SCBD Load Cell
Update Instructions
for the 825D

Cardinal
Cardinal Scale Manufacturing Co.

IMPORTANT! Make sure the 825D-DLC card has been updated to the current version software (which includes the appropriate SCBD load cell image).

1. Turn on power to the 825D. The display should show the 825 startup screen.

```
CARDINAL 825
Item           Version    01 cards ⬚⬚⬚⬚⬚⬚⬚⬚⬚
MnBd DLC       1.21.025   Slot Type    Version
Loader         1.10.022    1   DLC     1.00.017
OS/Std Apps    1.12.027




1. Application program

2. Standard indicator

3. Legal metrology information / Setup

4. Digital Scale Diagnostics
MAC Address:  70:B3:D5:48:85:84
```
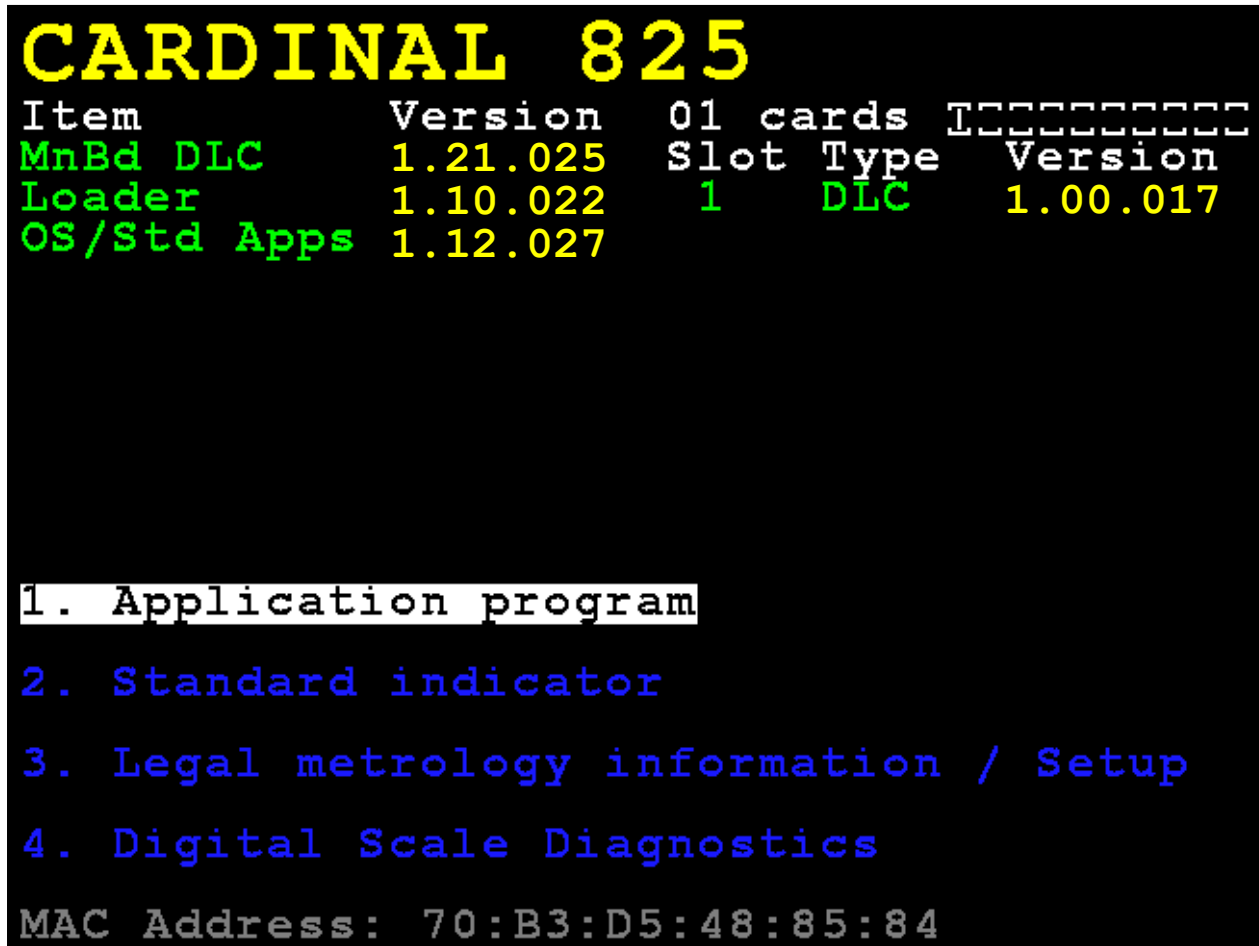
2. Press the **3** key to select **3. Legal metrology information / Setup** or use the Navigation Keys ▽ Down Arrow or △ UP Arrow to (highlight) **3. Legal metrology information / Setup** and then press the **ENTER** key.

3. With the `Legal metrology information / Setup` screen displayed, press the **3** key to select `3. Setup menu` or use the Navigation Keys ▽ Down Arrow or △ UP Arrow to (highlight) `3. Setup menu` and then press the **ENTER** key.

⚠ NOTE: The Setup Login may be required.

Legal metrology information / Setup
Press:
1. View event counters
2. View certifications / ID information
3. Setup menu

MAC Address: 00:CF:34:DE:BF

4. With the **Login** screen and prompt displayed, use the alphanumeric keys to enter the Login, and then press the Navigation Keys ▽ Down Arrow to advance to the password prompt.

Enter the Password using the alphanumeric keys, and then press the **ENTER** key to proceed to the Setup Menu.

```
Login                                09/20/2021
Login:      ADMIN
Password:   *****_




                          


                           

MAC Address: 00:CF:34:DE:BF
```

5. With the Setup Menu displayed, press the **3** key, or use the Navigation Keys to select (highlight) **3. Calibration**, and then press the **ENTER** key. The display will change to show the **Setup Scale Number** screen.

```
Setup Menu
Press:
1. Date/Time
2. Communication
3. Calibration
4. Update software menu
5. Preferences
6. Diagnostics
7. Operators



MAC Address:  70:B3:D5:48:85:84
```

6. With the Setup Scale Number screen displayed, press the **D** key, or use the Navigation Keys to select (highlight) `D. Configure DLC`, and then press the **ENTER** key. The display will change to show the `Setup DLC Card 1` screen.

```
Setup Scale Number


1. Scale 1            T. Total

                      D. Configure DLC
```

7. Leave the `Scales:`, `Cells:`, and other settings unchanged and press the **ENTER** key.

```
Setup DLC Card 1

Scales:       1    iSITE SO:123456
Cells:        8    DHCP:      Yes
First Cell:   1
Last Cell:    2



               Man DNS:  No



               Advanced: No
```

8. The display will change to show the **DLC CARD 1 CELL ASSIGNMENT** screen.

```
DLC CARD 1 CELL ASSIGNMENT

  Num      Cell ID    Scale     Unassigned ID
>   1    1D6BFF0F       1
    2    15D64531       1
    3    0B5B616F       1
    4    101BA5C1       1
    5    115DC621       1
    6    049AED9F       1
    7    0B2E2ECF       1
    8    0AF79DC1       1




  Use navigation keys to move selection
  Press SPACE to configure selected item
  Press 'U' to unassign selected item
```
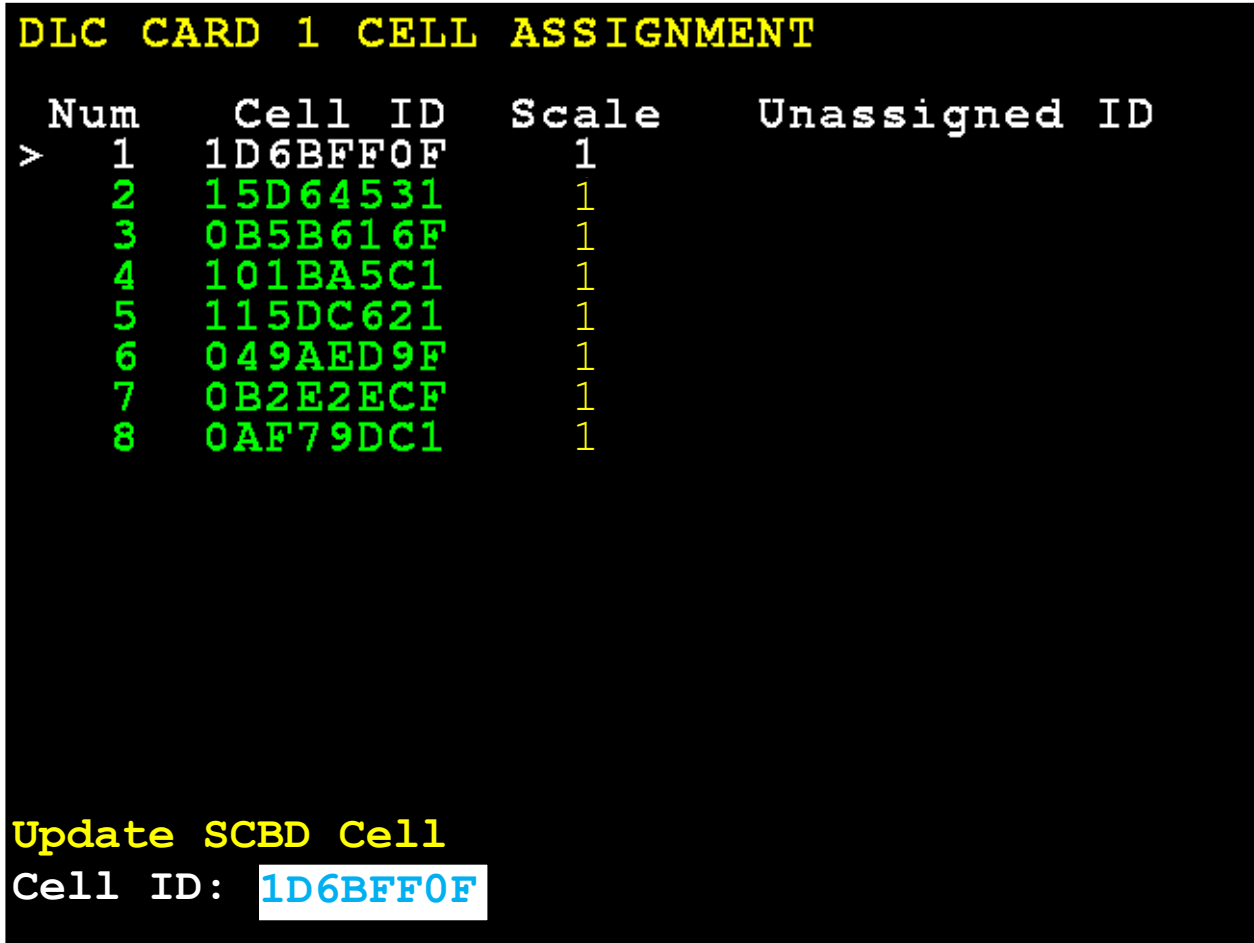
9. With the `DLC CARD 1 CELL ASSIGNMENT` screen displayed, use the Navigation Keys to select a cell ID, and then press the **F** key to initiate the cell software update.

10. The display (at the bottom of the screen) will prompt for the Cell ID to update.

> **NOTE:** By default, the screen will show the cell ID that was selected in the previous step. However, any cell ID may be entered if preferred

```
DLC CARD 1 CELL ASSIGNMENT

  Num      Cell ID    Scale      Unassigned ID
>   1    1D6BFF0F       1
    2    15D64531       1
    3    0B5B616F       1
    4    101BA5C1       1
    5    115DC621       1
    6    049AED9F       1
    7    0B2E2ECF       1
    8    0AF79DC1       1




Update SCBD Cell
Cell ID: 1D6BFF0F
```

11. The updating process will begin, and the display (at the bottom of the screen) will change to show that the process is starting.

```
DLC CARD 1 CELL ASSIGNMENT

 Num      Cell ID    Scale    Unassigned ID
>  1    1D6BFF0F       1
   2    15D64531       1
   3    0B5B616F       1
   4    101BA5C1       1
   5    115DC621       1
   6    049AED9F       1
   7    0B2E2ECF       1
   8    0AF79DC1       1




Update cell 1D6BFF0F starting
   0 % complete
```

The process may take a couple of minutes to update the load cell. During the updating process, the display (at the bottom of the screen) will be updated with the percentage of the process completed.

```
DLC CARD 1 CELL ASSIGNMENT

 Num      Cell ID    Scale    Unassigned ID
>   1    1D6BFF0F       1
    2    15D64531       1
    3    0B5B616F       1
    4    101BA5C1       1
    5    115DC621       1
    6    049AED9F       1
    7    0B2E2ECF       1
    8    0AF79DC1       1




Update cell 1D6BFF0F running
 79 % complete
```

12. When the process is finished, the display (at the bottom of the screen) will show:

```
Update cell 1D6BFF0F success,
100 % complete       Press any key.
```

Note that the Cell ID shown is for illustration purposes only. Your Cell ID will be different.

```
DLC CARD 1 CELL ASSIGNMENT

 Num      Cell ID    Scale     Unassigned ID
>   1    1D6BFF0F       1
    2    15D64531       1
    3    0B5B616F       1
    4    101BA5C1       1
    5    115DC621       1
    6    049AED9F       1
    7    0B2E2ECF       1
    8    0AF79DC1       1




Update cell 1D6BFF0F success
100 % complete       Press any key
```

13. Press any key to return the display to the **DLC CARD 1 ASSIGNMENT** screen.

Repeat step 9 to update the remaining load cells.

```
DLC CARD 1 CELL ASSIGNMENT

 Num      Cell ID    Scale     Unassigned ID
>   1    1D6BFF0F       1
    2    15D64531       1
    3    0B5B616F       1
    4    101BA5C1       1
    5    115DC621       1
    6    049AED9F       1
    7    0B2E2ECF       1
    8    0AF79DC1       1




Use navigation keys to move selection
Press SPACE to configure selected item
Press 'U' to unassign selected item
```

14. When all load cells have been updated, press **ESCAPE** to return to the Startup Screen and then press the **4** key to select `4. Digital Scale Diagnostics` or use the Navigation Keys ▽ Down Arrow or △ UP Arrow to (highlight) `4. Digital Scale Diagnostics` and then press the **ENTER** key.

```
CARDINAL 825
Item           Version    01 cards  ▯▯▯▯▯▯▯▯▯▯
MnBd DLC       1.21.025   Slot Type   Version
Loader         1.10.022    1    DLC    1.00.017
OS/Std Apps    1.12.027




1. Application program

2. Standard indicator

3. Legal metrology information / Setup

4. Digital Scale Diagnostics

MAC Address:  70:B3:D5:48:85:84
```

15. With the `Digital Load Cell Diagnostics` screen displayed, press **N** for Next until the screen changes to show `Load Cell IDs / Software Versions`.
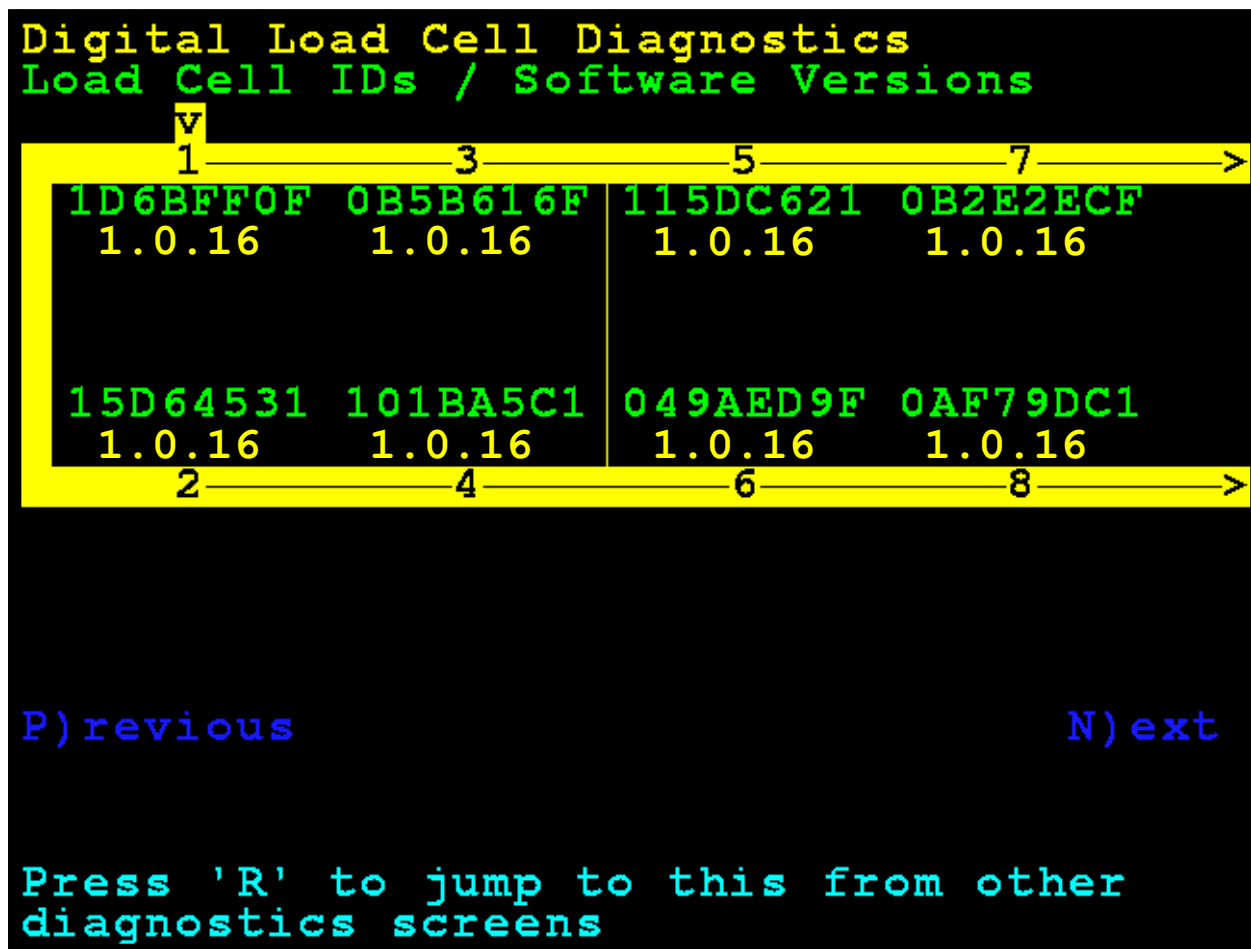
16. With the `Load Cell IDs / Software Versions` screen displayed, ensure that all load cells show the correct software versions.

17. When the software version in all load cells has been verified, press **ESCAPE** to return to the Startup Screen.