Release Notes

English

Darwin

version 6.5

653-00071H

www.creo.com

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Contents

Introduction 1

Accessing the Latest Version of Darwin ... 1
What Is in These Release Notes ... 1

New Features 2

Darwin 6.5 - Desktop and Pro ... 2
QuarkXPress 6.5 ... 2
Speed Enhancements ... 2
Darwin 6.5 - Pro ... 2
POSTnet (Postal Numeric Encoding Technique) Font ... 2
VIPP Output ... 2
Prefix and Suffix in Chart ... 2
Darwin 6.1 - Desktop and Pro ... 3
Style Database ... 3
Empty Box Omit ... 3
Darwin 6.1 - Pro ... 3
Darwin Hot Folders ... 3
Dynamic Page Exceptions ... 4
Smart Look Up ... 4

Problems Fixed 5

Darwin 6.5 ... 5
Embedded Fonts in VPS ... 5
UNIX End of Line Character ... 5
PPD Comments ... 5
Optimize PostScript ... 5
Hot Folders ... 5
Printing from Data Window ... 5
Drag and Drop From Layout to Page View ... 5
Library ... 5
Embedded Fonts ... 6
OPS Output ... 6
Darwin 6.1 ... 6
Charts ... 6
Crop Marks ... 6
Custom Delimiter ... 6

Upgrade Procedure 7

System Requirements ... 7
Obtaining your Dongle Serial Number ... 7
Easy Install Workflow ... 8
Registering the Dongle ... 13

Limitations 15

Duplicating Jobs ... 15
Auto Leading ... 15
Library Images ... 15
Database Tags ... 15
Import Database ... 15

Edit Job 15
Charts 15
DBF Files Range Importing 15
Importing From a CD-ROM 16
Page Rule 16
Different Size Layouts 16
QuarkXPress Features 16
AppleTalk Protocol 17
Installing Darwin 17

Known Problems 18

Database Error: Failed to connect to database 18
Image Rule 18
Deleting a Database 18

Recommendations 19

QuarkXPress v6.1, 6.5 19
Mac OS X 19
Building Jobs 19

Introduction

We are pleased to send you the latest revision of Darwin™ software. These release notes highlight the changes and improvements that were made to release version 6.1 and version 6.5 of Darwin software. Where appropriate, they refer you to the Darwin version 6.5 User Guide (part number 731-00153C) for more information. Changes made after the User Guide was published are described in detail in these release notes.

Accessing the Latest Version of Darwin

For the latest version of the Darwin software, please refer to the Darwin Web pages at: http://www.creo.com/darwin.

What Is in These Release Notes

The release notes include the following sections:

New Features—describes new menu commands, options, windows, or dialog boxes that were added to Darwin software.

Problems Fixed—lists problems in the previous release of Darwin that are now resolved.

Upgrade Procedure—provides information that you need to upgrade to Darwin version 6.5 from version 4.5.

Limitations—lists the limitations in this Darwin release.

Known Problems—lists problems that are not yet resolved.

Recommendations—lists recommendations for working with Darwin. It provides tips on how to deal with typical situations or problems that you may encounter.

New Features

This section lists features that were added in the new release of Darwin software. For more information on these features, refer to the *Darwin version 6.5 User Guide*.

Darwin 6.5 - Desktop and Pro

Darwin Desktop and Darwin Pro have the following new features in 6.5:

QuarkXPress 6.5

Darwin now supports QuarkXPress™ 6.5.

The Darwin 6.5 installer is compatible for both QuarkXPress 6.1 and QuarkXPress 6.5. If you installed Darwin 6.5 on QuarkXPress 6.1 and are updating to QuarkXPress 6.5, rerun the Darwin 6.5 installer.

Speed Enhancements

VPS generation speed is now between 10% and 30% faster.

Darwin 6.5 - Pro

Darwin Pro has the following additional new features in 6.5:

POSTnet (Postal Numeric Encoding Technique) Font

Darwin Pro now provides the postnet font to enable you to create the POSTnet barcode. You must provide a reliable five-digit ZIP code, a 4-code and address, and enter it in the correct structure, according to USPS regulations. Darwin does not match the validity of this information with the USPS database.

The postnet font is located on the Darwin Installation CD.

VIPP Output

Darwin Pro can now output to VIPP. This feature is optional, and is enabled by purchasing a software license.

Prefix and Suffix in Chart

When creating a pie chart, you can now add a prefix and a suffix to the data label. For example, currency.

Darwin 6.1 - Desktop and Pro

Darwin Desktop and Darwin Pro have the following new features in 6.1:

Style Database

If a text file has text with tagged attributes, then Darwin can recognize the tags. For example, <B>John would be “John” in bold face and <I>Nancy would be “Nancy” in italics.

In the Darwin CoPilot, there is a new option in the VI Properties area: **Is Styled Text**. When you select this option, the text tags are hidden and the text is displayed with the correct attributes.

In addition, Darwin now recognizes tags that were applied to data in the database file.

Empty Box Omit

In cases where a picture box and a text box overlap, the text is adjusted to wrap around the image in the picture box. If there is no image in the picture box, the box can be omitted by selecting the **Omit box if empty** option in the VI Properties area of the Darwin CoPilot. This is useful when an image rule results in an empty box that you would then want to omit. QuarkXPress updates the file so that text and anchored boxes can be reflowed.

Darwin 6.1 - Pro

Darwin Pro has the following additional new features in 6.1:

Darwin Hot Folders

This new feature automates the procedure for importing a new database file and performing a print run for existing jobs that have a new database.

To setup and use the hot folder feature for an existing job, there are three main steps. Firstly, create a hot folder for an existing print run. The print run is associated to a specific job. Secondly, open the Hot Folder Manager, from where you can monitor the progress of the files that you are processing in the hot folder. Lastly, in the Finder, drag the new database file to the hot folder. Darwin accesses the database where the specific job resides, sets the job to be the current job, imports the new database file, and executes a print run.

The hot folders can easily be integrated with variable data printing over the web. This is where you set up a website where variable data can be entered. Then, as frequently as you set, this data can be automatically moved to the hot folder, where it is automatically processed and a print run initiated.

Dynamic Page Exceptions

Darwin now supports dynamic page exceptions. By using the dynamic page exceptions in Darwin, you can set different paper attributes for each Darwin page. This means that in printing, the paper used for the Darwin pages will be printed from different trays in the printer, according to the paper type required for each page.

Smart Look Up

If an Image or Text rule is set to match a field and image, Darwin first searches for an exact match between the field name and the image name. If an exact match is not found, Darwin will search for the closest match. Any prefix or suffix will not affect the search. For example, if the field name is **1234**, the database searches for an image with the string **1234** in its name. In this case, for example, **pic_1234**, **21234** and **1234**.tif would all be acceptable matches. If there is any ambiguity, i.e. more than one match is found, an error message appears for this record when the print run is generated. In situations where more than one match is found, the preview will not work when you preview the record.

Problems Fixed

Darwin 6.5

This section lists problems that are resolved in the Darwin 6.5 software.

Embedded Fonts in VPS

In this version, embedded fonts no longer disappear from the VPS file when imported to QuarkXPress and printed with Darwin and PrintXT.

UNIX End of Line Character

In this version, Darwin recognizes the end of line character in UNIX data files.

PPD Comments

In this version, Darwin supports PPD comments (Duplex, simplex, and more).

Optimize PostScript

In this version, the Optimize PostScript output is more stable.

Hot Folders

In previous versions of Darwin, QuarkXPress failed to respond when you dragged a job to a hot folder that was set to **Print to File**. This problem has been fixed in the current release.

Printing from Data Window

In this version, printing selected records from the Data window works correctly.

Drag and Drop From Layout to Page View

In this version, files dragged from Layout to Page View now retain the order in which they were displayed in Layout.

Library

In previous versions, the library crashed when large amounts of text and images were added. In this version, there is no limit imposed to the amount of text and images you can add to the library. In addition, in this version, it now takes less time to add texts and images to the library.

Embedded Fonts

In this version, when using Darwin with APR printing, the font inside EPS images is now embedded into the VPS.

OPS Output

In previous versions of Darwin, using OPS output with blends resulted in a postscript error. This problem has been fixed in the current release. In addition, in this version, running OPS is optimized on the Xerox DocuColor.

Darwin 6.1

This section lists problems that are resolved in the Darwin 6.1 software.

Charts

The following problem was listed as a limitation in the previous Darwin release:

- Decimal numbers are not supported in pie charts. When creating a pie chart, the data label shows a whole number only.

  This problem has been fixed in the current release.

Crop Marks

In previous Darwin versions, sometimes crop marks shifted or were not shown in the QuarkXPress file. This problem has been fixed in the current release.

Custom Delimiter

When you import a database file, the custom delimiter option does not work.

Upgrade Procedure

There are two Darwin versions, Darwin Desktop 6.5 and Darwin Pro 6.5. Each version is enabled by a dongle with a unique license. Users of older Darwin versions (for example version 4.5) can upgrade to either Darwin Desktop 6.5 or Darwin Pro 6.5 by registering their current dongle with a new license number.

The upgrade procedure is the same for upgrading to either Darwin Desktop or Darwin Pro. The configuration type depends on the license number.

The upgrade procedure is broken into the following main steps:

1. Obtain your dongle serial number and licence key.
2. Perform the Easy Install workflow.
3. Register your dongle.

System Requirements

- Power Macintosh® G3 or later
- 128 MB available memory
- Mac OS X version 10.3
- The correct Creo PPD (depends on the system to which you are printing)
- QuarkXPress 6.0. or QuarkXPress Passport for Macintosh
- 500 MB disk space
- HASP 4 Dongle

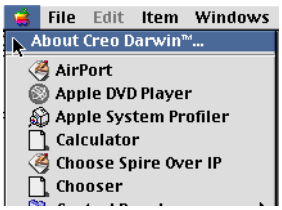
Obtaining your Dongle Serial Number

If you have Darwin version 4.5 and are upgrading to Darwin Desktop or Darwin Pro, or if you are upgrading from Darwin Desktop to Darwin Pro, you can use your current dongle, but you need to receive a new licence key number.

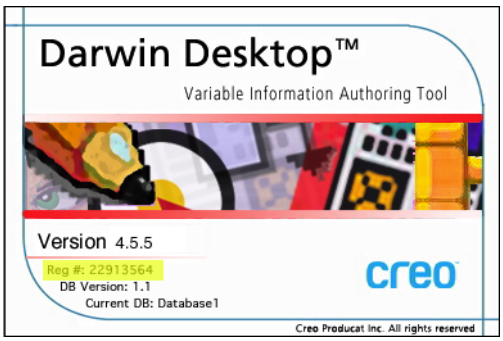
Before beginning the upgrade, you need to send in your dongle serial number and request a licence key number for the Darwin version you want. You will need the license key number to register your dongle after you install the upgrade.

For further information on obtaining the license key number, write to Darwin.Info@creo.com or see www.creo.com/Darwin.

You can find the serial number of your dongle in your current software. If you have Darwin version 4.5 or Darwin Driven Graphics, from the **Apple** menu choose **About Creo Darwin**.



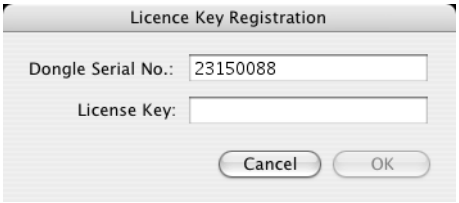
The number listed as **Reg #** is the serial number.



Save the serial number to use when registering your dongle after the installation.

Note: The splash screen title differs depending on the Darwin version you currently have installed.

If you have Darwin Desktop and want to upgrade to Darwin Pro, from the **Darwin Pilot** menu, choose **Register Licence**.



Easy Install Workflow

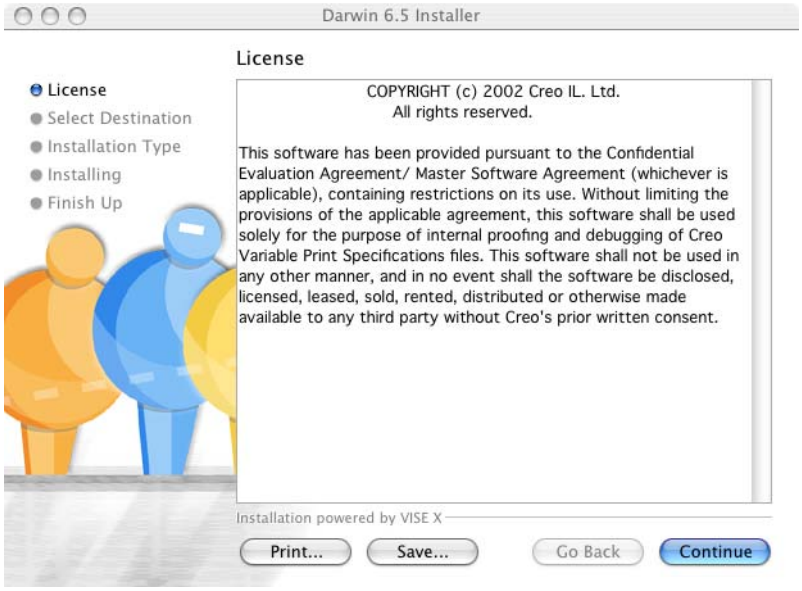
Note: If you had Darwin version 4.5 and would like to use the same database, export the database from version 4.5, save it and make a backup. Then import it to Darwin version 6.0. For more information, refer to the *Darwin version 6.5 User Guide*.

Before you begin the installation, make sure you install Darwin:

- In the same administrator account in which QuarkXPress was installed
- On the hard drive on which QuarkXpress is installed, if your computer has more than one hard drive.

To install Darwin:

1. Shut down the Macintosh workstation.
2. Connect the USB dongle to an available USB port.
3. Restart the Macintosh.
4. Insert the Darwin application CD into the Macintosh.
5. Double-click the **Darwin Installer** icon.



6. Click **Continue**.

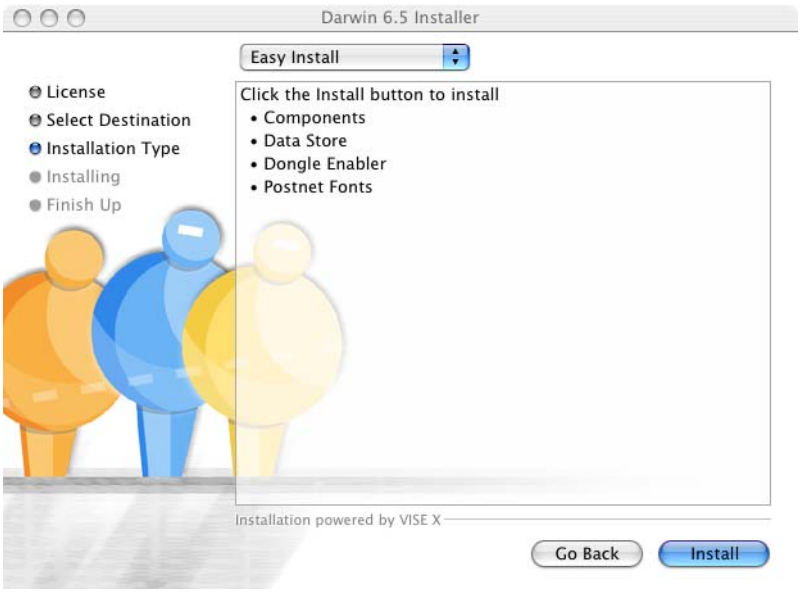


7. Click **Agree**.



8. Select the destination for the Darwin files (the same location where the QuarkXPress files are stored) and click **Continue**.

9. Choose **Easy Install**.



10. Click **Install**.

    A message is displayed notifying you that you must restart your computer when the installation is complete.

11. Click **Continue**.

Darwin installs all components into their correct locations.



12. When you are asked to authenticate the installation, enter the computer **Name** and **Password** and click **OK**.



13. Click **Continue** to install the Aladdin USB key support.



14. Click **Quit**.

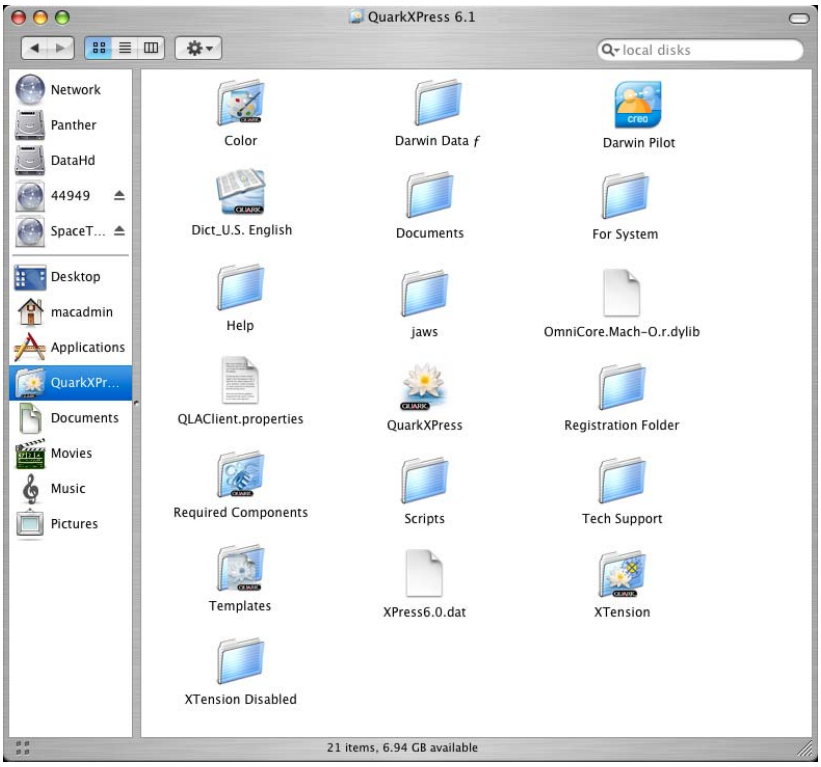


15. When the installation is complete, click **Restart** to restart your computer.

After installation, your QuarkXPress folder will contain:

- Darwin Pilot application
- Databases folder (**Darwin Data**)
- XTension folder into which the Darwin CoPilot and Creo APR Print were added.

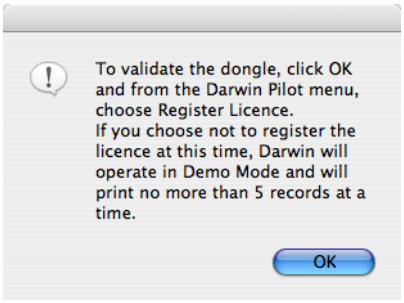
Your QuarkXPress folder after the easy install workflow:



Registering the Dongle

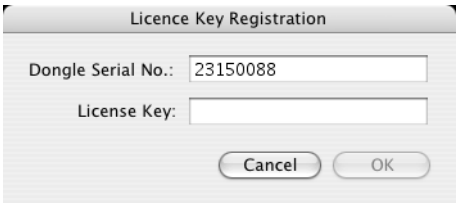
1. Connect the dongle to an available USB port.
2. Start the Darwin Pilot application by double-clicking the **Darwin Pilot** icon in the QuarkXPress application folder.

   The following message appears.



3. Click **OK**.
4. From the **Darwin Pilot** menu, choose **Register Licence**.

The Licence Key Registration dialog box appears.



5. In the **Licence Key** box, type the licence key that you received from your sales representative.

Note: The license key is case-sensitive.

6. Click **OK**.
7. Check that your license is active: From the **Darwin Pilot** menu, select **About Creo**.

   The Darwin splash screen is displayed.
8. The Darwin software version, Desktop 6.x or Pro 6.x should appear, together with the dongle type and number.

   The dongle is registered and the Darwin software can be used.

Limitations

This section lists the limitations in the Darwin software.

Duplicating Jobs

When duplicating a job that includes charts, the values of the chart need to be reassigned after duplication.

Auto Leading

When using auto leading, the leading between blank fields is inconsistent. We recommend you use custom leading.

Library Images

Referencing images stored on an external server can cause computer instability. We recommend you store images on the local disk.

Database Tags

When adding tags to database tables, for example <*B*>*name*, the tagged font should appear in the text file in order for it to display correctly in the output file. If the tagged font does not appear in the text file, create a text box in QuarkXPress that contains the tagged font. Then double-click the text box and select the **Suppress Output** check box.

Import Database

When importing databases that were exported from Darwin 4.5, the database (records) are lost. After importing the Darwin database, then import the database file.

Edit Job

When changing the field type from integer to text or vice versa, Darwin deletes the field data. You will need to import the database file.

Charts

When you preview a chart, the area around the chart is not transparent. This means that on colored backgrounds, the chart may appear to rest on a white box. In the printed version, the chart appears directly on the colored background.

DBF Files Range Importing

Range importing for DBF files is disabled (the **From** and **To** fields are unavailable).

Importing From a CD-ROM

You can't import a file or database directly from a CD-ROM. You first need to copy the files or database to your local hard disk.

Page Rule

QuarkXPress has a limitation related to the number of concurrently open documents (up to around 25 documents can be opened at any one time). Due to this limitation, when handling a job with page rules, it is recommended to have all pages in a limited number of QuarkXPress documents, not exceeding a total of 20 documents.

Different Size Layouts

Darwin does not support jobs that use different size layouts.

QuarkXPress Features

- QuarkXPress files that were built in an earlier version than QuarkXPress 6.0 cannot be Darwinized. If you want to use a file that was created in an earlier QuarkXPress version, open and save the file in QuarkXPress 6.0 or later, and then Darwinize the file.
- When you select **Use Registration Marks** in the QuarkXPress Print dialog box, registration marks, crop marks and labels will appear in your document. When using a Darwin file, these marks may slightly differ from the marks usually produced by QuarkXPress.
- Other QuarkXPress Setup/Print dialog box options, such as **Reduce/Enlarge**, **Separations**, **Spreads**, etc. are not supported by Darwin.
- Custom bleed is a feature of QuarkXPress that enables you to customize the bleed parameters in your file. Custom bleed as such is not supported in this version.

  In order to set the bleed, remove the **Custom Bleeds.xnt** file from the **QuarkXPress 6.0/XTension** folder. In the QuarkXPress Print Layout dialog box, the **Bleed** tab is removed. However, the **Bleed** parameter appears in the **Layout** tab. Set the bleed as desired.
- Darwin does not support the following QuarkXPress features when using VI images:
  - Fit picture to box
  - Fit box to picture

  To adjust the picture to the size of the picture box, hold the OPTION key while dragging the image rule. Darwin automatically resizes the picture to the size of the picture box.

AppleTalk Protocol

We recommend that you do not use the AppleTalk® protocol. Instead, use the IP Printing protocol (LPR). For more information on selecting and using the IP Printing protocol, see the Darwin version 6.1User Guide.

Installing Darwin

Make sure that you install Darwin in the same administrator account in which QuarkXPress was installed.

Known Problems

This section lists known problems in Darwin software. They may be outstanding issues from a previous release or new problems. When a problem listed here is resolved, the solution is described in the *Problems Fixed* section of the release notes for the next version of Darwin software.

Database Error: Failed to connect to database

If you receive the messages "Database Error: Failed to connect to the database" and/or "Check server" when loading the Darwin Pilot application, it indicates the database server is not responding.

In this case, perform the following procedure:

1. Quit the Darwin Pilot application.
2. Open the Primebase application located in the **Quark6.0\Darwin\Darwin Data** folder.
3. In Primebase, select the Darwin database.
4. If the status of the Darwin database is "**Stopped**", click **Start Server Now**.

   Verify that the status changes to "**Running**".
5. If the status does not change, change the **User** to **Root** and click **Update**.
6. In the dialog box that appears, enter your user name and password and click **OK**.
7. Start and stop the server.
8. Switch back to your account and click **Update** and **Start Server Now**.

   Verify that the status changes to "**Running**".

Image Rule

After duplicating a text rule and changing the rule type to image, sometimes you are unable to bring images into the rule.

Deleting a Database

When you delete a database in the Database Administration window, Darwin occasionally fails to respond. If, after restarting Darwin, you try to add or create a new database with the same name as the one that you tried to delete, a message alerts you that a database with that name already exists. To correct this problem, go to QuarkXPress 6.0/Darwin Data f/databases, select the database and click **Delete**. You can now add a database with the name of the database that you deleted.

Recommendations

This section lists the recommendations for working with this release of Darwin software.

QuarkXPress v6.1, 6.5

Although Darwin 6.5 works with QuarkXPress version 6.0, it is recommended you download the free upgrade to QuarkXPress version 6.5 from the QuarkXPress website (http://www.quark.com/).

Mac OS X

It is recommended to use the latest version of Mac OS X (version 10.3.6).

Building Jobs

It is recommended that you build jobs from scratch in QuarkXPress 6.1 and higher rather than import older jobs from QuarkXPress 4.0 or 5.0.