

## VERSION 01.31.08

### There are three brand new features in this version:

- **Line Pattern:** The Contour Pattern menu item was renamed to Line Pattern, but there is a lot more involved than name change. When you select this option, the program starts in the same way as before: you can move the machine around the quilt, touch the OK button at selected points, and there will be straight lines placed between the sampled points. However, if you touch the [Pattern] button, the Selector screen appears and you can select a line pattern to be stretched between the sampled points. Practically any open pattern (where the start and end points are distant) can be used with this function.

After a pattern is selected, new controls appear on the screen. You can change the height of the pattern (the width is automatically adjusted to match the distance of the sampled points), the horizontal and vertical offset (shift) from the needle position, flip the pattern in both directions.

There are two numbers displayed at the cursor position: the length of the line and the relative angle. The latter makes it easier to design wreaths or geometric shapes. The display shows the angle between the current and last sampled lines, as an absolute value, within 0-90° range (we did not want to complicate the display with negative and larger than 90° angle values; you will see on the screen how the number should be interpreted). For example, in case of an absolute angle display you would need to follow 72°, 54°, 36°, 18°, 0° settings to create a pentagon, while the relative display will let you follow 72°, 72°, 72°, 72°, 72°. A zigzag line can be sampled by keeping the length constant and starting with a 45° angle, then 90° turns, while going in the same direction. You need to try this to see the potential...

There are many uses of this new function, but the "Line Dancing" books of Diana Philips inspired it.

- **Resize Quilt:** This new option on the Realign Quilt screen allows you to resize a complete quilt, either by keeping the aspect ratio (the ratio between the width and height of the quilt), or changing the dimensions independently.

- **Print Patterns:** With this new Utility program you can select patterns to print, and the program will generate a printable high-resolution image of the pattern, together with its name, the name of the catalog and the copyright message. This image flashes on the screen while the computer takes a snapshot of it. The printable images will be called snap[n].png, and can be saved to the USB stick using the Save Screenshots utility.

### **Less dramatic changes include:**

- **Pattern Display:** The virtual graphic resolution of the pattern images was changed. Now they are much smoother than before, especially in Pantograph.

Also, the interconnecting lines are now displayed (jumpstitch in green, "stop to cut threads" in blue).

- **Improved Split:** As they are now visible, you can touch an interconnecting line, which will select the starting point of the line. Touching Split will remove the interconnecting line. This feature is very useful to separate "pattern packages", i.e. multiple patterns that were grouped together by the designers, NOT with the intention to be stitched that way, but to handle multiple patterns as one DXF file. A good example is One Song's alphabet collections. Currently there are no interconnecting lines in those files; the instructions say that you need to load the file into AutoSketch, or similar program, and copy/paste the letters to form text. When the designers start the packaging method, IQ owners will be able to do the text composition within the IQ. The new behavior of the Split makes it possible.

Touching the [Split] button brings up three convenient shortcut buttons: now you can delete, copy and modify the split pattern segments directly on the Split screen.

- **Catalog Organization:** With a simple change we made reorganizing your catalog system easy. When you select Move Pattern/Quilt, a new message window appears, asking whether you want to keep a copy of the moved pattern(s) in the original catalog. With this feature you can easily copy a pattern into several different catalogs, which can be organized by designer, motif (feather, floral, etc.), type (block, pantograph, border, line pattern), favorites, or any other preferred categories.

### **Minor improvements, debugging:**

- The leading and trailing no-sew lines are now fully removed from patterns designed for the Statler standard. This change also affects the stand-alone converter program.

- The speed of displaying the quilting sequence was increased. Now the selected patterns turn green immediately when you touch them, even on larger quilts. This improvement also helped the moving display in Sew Quilt. In earlier versions, large-size, dense patterns caused uneven movements on the screen, in some cases even resulting in virtual obstructions.

- In Pantograph, there is a limit to the density of the patterns. If any setting would cause extremely large number of points, the setting will not be accepted. For example, when you use the keypad to enter a 12" row height but accidentally touch the [Enter] key after typing "1", an error message appears, and the previous height setting remains.

All the relevant help screens were updated with the new features.