Time - Precision

TP500 Flash Disk operation for TNA

When the TP500 is powered it checks to see if a Flash Drive communication board is fitted. If one is found it is configured and **FD** is shown on the top right of the display.

When the flash disk is plugged in the TP500 will first look for any Names, Parameter and Bells file on the disk. If non are found it will show 'Valid Disk' and you can continue below with collecting clockings.
If a file is found and you wish to load the file go to the **UPLOAD FILES** section of this document.

COLLECTING CLOCKINGS
Plug in the flash disk and wait until the display finally shows:

<div align="center">

Valid Disk
Enter Op code *

</div>

Clock the *Download Clocking Data* badge to start the download operation. A DAT type file is created with a name of todays date. When the download is complete the display shows how many clockings have been transferred to the flash drive and that the clockings memory in the terminal has been cleared. The display will then show:

```
DOWNLOAD
CLOCKING
DATA

Set Time
CHANGE MODE

FLASH DISK BADGE
99999999
```

<div align="center">

Now Remove Disk
Or do next Op *

</div>

Remove the flash disk and download the clockings into TNA using the generic file import.

RECOLLECTING OLD CLOCKINGS This should never need to be used
Plug in the flash disk and wait until the display finally shows:

<div align="center">

Valid Disk
Enter Op code *

</div>

If you need to collect all (3999) of the clockings from the terminals memory use the *Download Full Memory* badge, this will take about 15 minutes to transfer all 3,999 clockings to the flash drive.

```
DOWNLOAD
FULL MEMORY

Set Time
EXIT SET TIME
WITHOUT SAVING
CHANGES

FLASH DISK BADGE
99999994
```

When the download is complete the display shows how many clockings have been transferred, the terminal clockings memory is **not** cleared.
The display will then show:

<div align="center">

Now Remove Disk
Or do next Op *

</div>

SETTING THE TERMINAL DATE/TIME

Plug in the flash disk and the display shows:

Valid Disk
Enter Op code *

Clock the **Enter Set Time Operation** badge to enter time/date setting mode. The display shows the full time (Hours:Minutes:Seconds) on the top row and on the 2nd row the Minutes. The 2nd row always shows the units that are currently being adjusted

Use **Change Mode** to advance to the next units, eg minutes to hours, hours to Day of Week.

To adjust the units shown use the **Count Up** or **Count Down** badge, clocking once will start the count, clocking again will stop it. When any adjustment is made the seconds are set to zero, when the **Save Changes and Exit** is used the time is started from zero seconds.

To quit without saving any changes use the **Exit Set Time without saving changes** badge. This will exit the Set time without doing any changes. On quitting the display shows:

Now Remove Disk
Or do next Op *

Remove the flash disk to return the terminal to the normal operating mode.

- - - - - - - - - - - - - --

This should never need to be used

There is one other operation that may be called with a badge, **Delete all Clockings**. This should <u>never</u> need to be used, the clockings are <u>always deleted</u> from the terminal when the **Download Clocking Data** has completed the transfer to the memory stick.
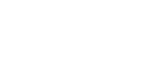
If you do need to clear all the clocking from the terminal then plug in a flash disk and the display shows:

Valid Disk
Enter Op code *

Clock the **Delete all Clockings** badge the display will show:

Use FDC BADGE to
Clear the memory

now clock the **F D C badge** to confirm you want to delete all

clockings and all clockings will be deleted, the display will show:

Now Remove Disk
Or do next Op *

Remove the flash drive to return the terminal to normal operation.

UPLOAD NAMES, PARAMETER AND BELL TIME FILES

Names, Parameter and Bell time files are looked for in that order, if one is found the display will show the file name and the message : **Clock FDC badge to load file.** This message shows for 5 seconds and then it looks for the next file and if one is found the message is shown again.
Clocking the FDC badge will load the file relevant file.
After the check/upload file routine is complete the display will show the normal

Valid Disk
Enter Op code *

Remove the flash drive to return the terminal to normal operation.

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