

3D Printing - Directly from an X3D Model File

31 Dec 2018

Cody Reese
EXWC Expeditionary Engineering
cody.reese@navy.mil
805.982.1288

Downloading X3D File on NMCI Laptop

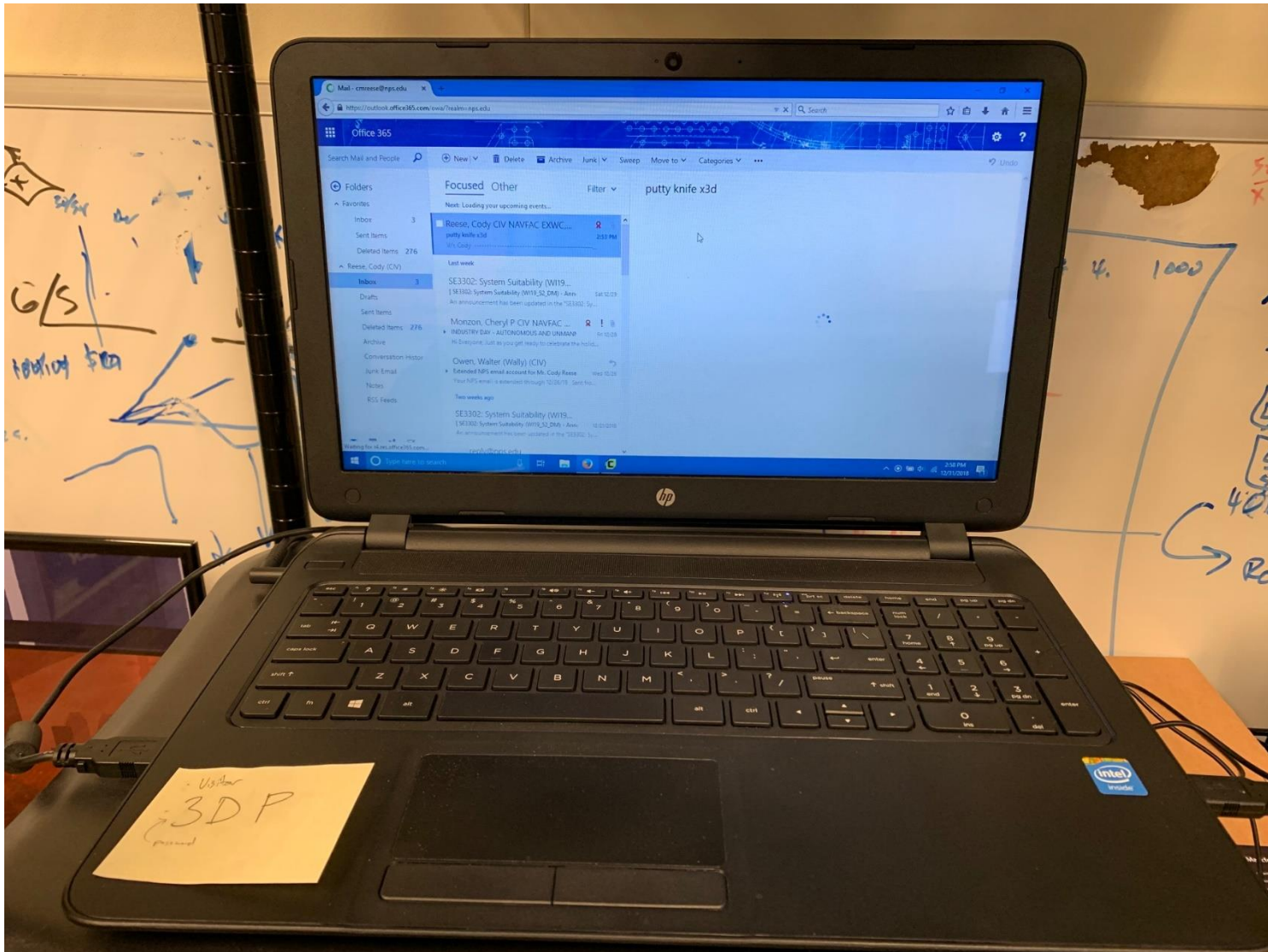


The screenshot shows a web browser window displaying the X3D Model Exchange website. The page title is "Putty Knife 00-221-1536". The description states: "This putty knife is a scanned tool used by Seabees." Below the description is a table of model metadata for the file "PuttyKnife_00-221-1536.x3d".

attribute	value
title	PuttyKnife_00-221-1536.x3d
description	Putty Knife 00-221-1536
created	16 December 2018
generator	Meshlab X3D Exported, http://meshlab.sourceforge.net
description	Putty Knife 00-221-1536
source	PuttyKnife00-221-1536.stl
contributor	LT Michael J. (Jake) Lunday USN, michael.j.lunday@navy.mil
creator	LT Michael J. (Jake) Lunday USN, michael.j.lunday@navy.mil
created	date TODO of model creation
modified	16 December 2018
mediator	Jake Lunday and Don Brutzman
accessRights	UNRESTRICTED
publisher	U.S. Navy Seabees
reference	related resource that is referenced, cited, or otherwise pointed to

Overlaid on the right side of the browser window is a Firefox file dialog box titled "Opening PuttyKnife_00-221-1536.x3d". The dialog shows the file "PuttyKnife_00-221-1536.x3d" (25.4 KB) selected. The "Save File" option is chosen, and the "Do this automatically for files like this from now on" checkbox is unchecked. The "OK" and "Cancel" buttons are visible at the bottom.

Sending File to Printer-control Laptop



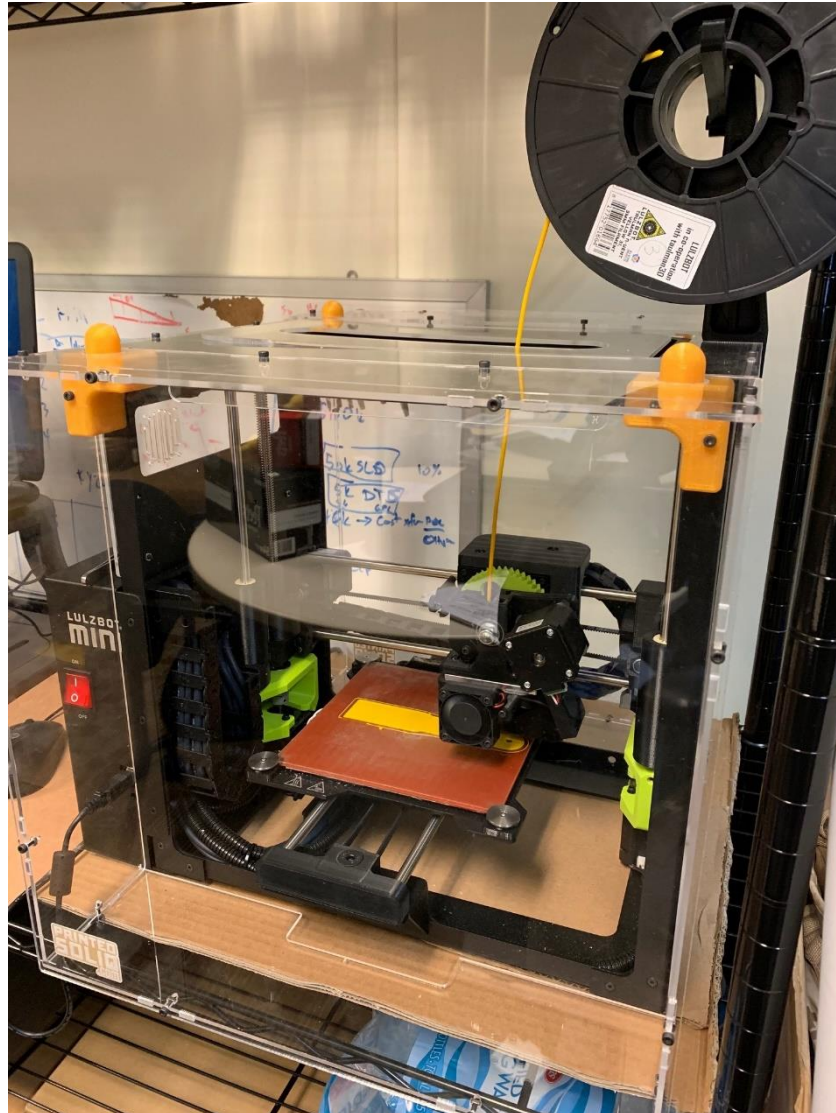
X3D Model Loaded Directly into Cura



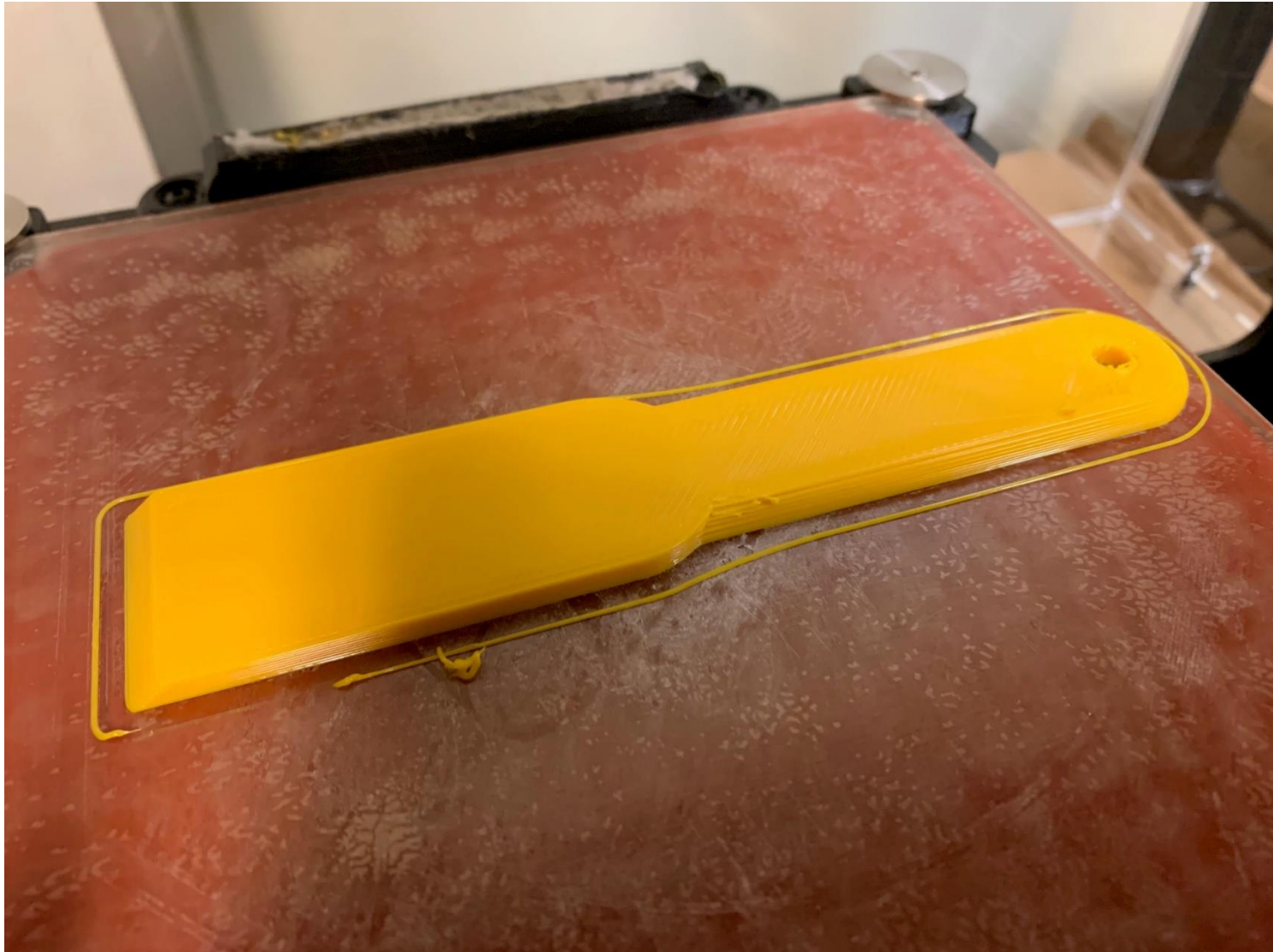
Model Sliced and Ready to Print



Print Job in Progress



Print Job Complete



Ready to Putty!

