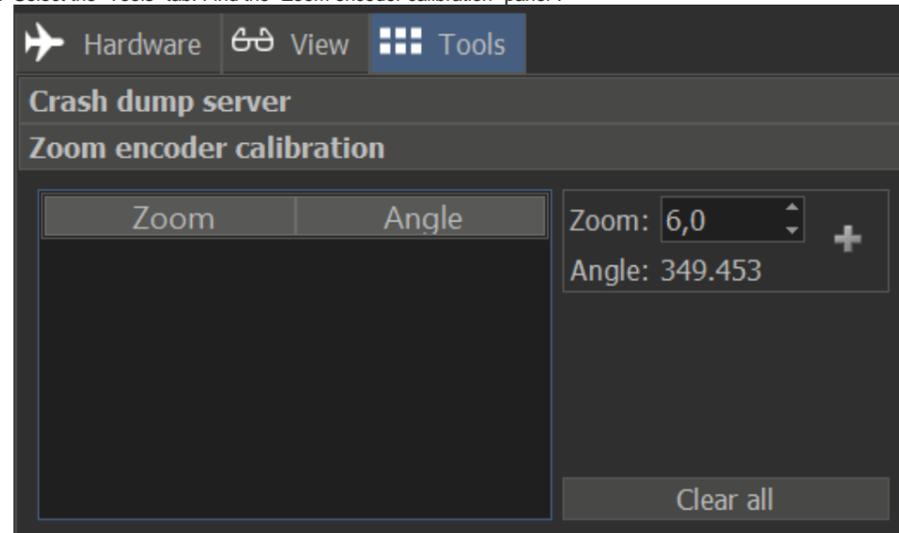


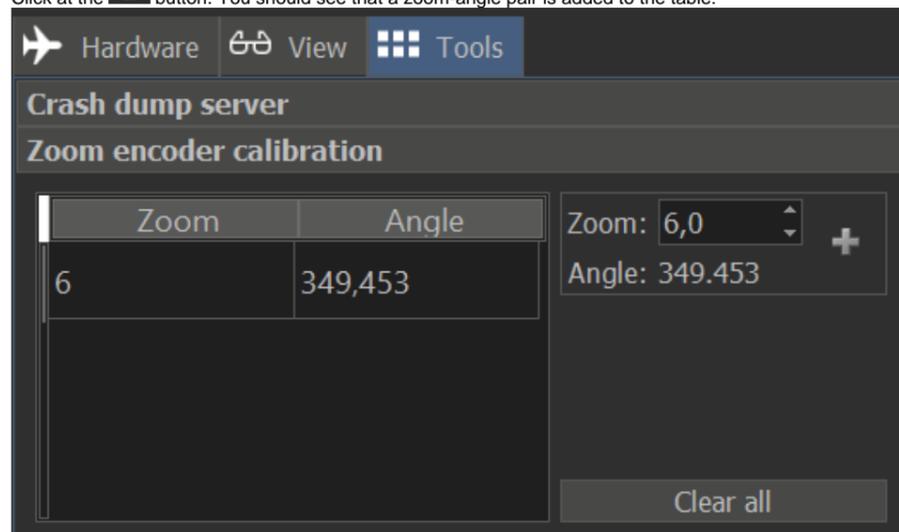
Calibration of a Zoom Encoder

It is necessary to calibrate a zoom encoder DALIS systems only first time. Then the DALIS software and its updates will use the config file with saved calibration (%PROGRAMDATA%\OctoNus Software\Digital Microscope\zoom_encoder_calibration.xml).

1. Start the DALIS program and connect to the microscope.
2. Select the "Tools" tab. Find the "Zoom encoder calibration" panel":



3. Do next steps for all ticks on the zoom wheel:
 - a. Manually change zoom wheel to next tick (for example 6.0). You can see that the 'angle' label is changed.
 - b. Change zoom value editbox to the correspondent zoom (for example, 6.0 again).
 - c. Click at the  button. You should see that a zoom-angle pair is added to the table:



4. After you add pairs for all your zoom ticks you'll see the zoom-angle table like this:

Zoom	Angle
30	208,589
40	247,852
50	278,438
55	291,006

Zoom: 55,0
Angle: 291.006

Clear all

5. Go to the 'Hardware' tab and check zoom calibration by wheeling the zoom wheel manually and compare ticks with zoom value in the DALS GUI:

Hardware View Tools

Zoom and focus

17.3x

Z -7.740mm