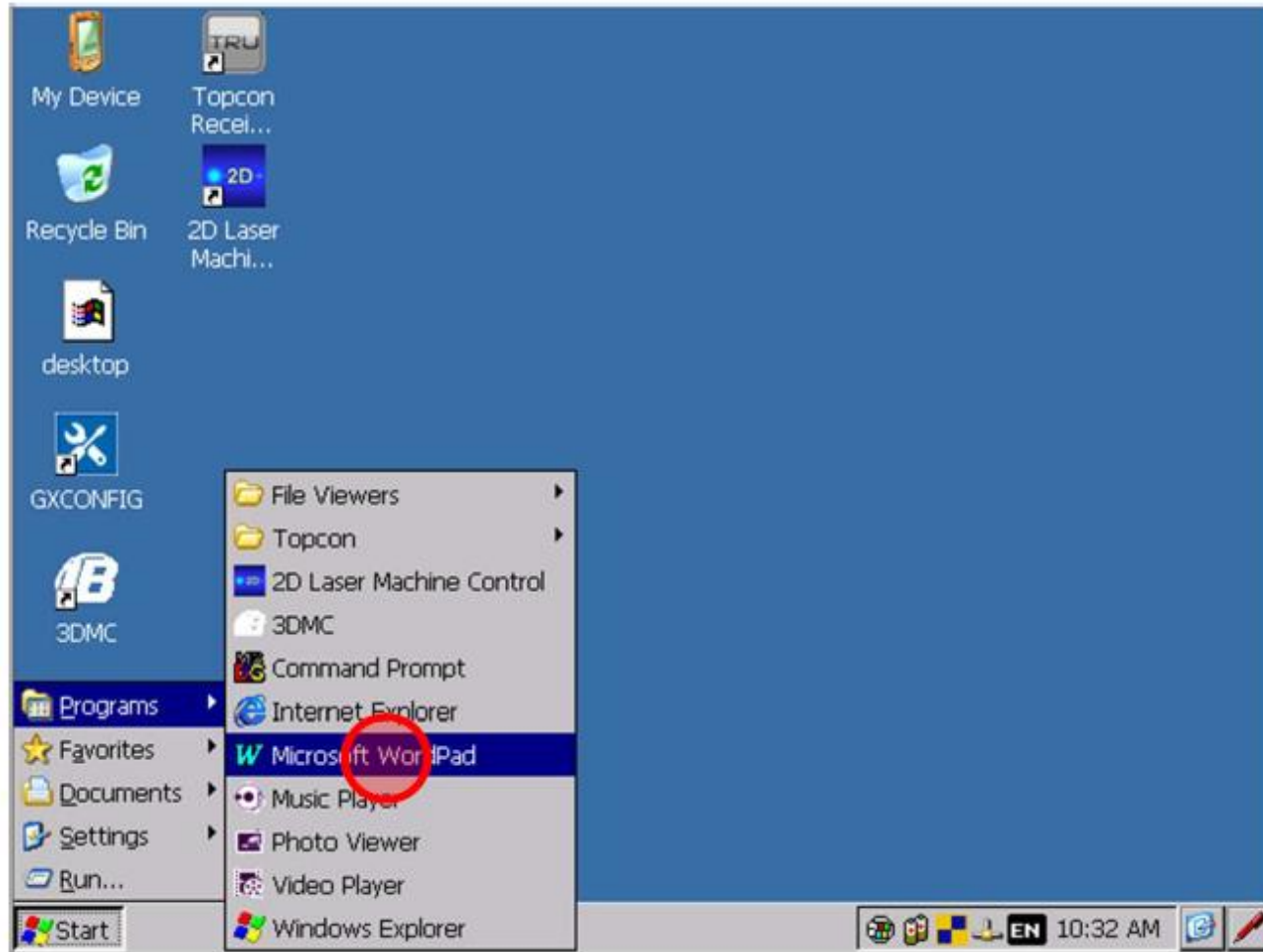
- Make GX-55 disconnected from GNSS and internet. (e.g., Remove GX-55 from machine)
(Time information provided by Internet and GNSS may interrupt this reset work)
- Connect a mouse and a keyboard to GX-55.
(It can be operated by touch screen but it would be better to use mouse and keyboard to avoid errors.)

Procedure

Exit from 3DMC and move to desktop



“Start” => “Programs” => “Microsoft WordPad”



“File” => “Open”

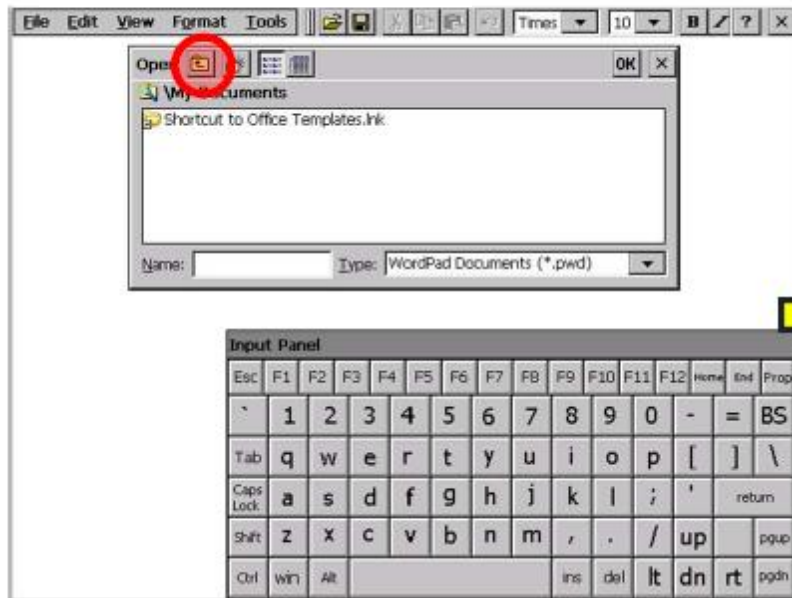


Procedure

- Go to the folder “/HardDisk/TOPCON/3DMC”
 (“move up” icon may need to be pressed to show HardDisk)

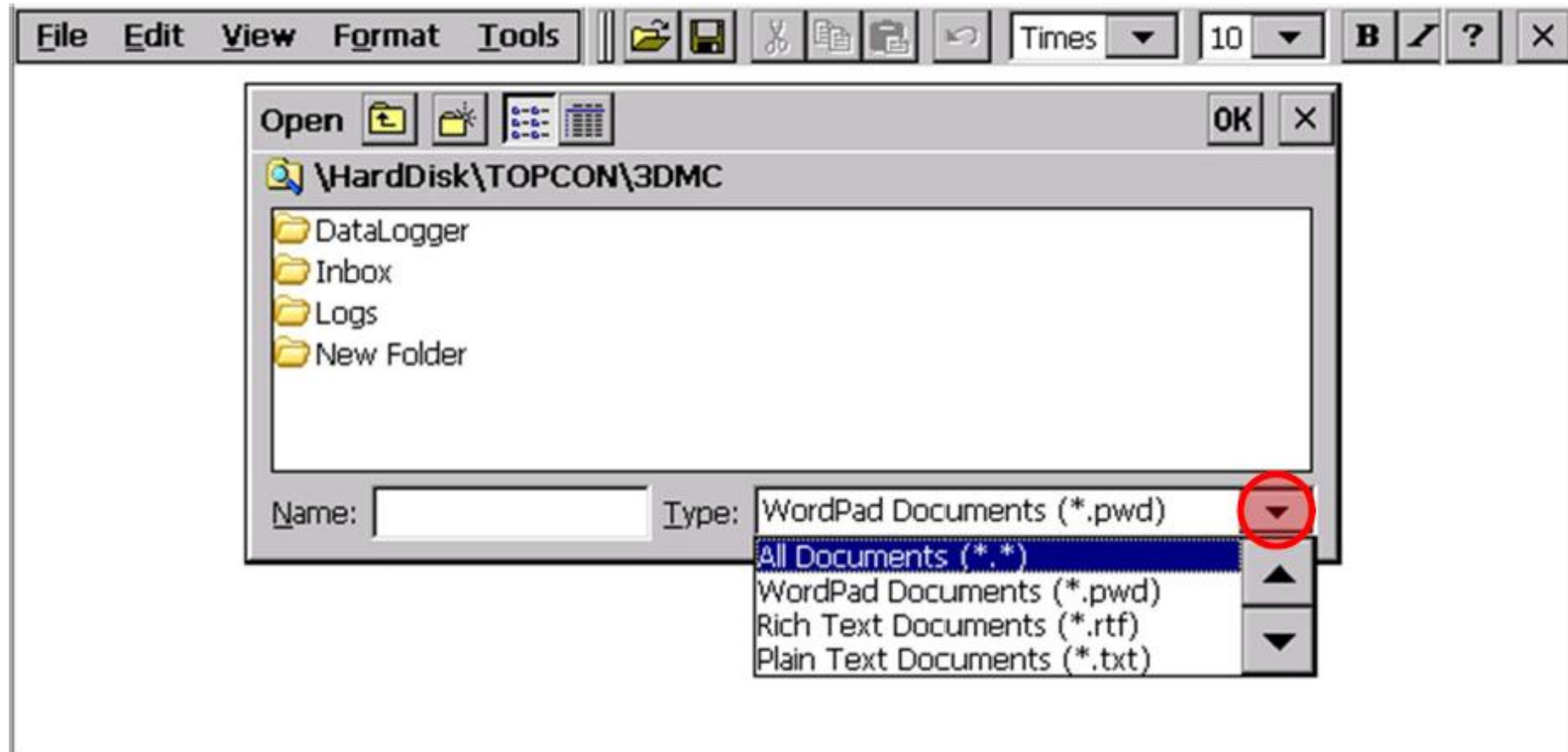


“move up” icon



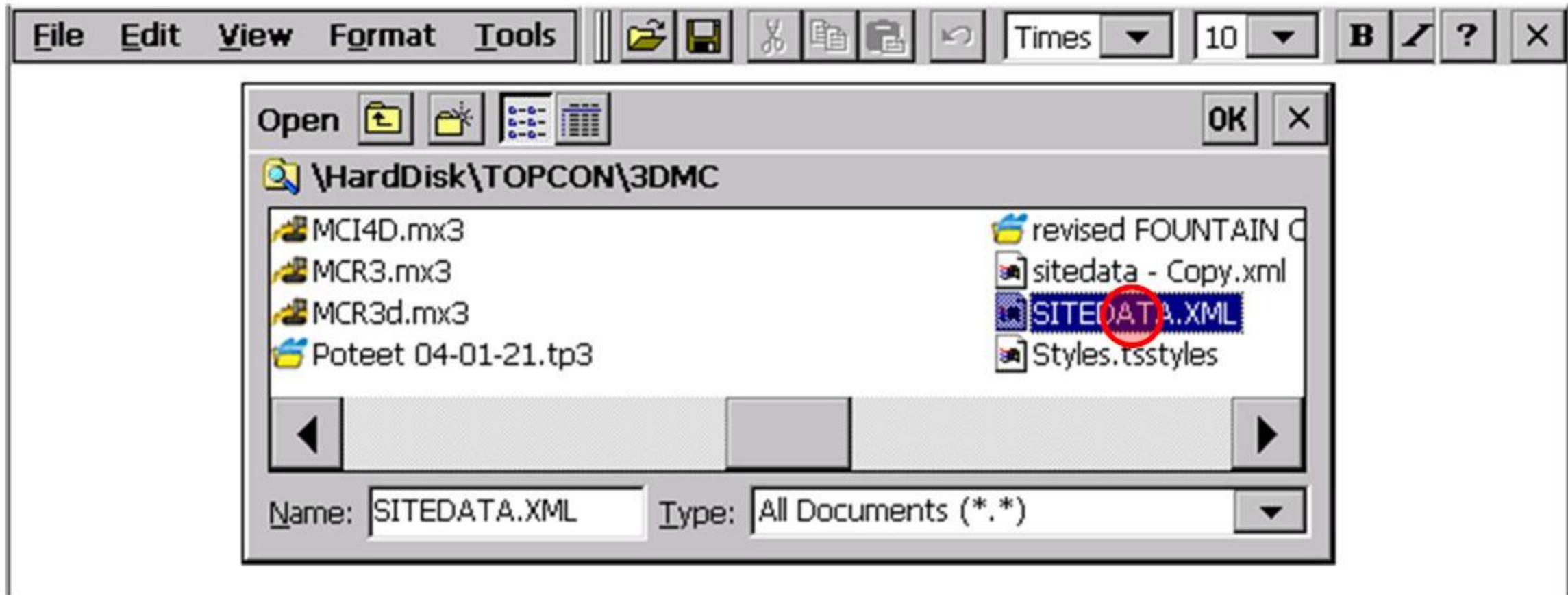
Procedure

- 「▼」 Press pull down menu and select “All Documents(*.*)”



Procedure

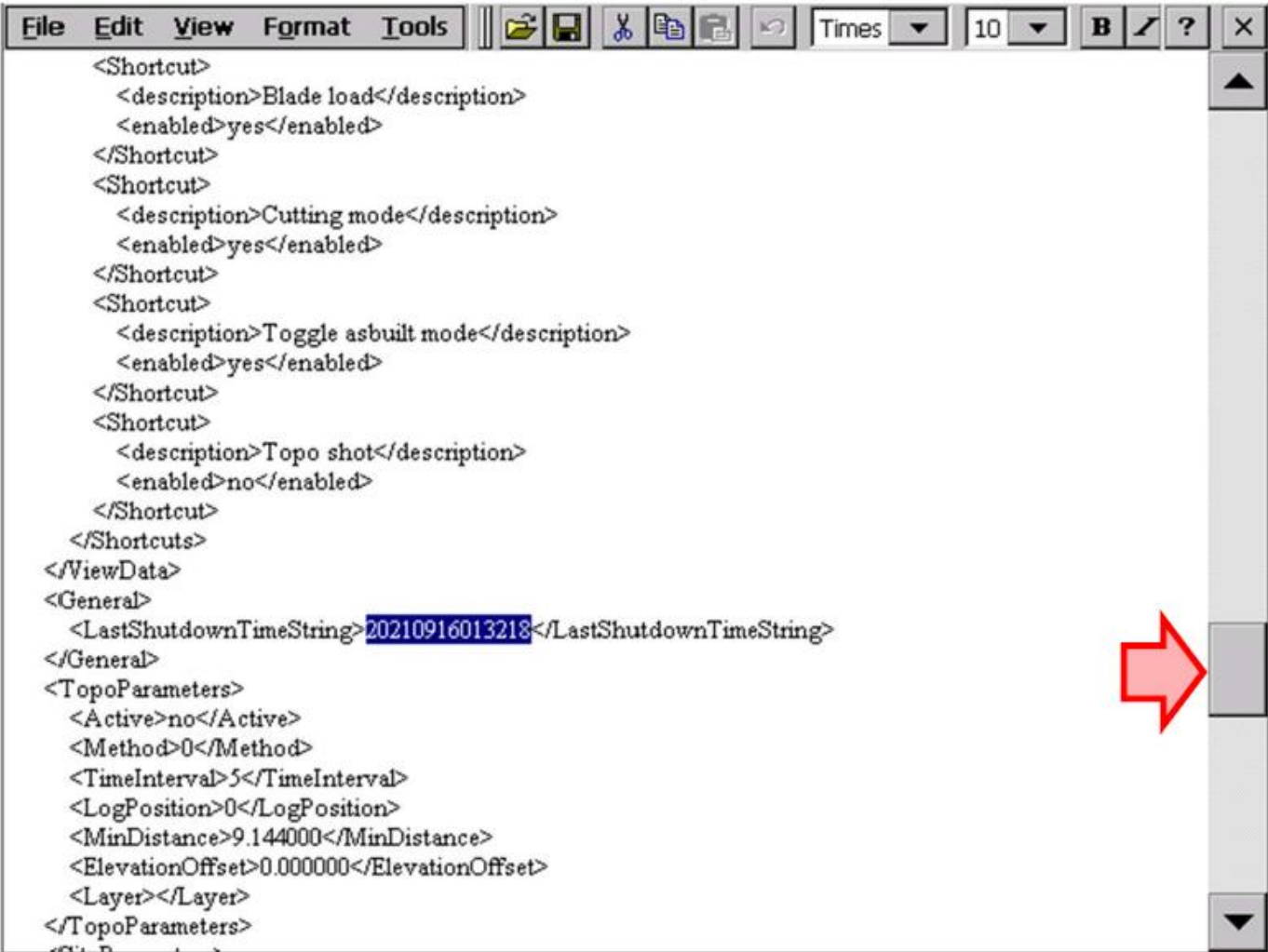
Double click and open “SITEDATA.XML”



Press “Yes”



Scroll down to <LastShutdownTimeString>
It can be found around this position shown by red arrow.



Procedure

Delete the numbers by Backspace or Delete button.

```
<General>  
  <LastShutdownTimeString>20210916013218</LastShutdownTimeString>  
</General>
```



```
<General>  
  <LastShutdownTimeString></LastShutdownTimeString>  
</General>
```

Procedure

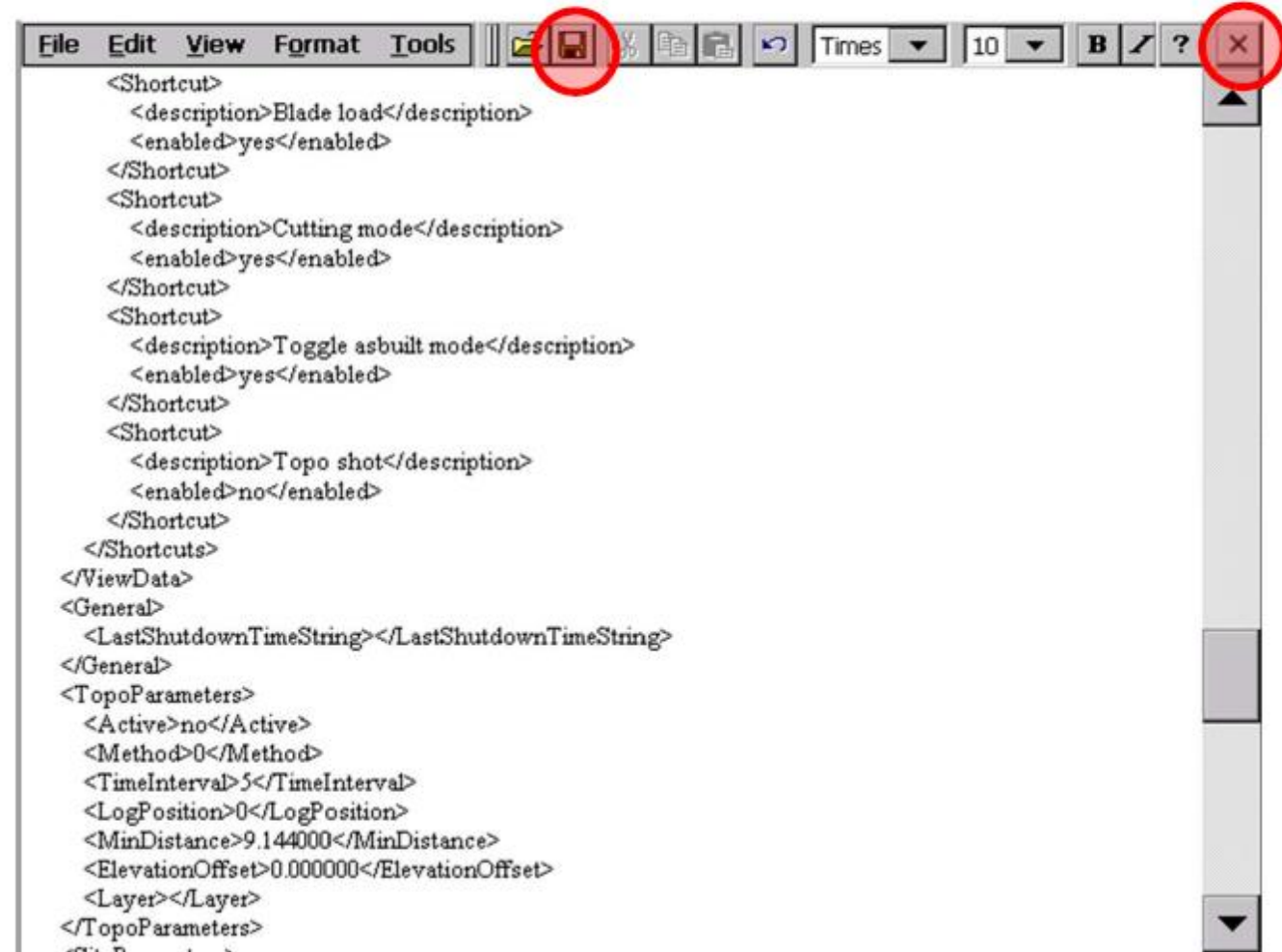
Press “Save” and then press “Close”



“Save”

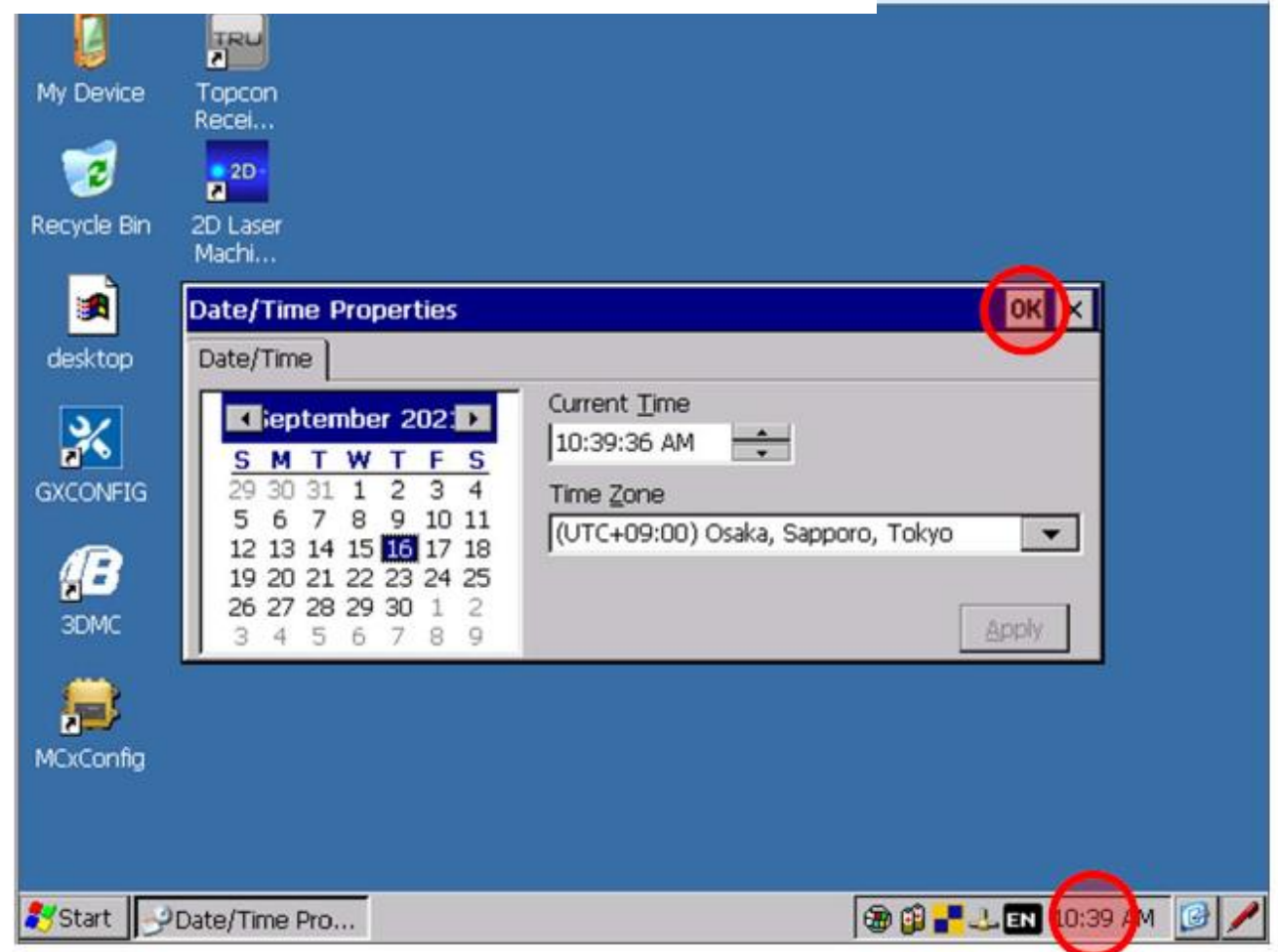


“Close”



Procedure

Double click the clock window which is shown in right bottom of the desktop screen.
Input current time and date then press OK.



Procedure

Boot up 3DMC application once and then Exit 3DMC.

(This “Boot-up” and “Exit” process will store the correct time information into the deleted time information)



Confirmation method

- Redo the steps shown in the Page2 to 7 and open "SITEDATA.XML" and make sure that the time written in <LastShutdownTimeString> is current time.
- The time shown in here is UTC. Please add or reduce the time differences according to your location.

```
<General>  
  <LastShutdownTimeString>20210916013218</LastShutdownTimeString>  
</General>
```