# 1. NVRAM Reset Procedure

The NVRAM (Metering/Previous Games Data) may be cleared by the following procedure:

1. Switch the power to the EGM **OFF**.
2. Open logic door.
3. Press and hold the **RAM CLEAR** button (SW1) on the I/O PCB.
4. Switch the power to the EGM **ON**.
5. Release button when a screen instructing you to do so appears.
6. Select **YES** to clear ram.

For some jurisdictions, the following alternative NVRAM Reset procedure may also apply. When an "Unrecoverable Memory Corruption" error, "Self-audit" error, or "Pentium Code Changed" error is detected, the NVRAM may be reset through the "Error Recovery" menu available in audit mode.

To enter audit mode, turn the key to "Accountancy" position, a menu titled **RAM ERROR RECOVERY MENU – AUDIT MODE** will then appear. The menu contains selectable items: "Metering Information", "Previous Games History" and "Error Recovery". To verify any meters or previous game information before erasing the memory, select relevant menu item. To erase NVRAM and recover from the lockup disabled state select "Error Recovery", open main door and select YES to the question **Reset NVRAM YES/NO.**
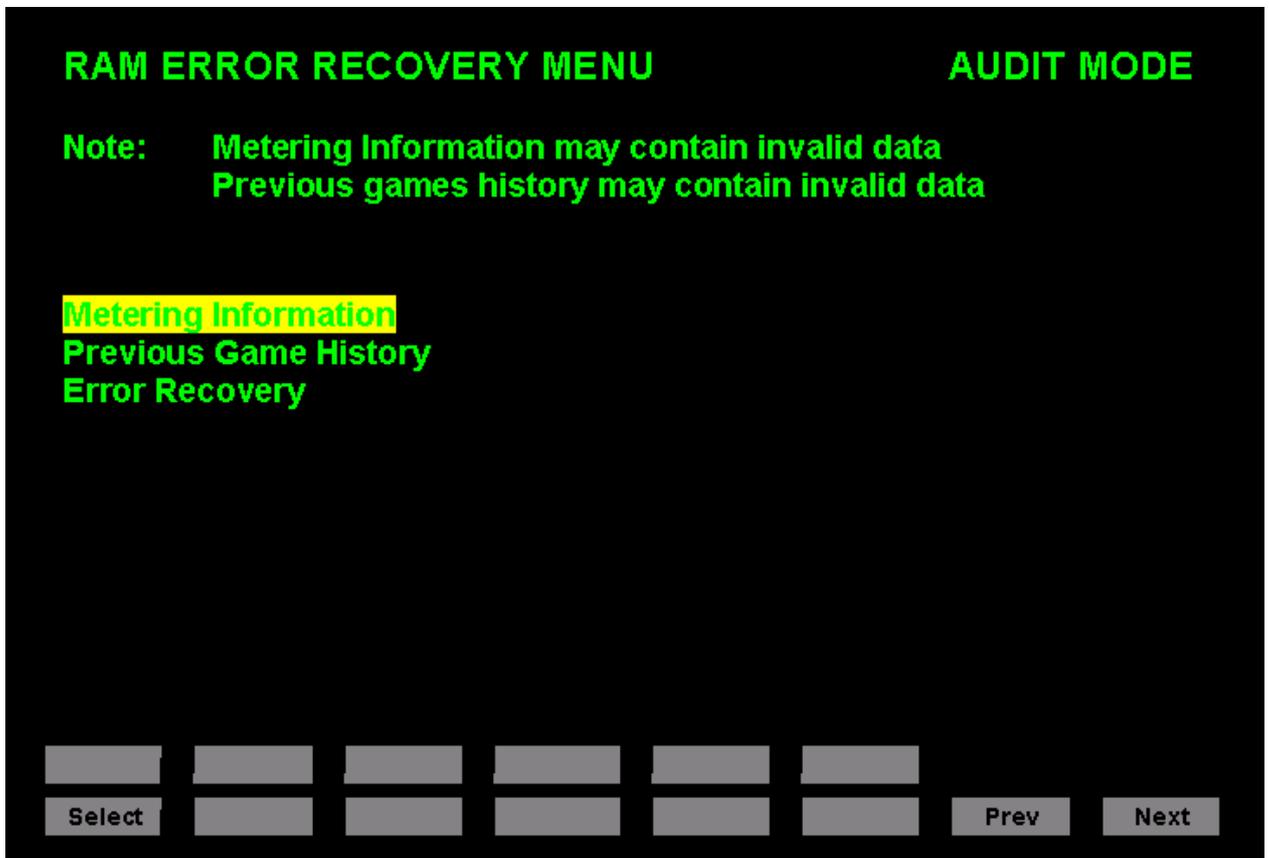
It takes 2 to 4 seconds to clear NVRAM and when cleared, machine setup menus appear in sequence.   Select the required machine options for: Hardware, Software, Banknote Enable/Disable and Standard Machine Setups. Set date & time from set machine options⟹ real time clock setup.   Turn key to neutral position to exit from audit mode menus.

## 2.	Set Machine Options

The set machine options screen appears as below:
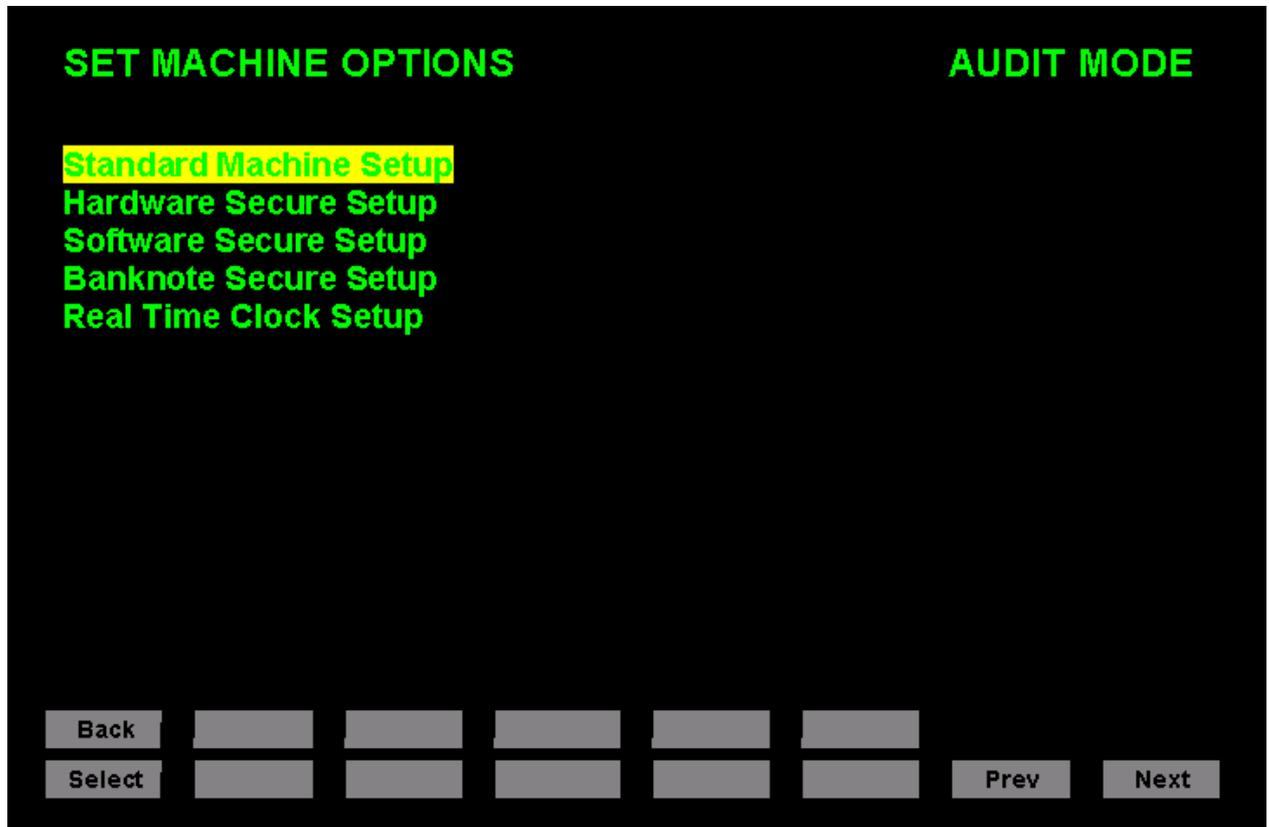
Pressing the **Back** button will return the screen to the "Main" menu.

Pressing the **Select** button will select the highlighted option on the screen.

The highlighter can be scrolled up and down using **Prev (GAMBLE)** and **Next (TAKEWIN)** buttons.

2.1   Standard Machine Setup

The standard machine setup screen appears as below:
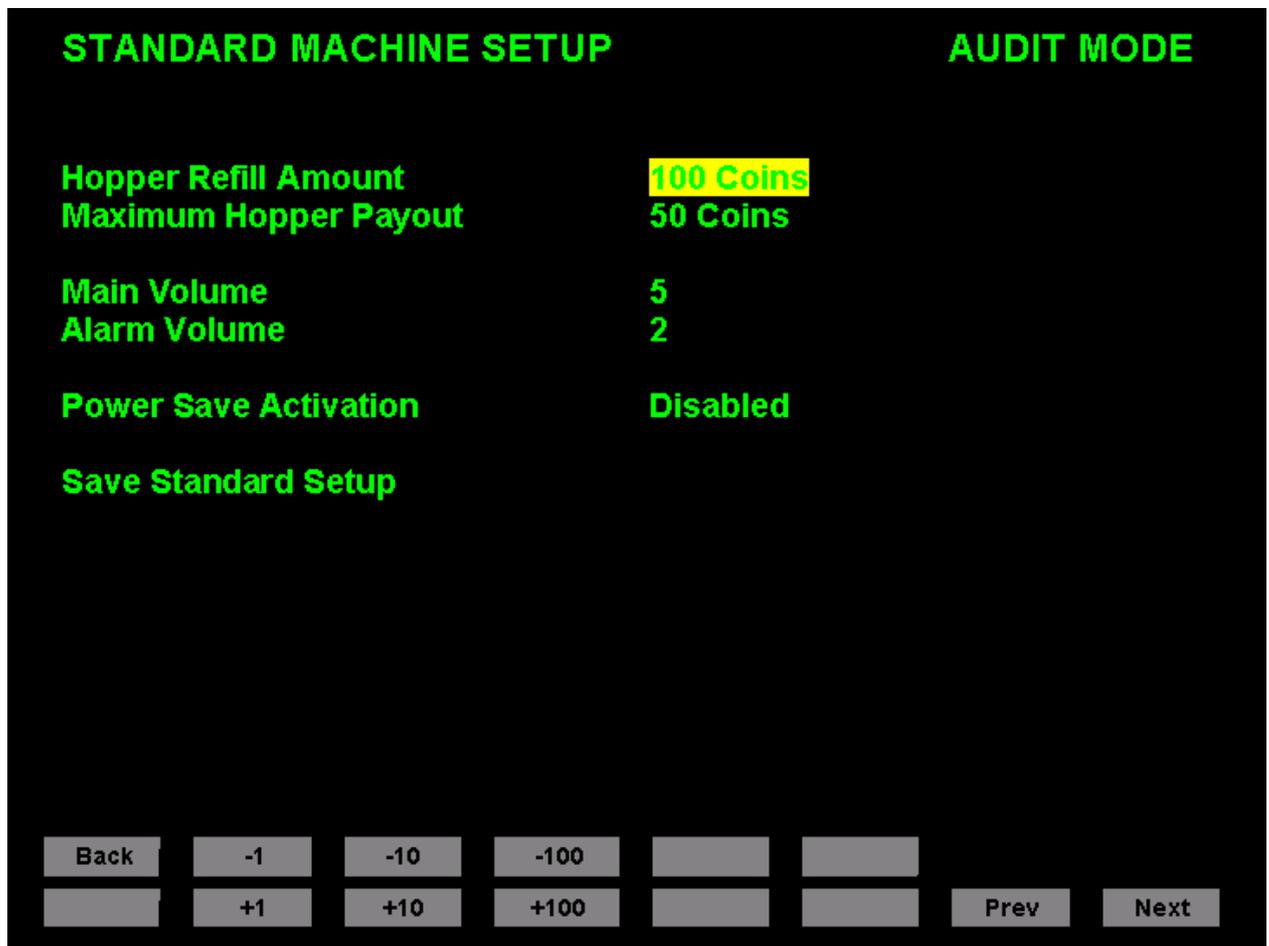
```
STANDARD MACHINE SETUP                    AUDIT MODE


Hopper Refill Amount          100 Coins
Maximum Hopper Payout         50 Coins

Main Volume                   5
Alarm Volume                  2

Power Save Activation         Disabled

Save Standard Setup




    Back      -1      -10     -100

              +1      +10     +100                   Prev     Next
```

Pressing the **Back** button will return the screen to the "Set Machine Options" menu (ref. Page 3).

The **–1, -10, -100, +1, +10, +100** buttons can be used to set required value to highlighted option.

The highlighter can be scrolled up and down using **Prev** and **Next** buttons.

Select "Save Standard Setup" to save all the values.

2.2 Hardware Secure Setup

The hardware secure setup screen appears as below:
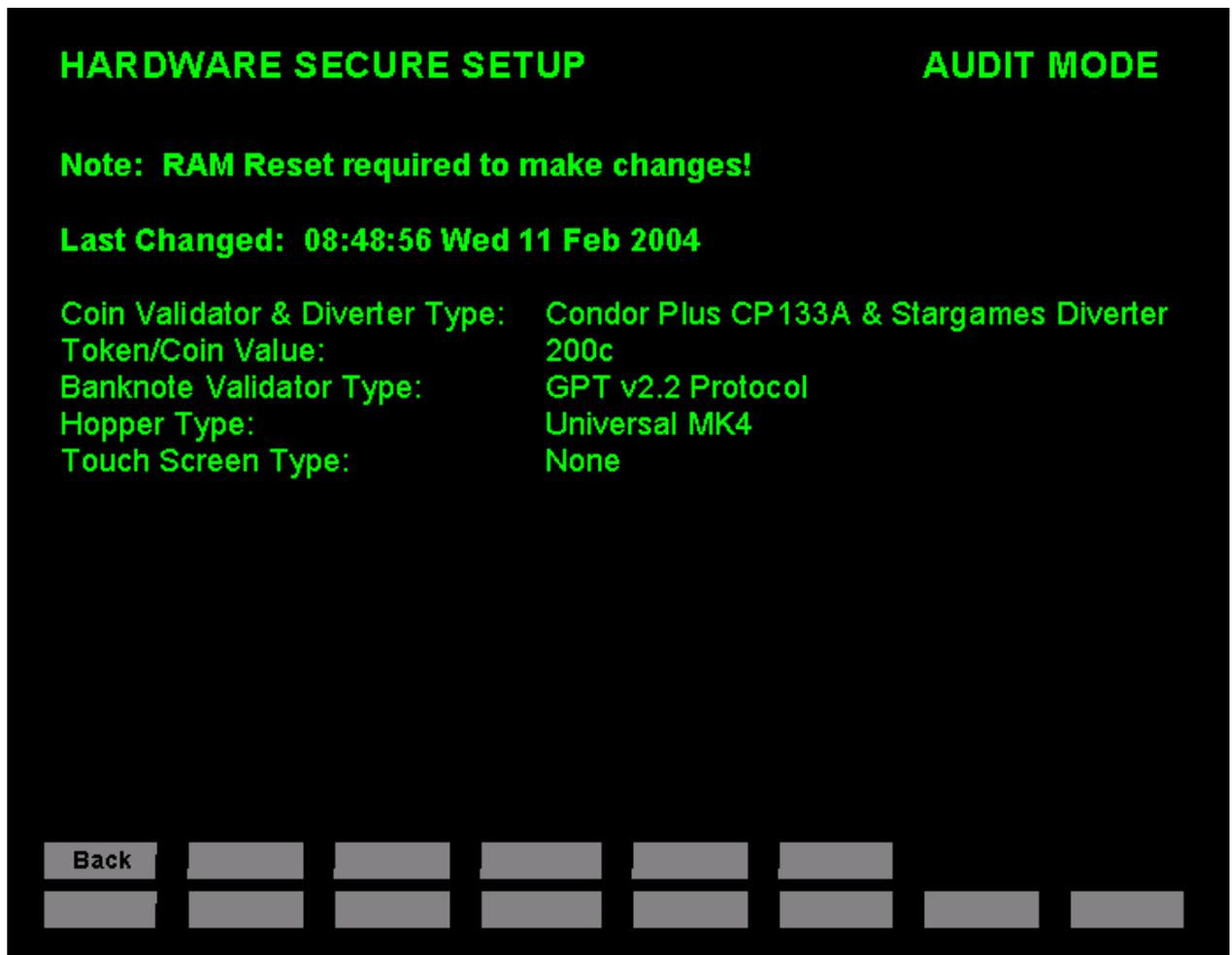
```
HARDWARE SECURE SETUP                    AUDIT MODE


Note:  RAM Reset required to make changes!

Last Changed:  08:48:56 Wed 11 Feb 2004

Coin Validator & Diverter Type:   Condor Plus CP133A & Stargames Diverter
Token/Coin Value:                 200c
Banknote Validator Type:          GPT v2.2 Protocol
Hopper Type:                      Universal MK4
Touch Screen Type:                None




 Back
```

Pressing the **Back** button will return the screen to the "Set Machine Options" menu (ref. Page 3).

Select "Save Setup" to save all the values. Saving is allowed **ONLY** after a RAM reset.

2.3 Software Secure Setup

The Software Secure Setup screen appears as below:
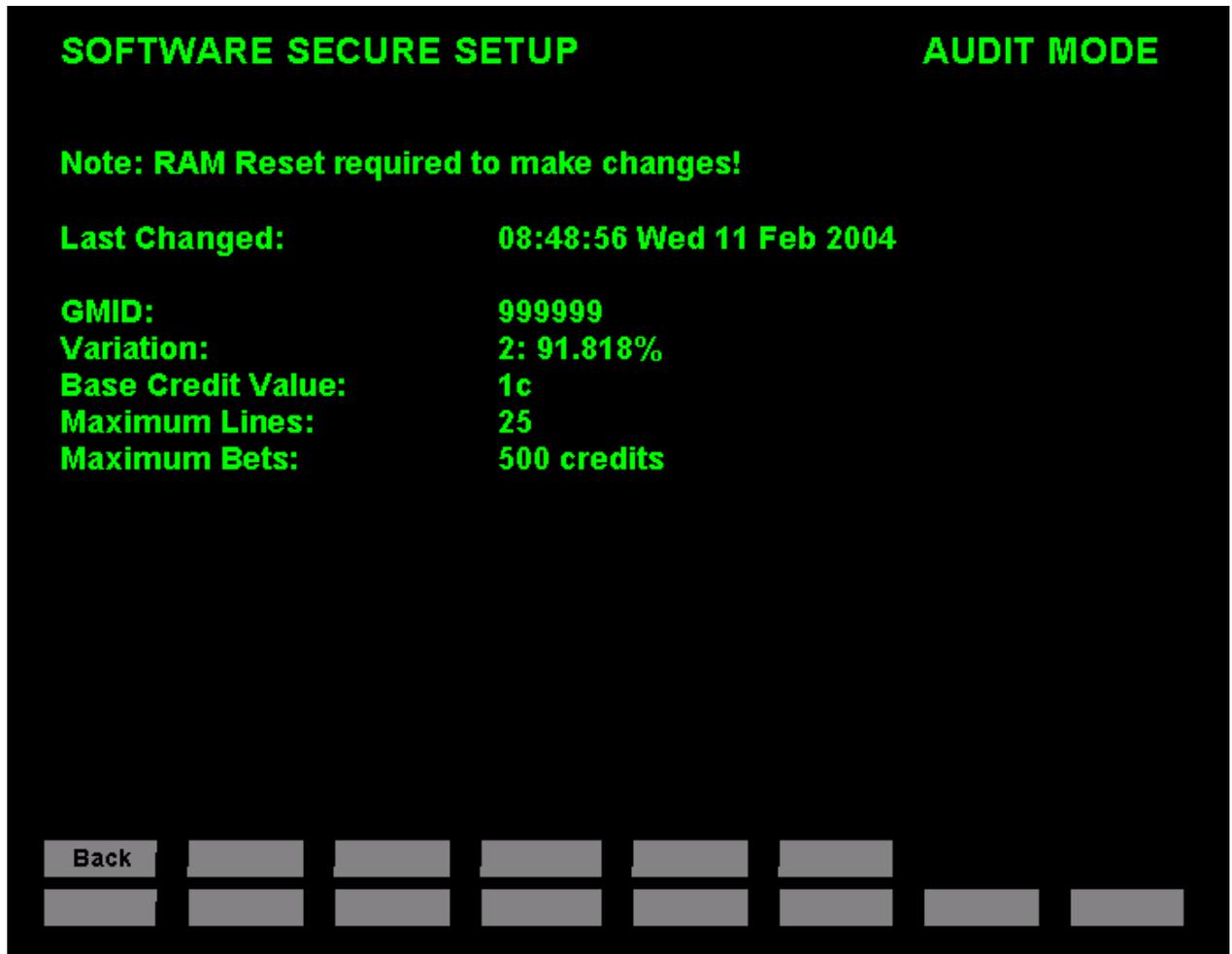
```
SOFTWARE SECURE SETUP                    AUDIT MODE


Note: RAM Reset required to make changes!

Last Changed:              08:48:56 Wed 11 Feb 2004

GMID:                      999999
Variation:                 2: 91.818%
Base Credit Value:         1c
Maximum Lines:             25
Maximum Bets:              500 credits




Back
```

Pressing the **Back** button will return the screen to the "Set Machine Options" menu (ref. Page 3).

Select "Save Setup" to save all the values. Saving is allowed **ONLY** after a RAM reset.

2.4 Banknote Secure Setup

The banknote secure setup screen appears as below:
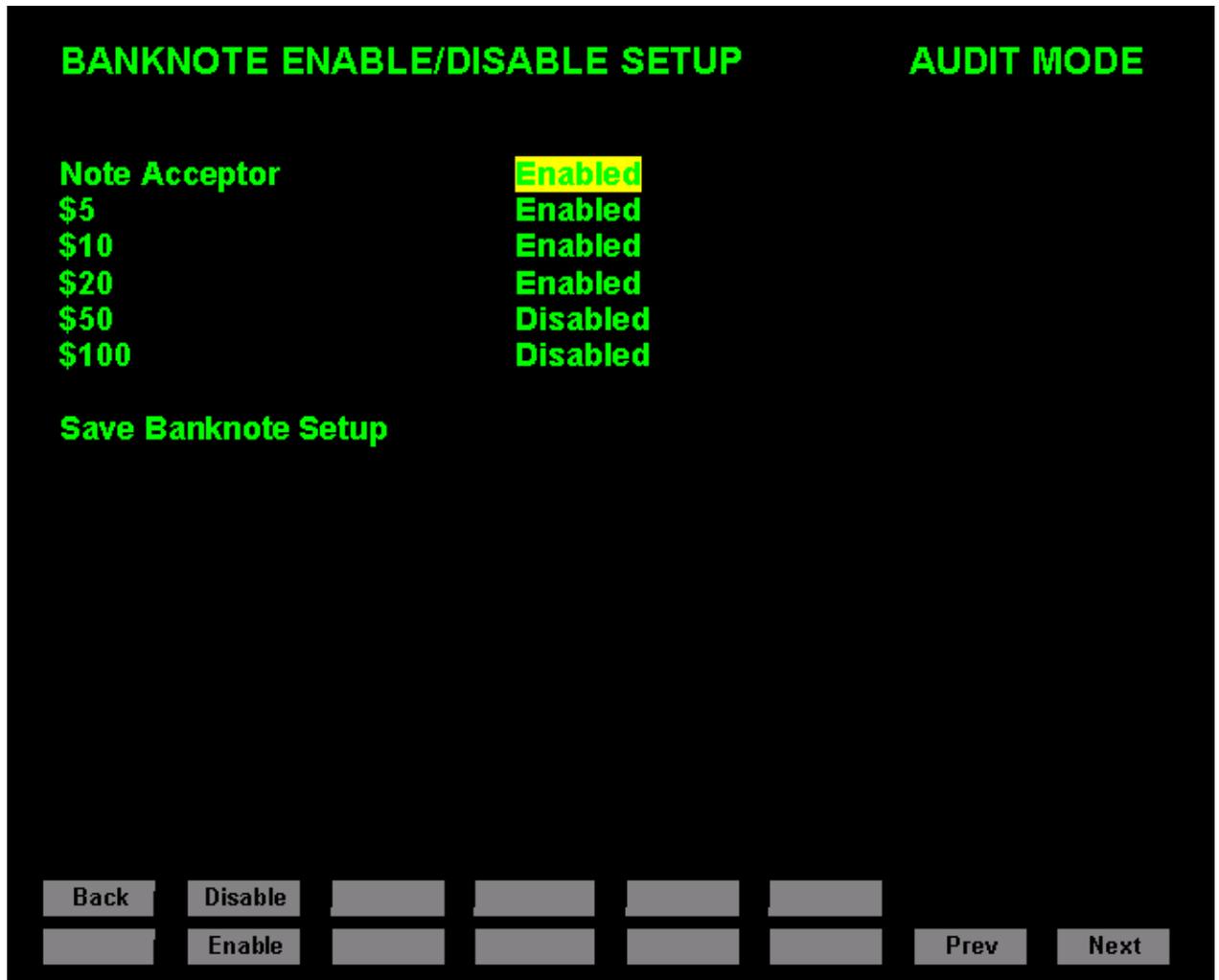
Pressing the **Back** button will return the screen to the "Set Machine Options" menu (ref. Page 3).

The **Disable** and **Enable** buttons can be used to set the required value to highlighted option. $50 and $100 must be disabled.

The highlighter can be scrolled up and down using **Prev** and **Next** buttons.

To save all values entered, select "Save Banknote Setup" then open and close the main door.

2.5 Real Time Clock Setup

The real time clock setup screen appears as below:

```
REAL TIME CLOCK SETUP                      AUDIT MODE


Year:                    2004
Month:                   Feb
Day:                     11
Hour (24):               12
Minute:                  30
Second:                  45

Save Setup




  Back      -1      -10
  Select    +1      +10                              Prev    Next
```

Pressing the **Back** button will return the screen to the "Set Machine Options" menu (ref. Page 3).

The "**-1, -10, +1, +10**" buttons can also be used to set the required values to a highlighted option.

The highlighter can be scrolled up and down using "**Prev**" and "**Next**" buttons.

To save all values entered, select "Save Setup".

2.6 Error Recovery

An example error recovery screen is shown below:
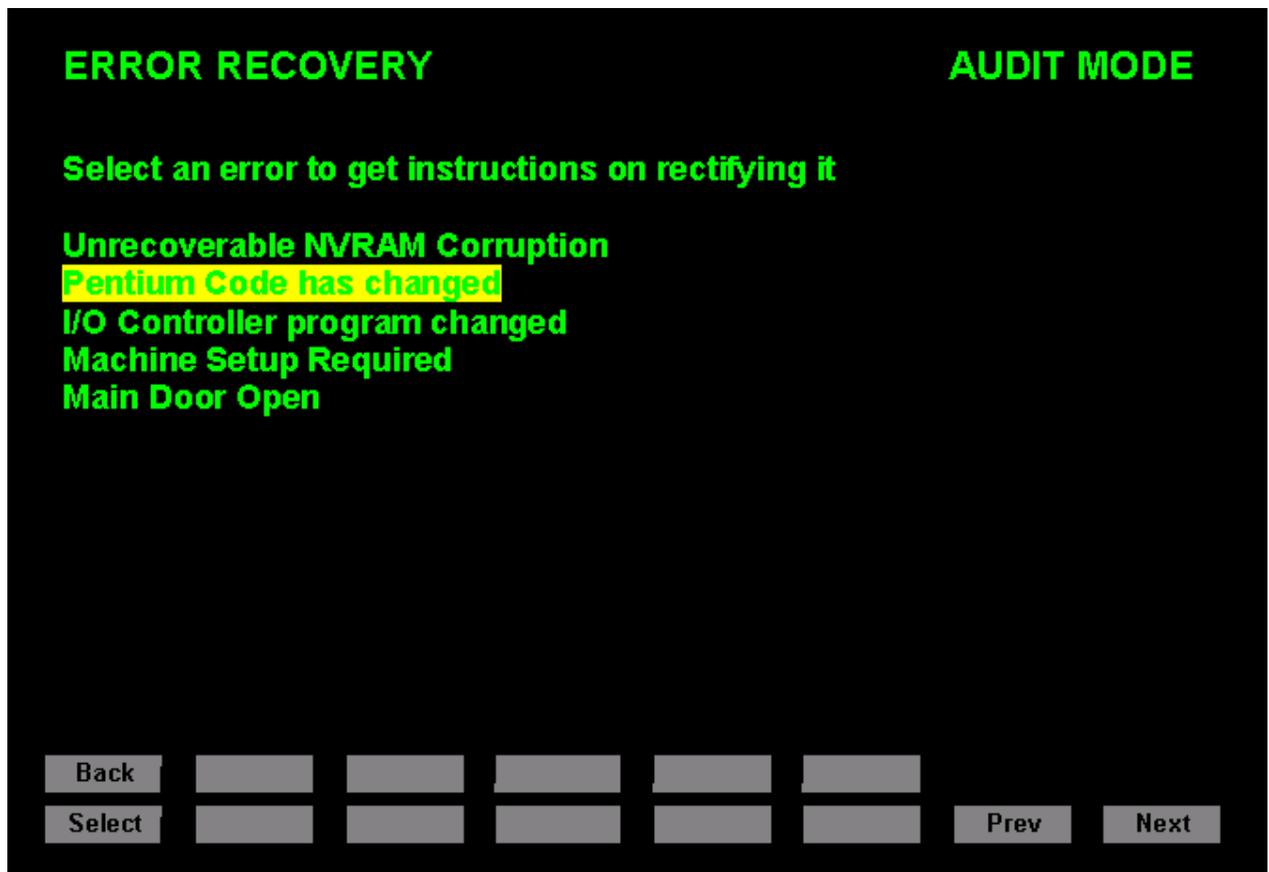
Pressing the **Back** button will return the screen to the "Main" menu.

Pressing the **Select** button will display instructions on how to recover from the error selected.

The error messages can be cleared, after clearing the error condition, by turning the key to attendant position. If this does not correct the fault a ram clear may be necessary.