

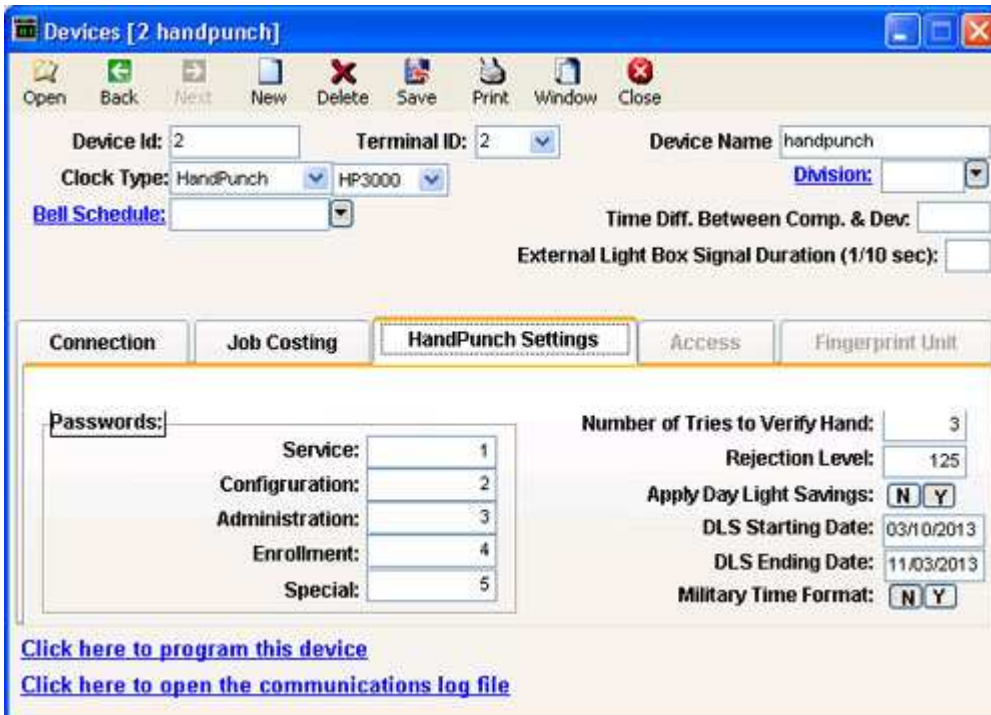
Daylight Saving Time update procedure for Pendulum and Handpunch terminals Version v4_00b20 (Build 20)

Note: The following procedure only applies to Pendulum Build 20 and Handpunch Installations. Correct implementation of this procedure will allow the Handpunch terminals to adjust DST on the correct day.

You do NOT need this DST update if:

- You're only using Handpunch with Pendulum v4_00b30 (Build30) or higher software.
- You're using ADCT's & Handpunch with Pendulum v4_00b30 (Build 30) or higher software.
- You're only using ADCT's with Pendulum v4_0020 (build 20) software.

1. Download the file at <http://www.acroprint.com/docs/downloads/dst-handpunch.zip> and unzip the updated **Pendulum.exe** file.
2. Replace the existing **Pendulum.exe** on your hard drive in the **c:\Pendulum_v4_00b20** directory with the unzipped **Pendulum.exe** file downloaded from step 1.
3. Launch Pendulum and click on *Devices*.
4. Select each HandPunch device and click the *HandPunch Setting* tab.



The screenshot shows the 'Devices [2 handpunch]' window in the Pendulum software. The 'HandPunch Settings' tab is selected. The interface includes a toolbar with icons for Open, Back, Next, New, Delete, Save, Print, Window, and Close. The main area contains several input fields and dropdown menus:

- Device Id: 2
- Terminal ID: 2
- Device Name: handpunch
- Clock Type: HandPunch
- HP3000
- Division: [dropdown]
- Bell Schedule: [dropdown]
- Time Diff. Between Comp. & Dev.: [input field]
- External Light Box Signal Duration (1/10 sec): [input field]

Below these fields are five tabs: Connection, Job Costing, **HandPunch Settings**, Access, and Fingerprint Unit. The 'HandPunch Settings' tab is active and contains the following settings:

Service:	1
Configuration:	2
Administration:	3
Enrollment:	4
Special:	5

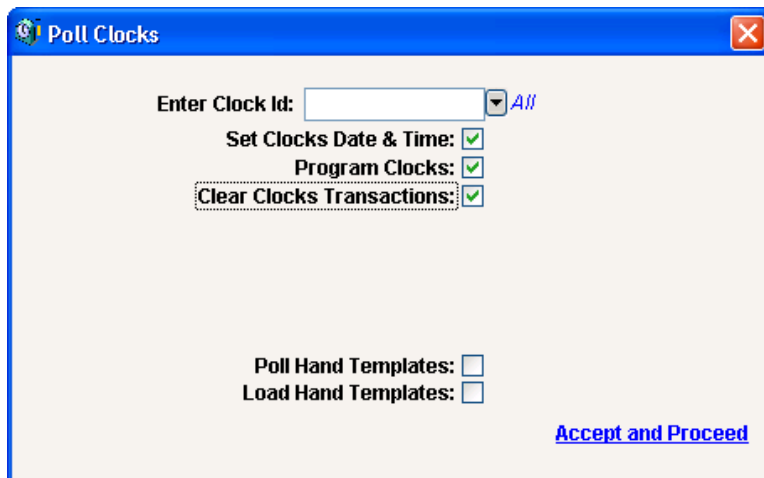
Additional settings on the right side of the tab:

- Number of Tries to Verify Hand: 3
- Rejection Level: 125
- Apply Day Light Savings: Y
- DLS Starting Date: 03/10/2013
- DLS Ending Date: 11/03/2013
- Military Time Format: Y

At the bottom of the window, there are two blue hyperlinks:

- [Click here to program this device](#)
- [Click here to open the communications log file](#)

5. Set *Apply Day Light Savings* to **Y** to use Daylight Saving Time.
6. Enter the *DLS Starting Date* of **03/10/2013**.
7. Enter the *DLS Ending Date* of **11/03/2013**.
8. **Save** your changes.
9. **Repeat this process** for all HandPunch terminals on your system.
10. **Poll and program** all attached HandPunch terminals.



Enter Clock Id: All

Set Clocks Date & Time:

Program Clocks:

Clear Clocks Transactions:

Poll Hand Templates:

Load Hand Templates:

[Accept and Proceed](#)

11. **IMPORTANT:** each year, you must set up the new Daylight Saving Time start and end dates, (steps 6 and 7) and poll/program all HandPunch terminals. For your convenience, here is a list of future Daylight Saving Time start and end dates for the USA.

- 2014 Start: Mar 9; End: Nov 2
- 2015 Start: Mar 8; End: Nov 1
- 2016 Start: Mar 13; End: Nov 6