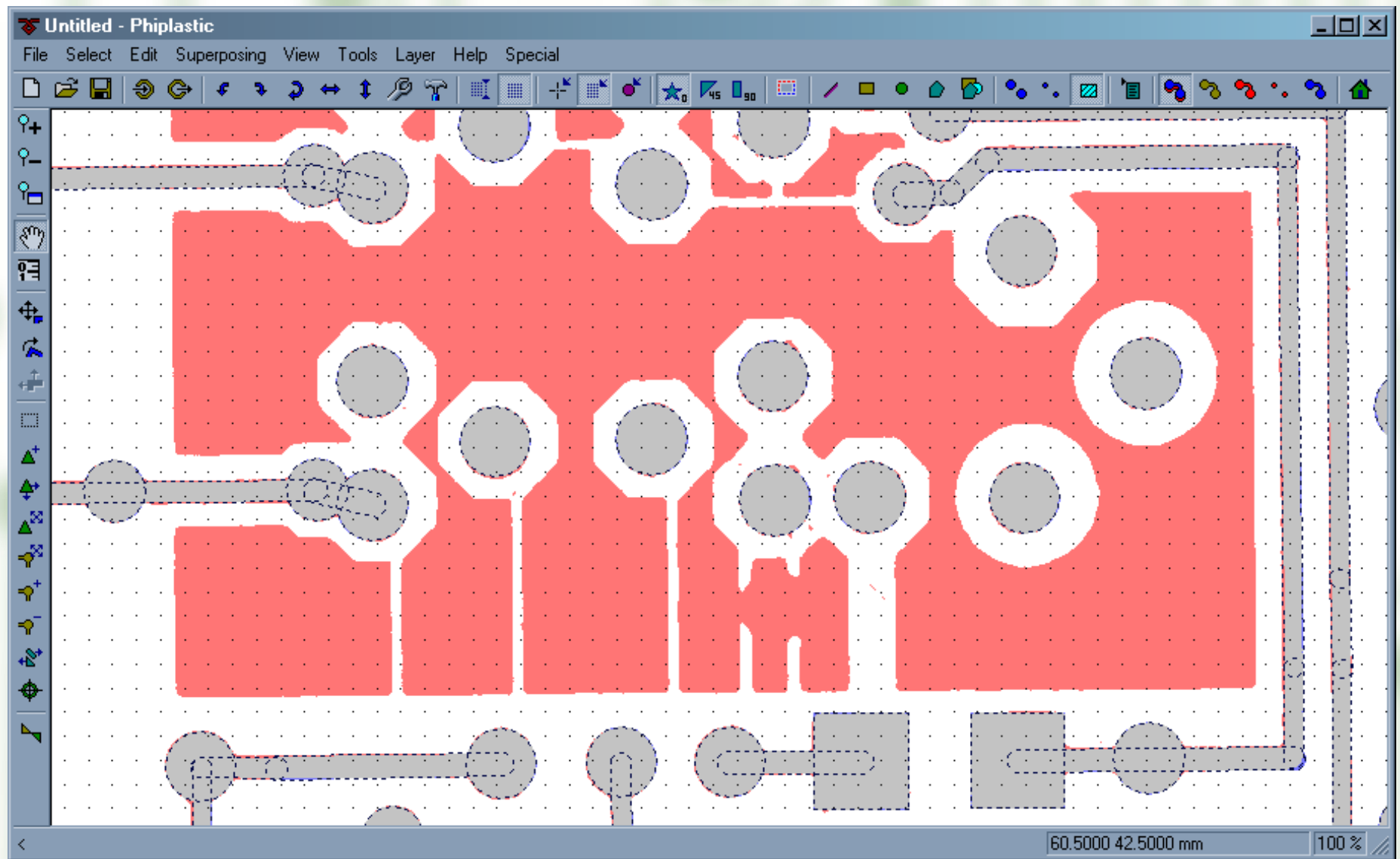




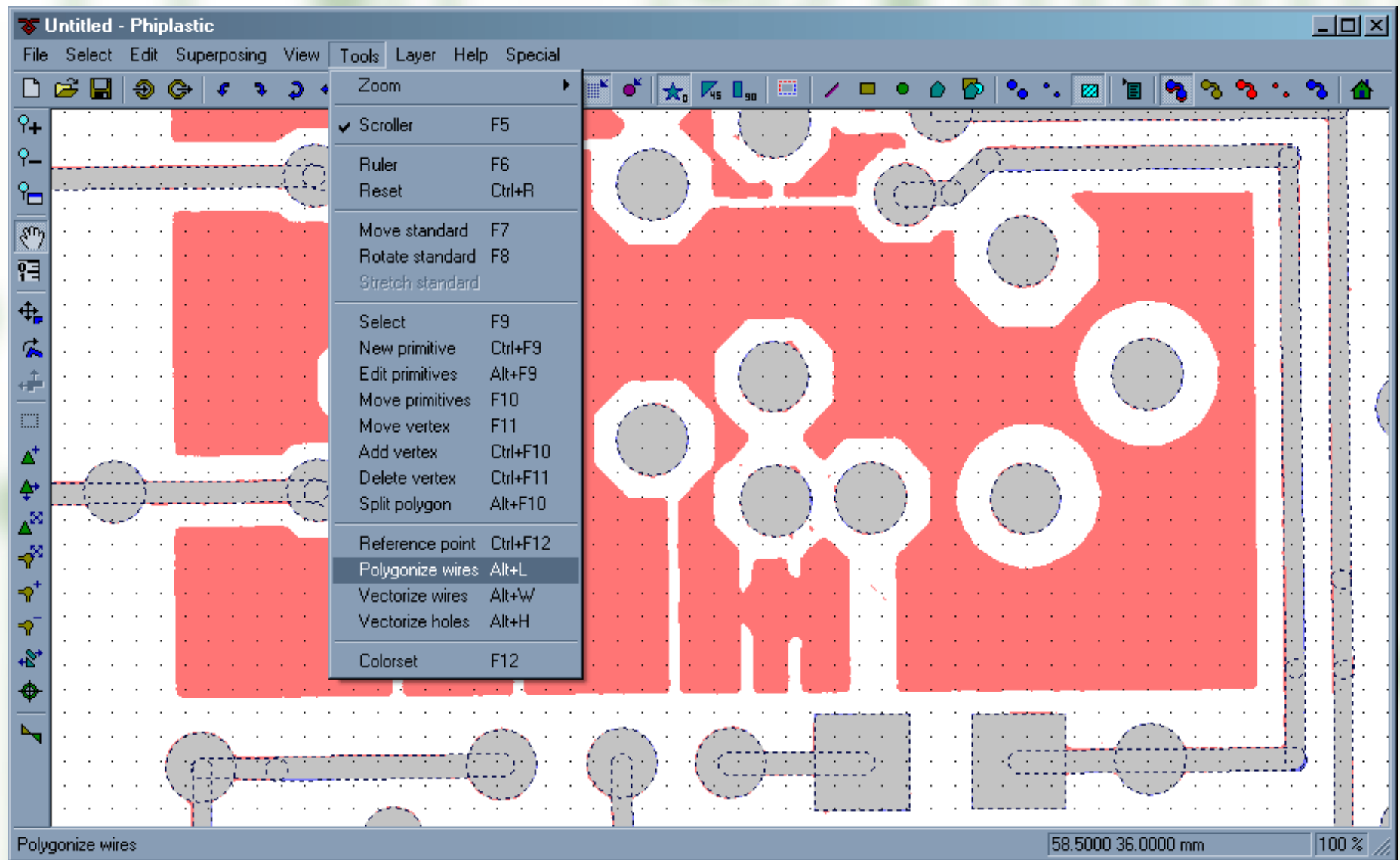
Creating standard from “golden board”
and vectorization of polygons with
Phiplastic Gold

Main features:

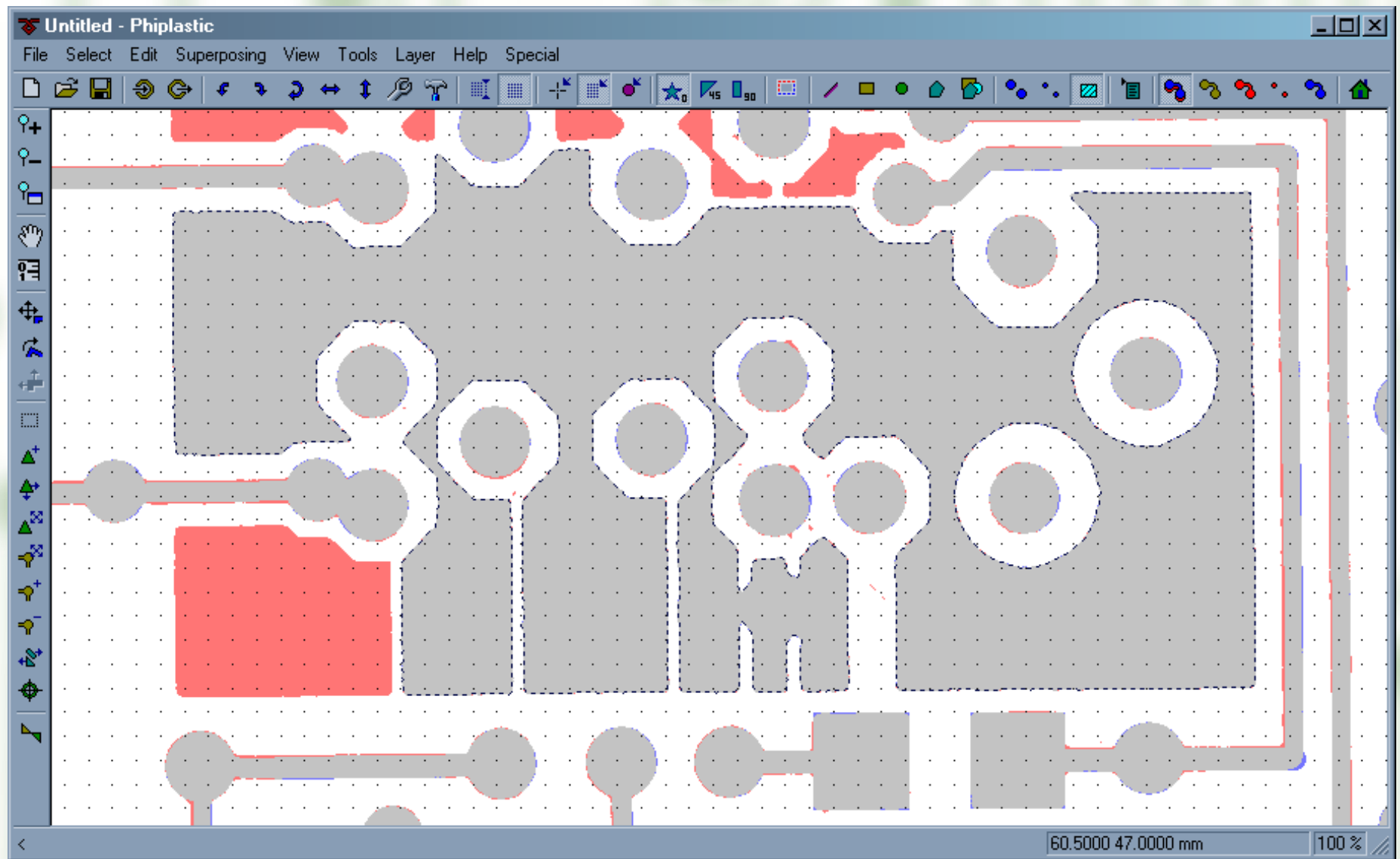
- Automatic creation of inspection standards on the basis of ready-made products (boards, artworks, etc.)
- Automatic conversion of raster images to polygons;
- Automatic simplification of polygons with the specified precision;



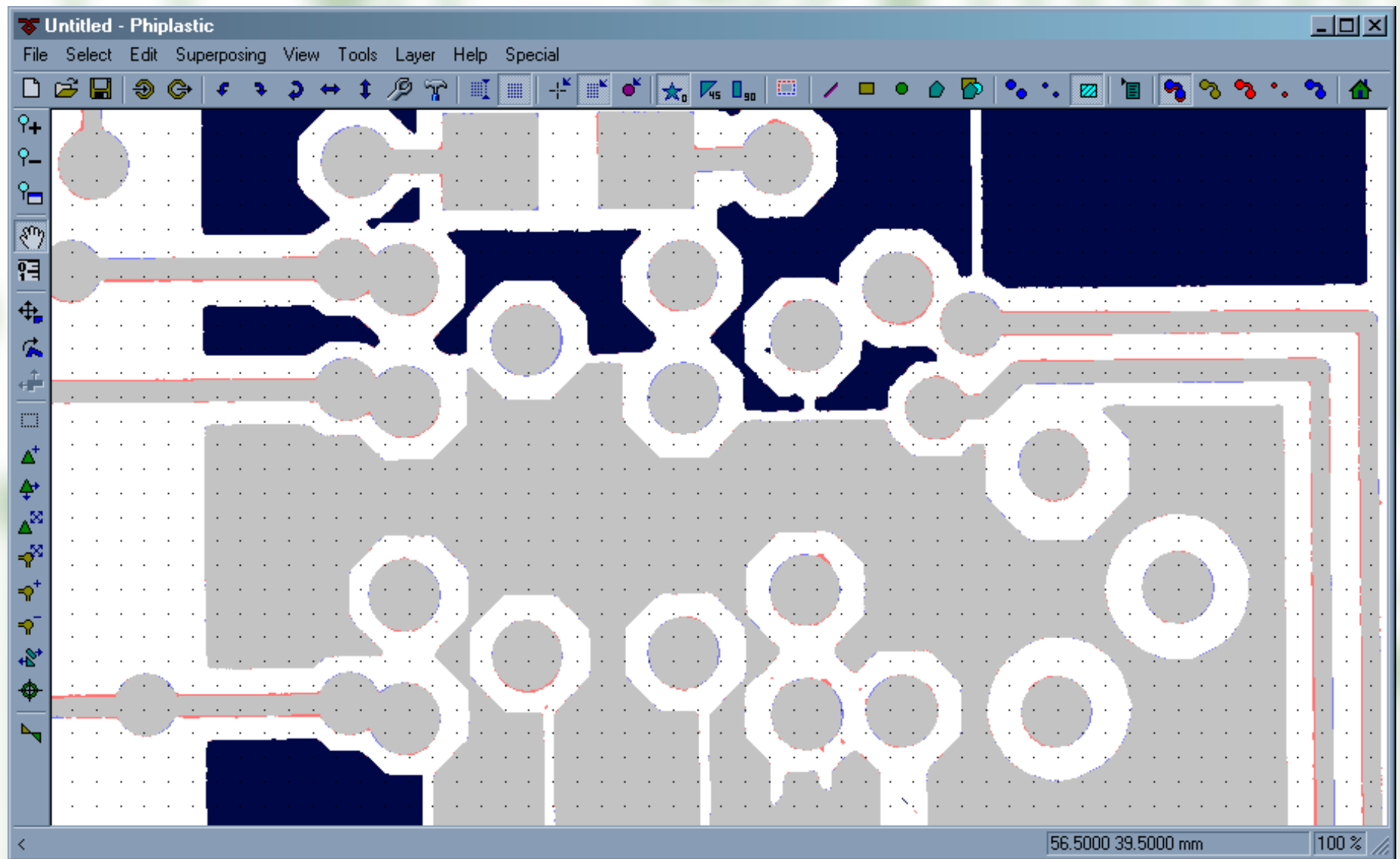
This fragment cannot be vectorized using lines and pads



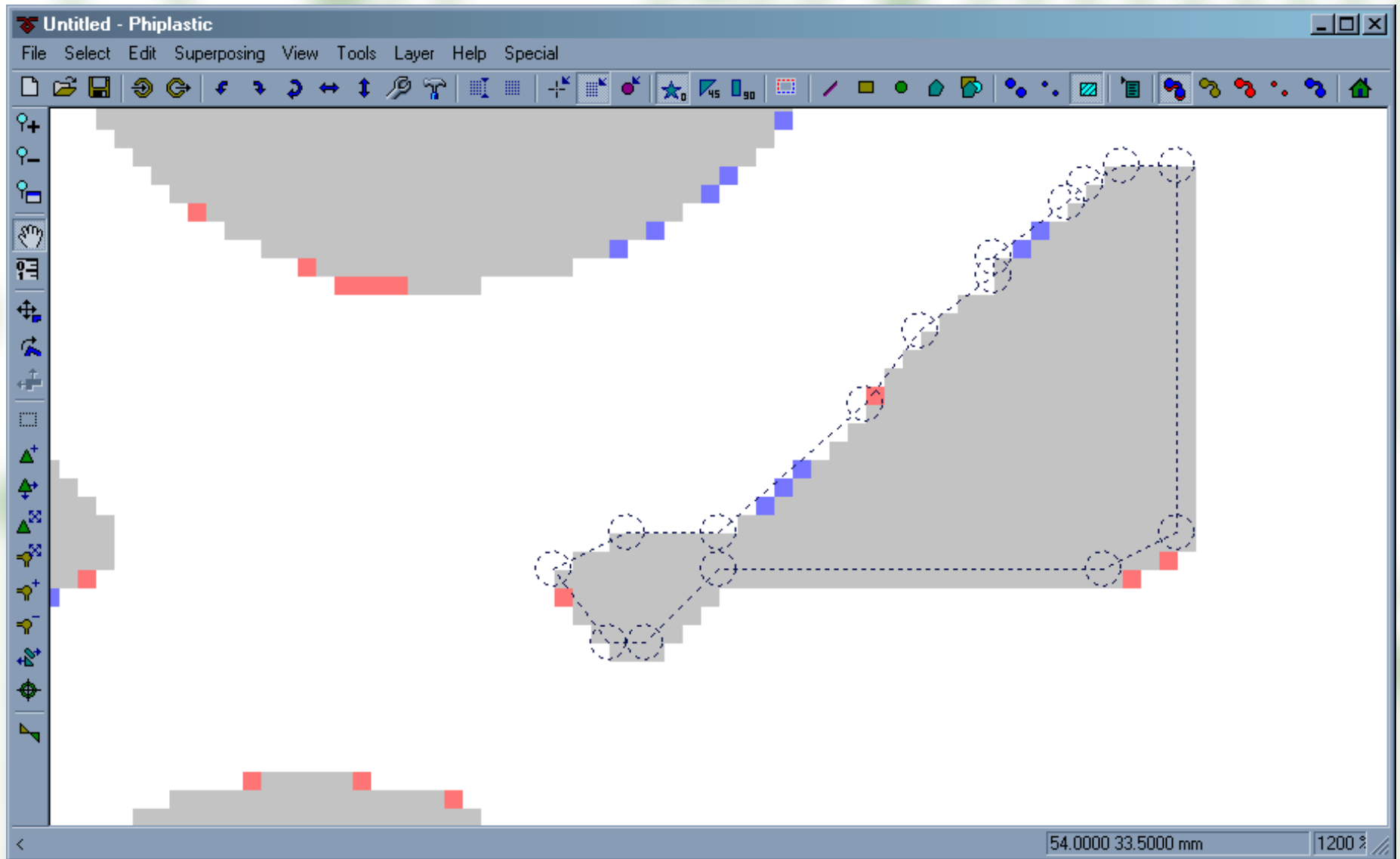
Polygonize tool allows user to select individual wire to be processed



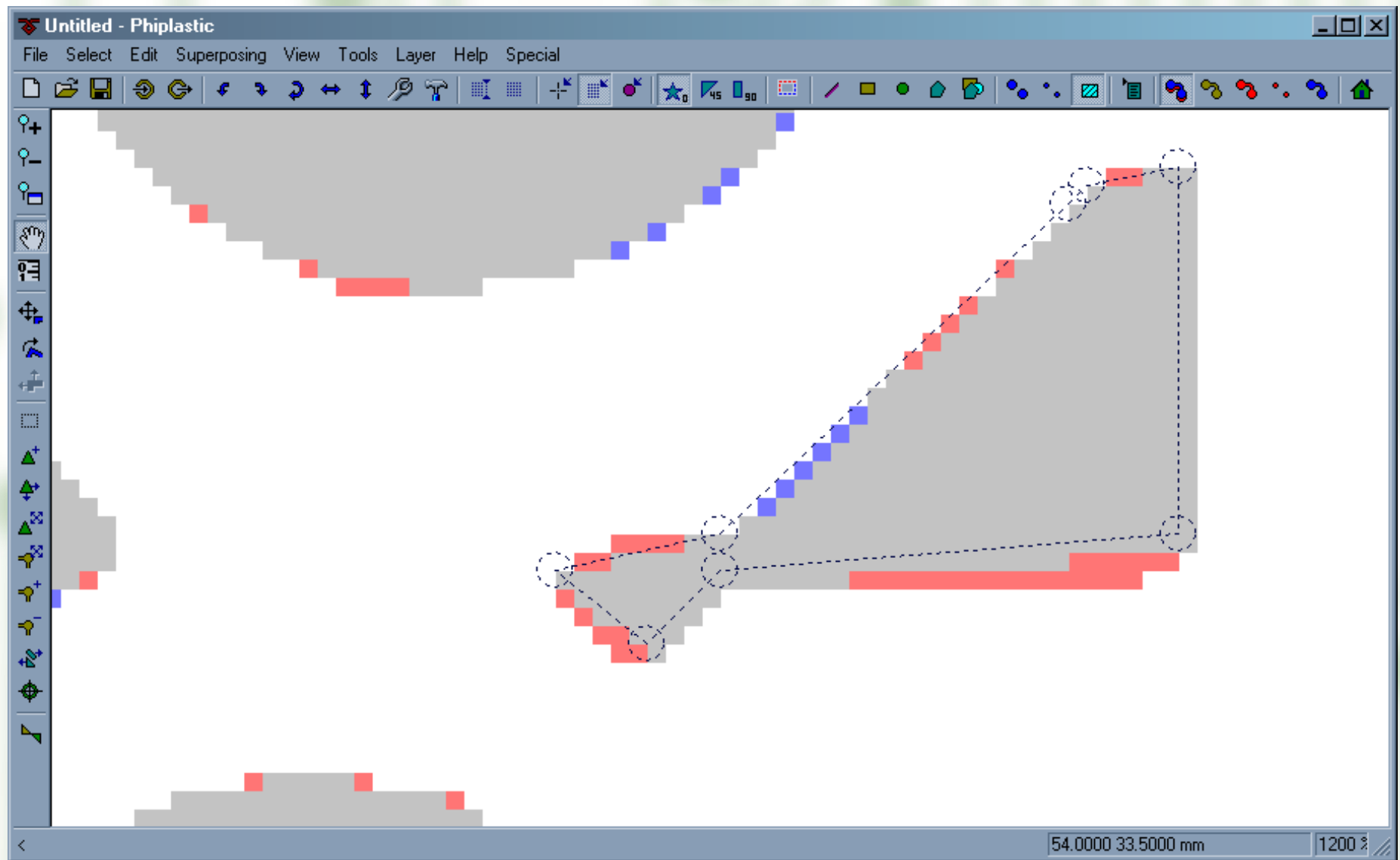
One mouse click and after a second the wire is polygonized



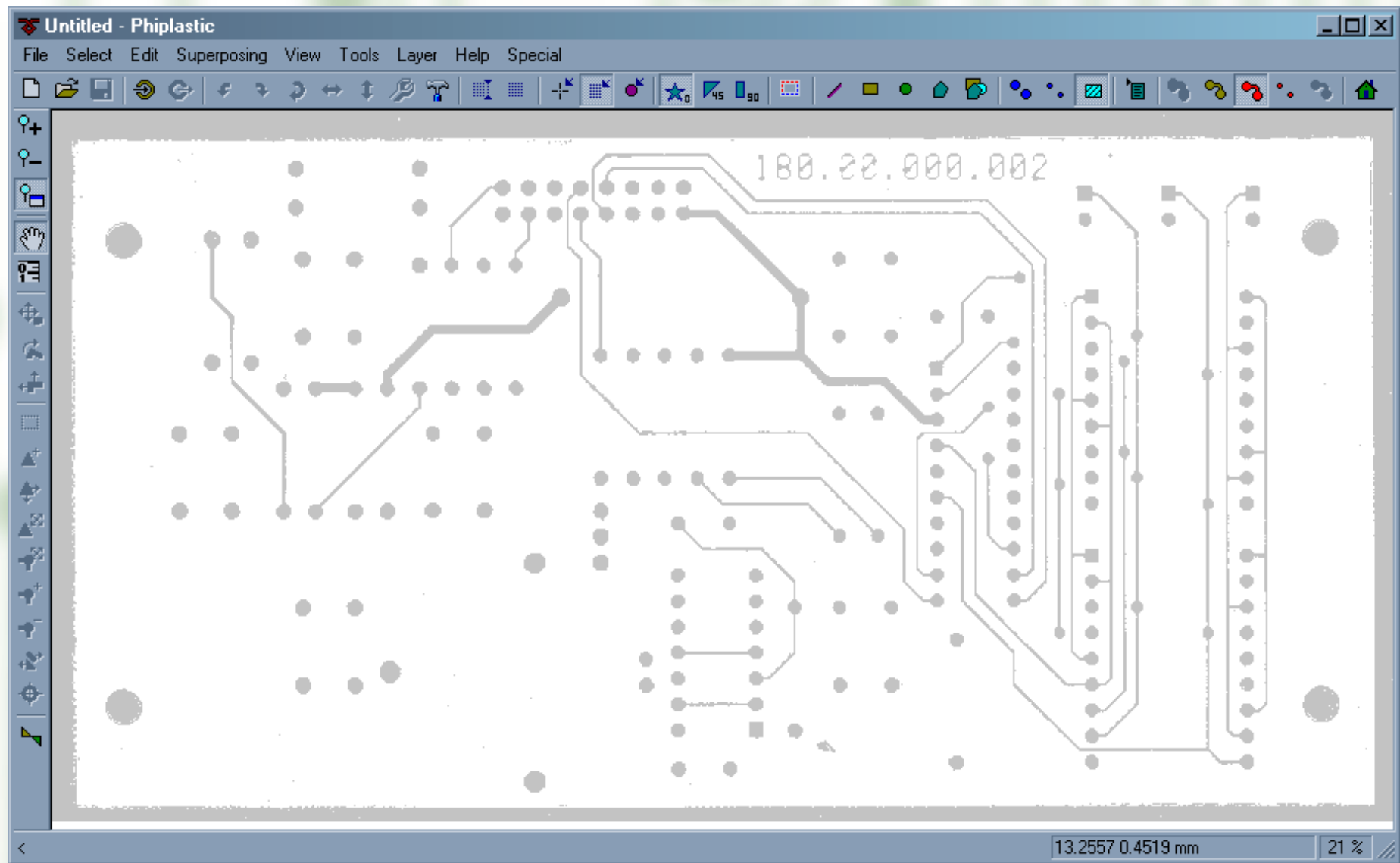
There is a command that polygonizes all wires that has not been processed yet



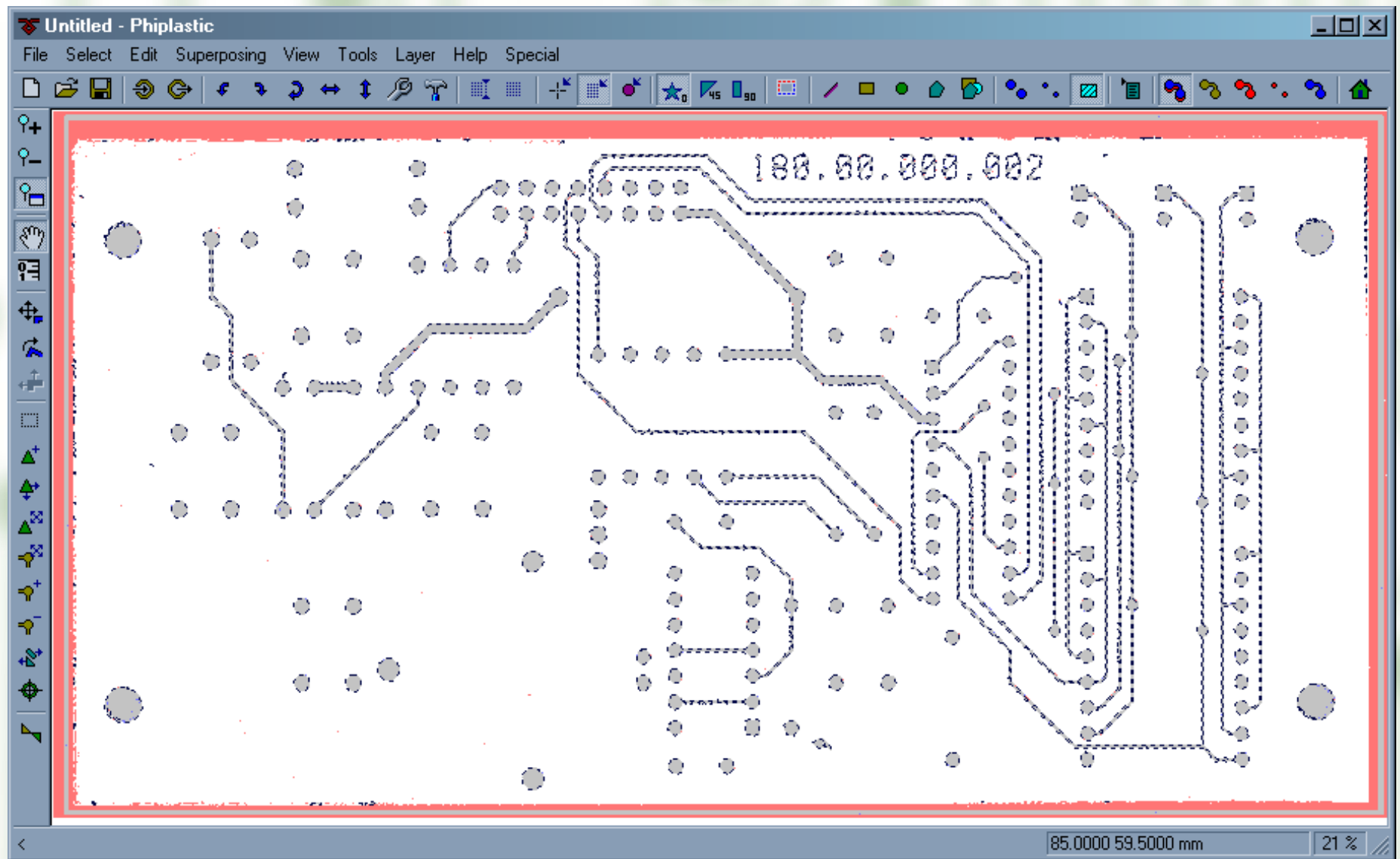
This polygon contains extra vertexes



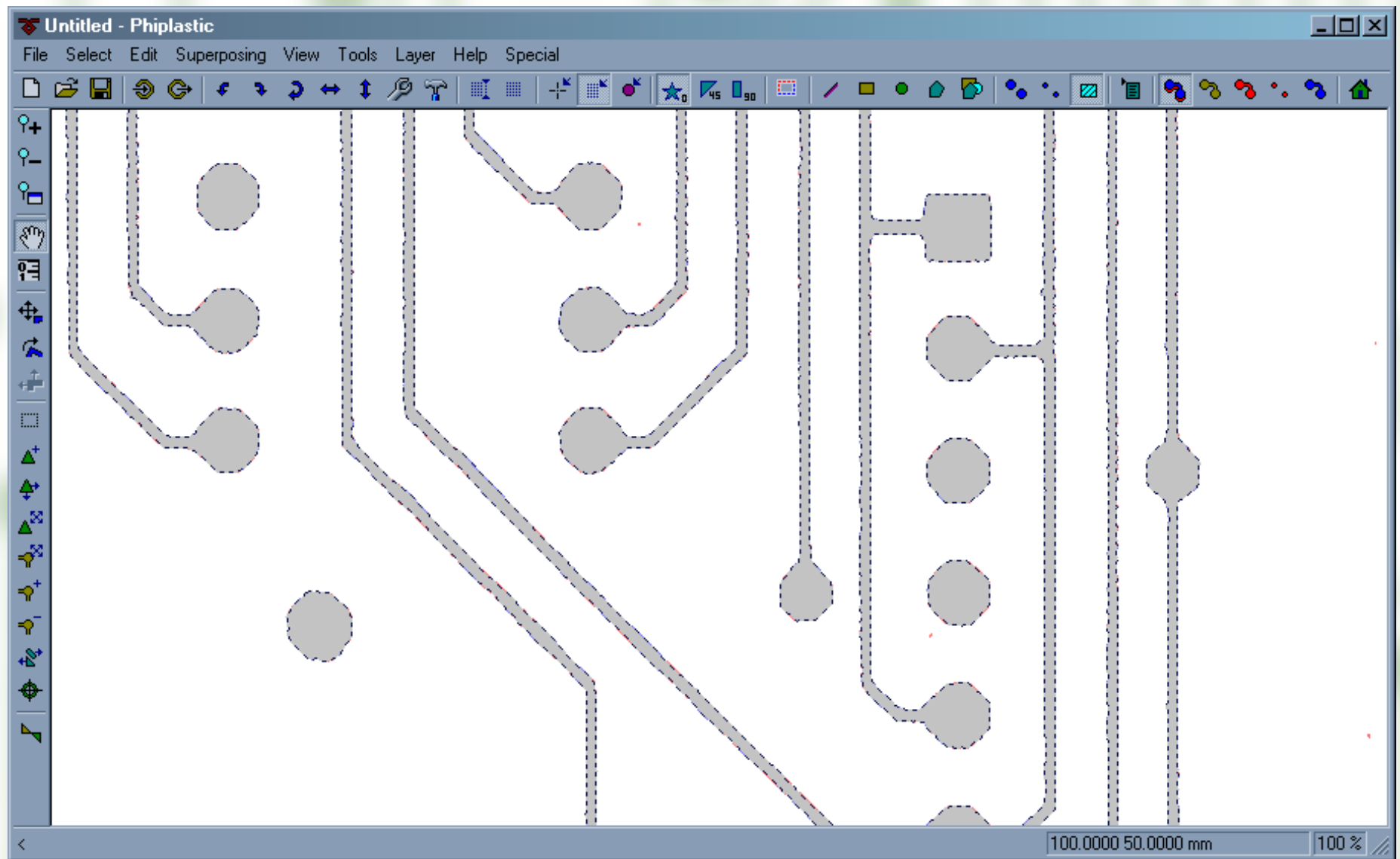
Here is the simplification result. Accuracy is controlled by the user. Usually single-pixel tolerance is used.



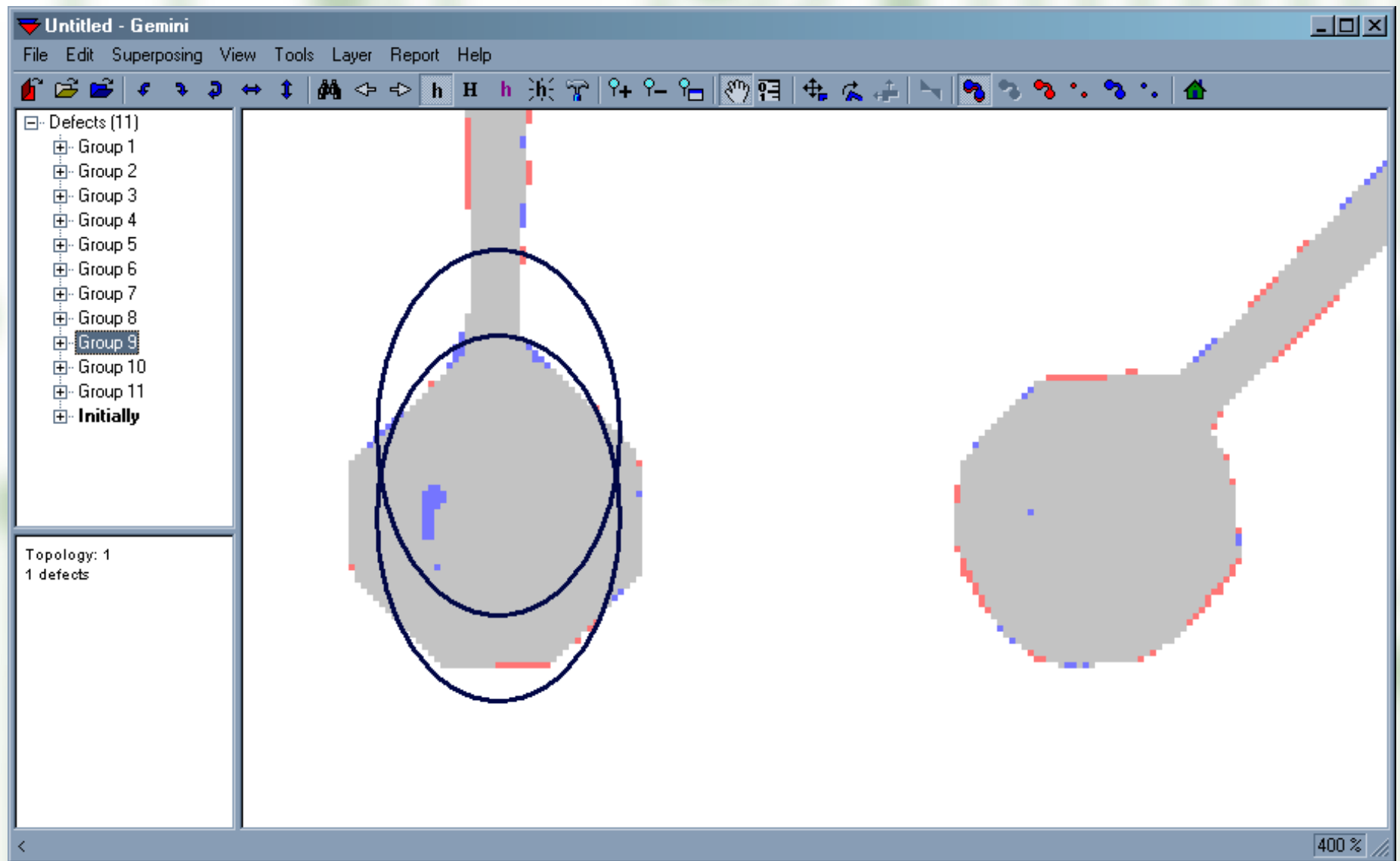
Creating inspection standard by the «golden board» is very easy. Initially we have only the scanned image.



One keystroke and a couple of seconds are required to get complete wires image in polygons



Polygons are already simplified but they still match the «golden board» perfectly



Inspection using the polygonized standard is the same as inspection using standards imported from Gerber.

www.phiplastic.com

www.eurointech.ru