

DSG-Ansys R&D Meeting Minutes

Date: October 14, 2021

Time: 2:00 PM – 2:30 PM

Attendees: Aaron Brown, Pablo Campero, Brian Eng, George Jacobs, and Tyler Lemon

1. Full-scale Model Development – NPS

Aaron Brown

1. Discussed issues with assigning materials for hundreds of identical components
 - Assigning materials for multiple components at the same time is possible
 - Tyler Lemon explained how to select multiple items by holding the shift button

2. Beryllium Beam Pipe Convection – EIC

Pablo Campero and Brian Eng

1. Goal is to determine temperature profile effects between the Be pipe and Si layer
2. Discussed heat concerns with Si and carbon foam
 - Adhesives are the main concern as there is difficulty finding thermal properties for these.
3. A table will be generated with Ar, Be, and Si temperatures