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University of Southampton – FEE – Mantas Dobkevicius – mantasdb@gmail.com

The Excel file contains the Double-Sided Thruster (DST) experimental data. In the Excel file, the parameters that were measured during the experimental campaign have the following notations:

- "**min**" - input mass flow rate to the thruster;
- "**URFG**" - RFG input voltage;
- "**IRFG**" - RFG current;
- "**PRFG**" - RFG power;
- "**US**" - IT & IC screen grid voltages;
- "**IS**" – IT & IC total screen grid current;
- "**USIT**" - IT screen grid voltage;
- "**ISIT**" - IT screen grid current;
- "**UAIT**" - IT accel grid voltage;
- "**IAIT**" - IT accel grid current;
- "**ISIC**" - IC screen grid current;
- "**UAIC**" - IC accel grid voltage;
- "**IAIC**" - IC accel grid current.

Additionally, the Excel file is composed of many sheets. Each sheet represents a different operational condition. This could be a different screen grid voltage, the type of configuration used or whether any sides of the thruster are blocked. Note that the thruster was tested in Configuration AIT, Configuration AIC, Configuration ADST and Configuration BDST. In the Excel file, the following operational conditions are presented:

- "**AIT 1.0kV**" - Configuration AIT, only IT side active, screen grid voltage 1.0 kV;
- "**AIT 1.5kV**" - Configuration AIT, only IT side active, screen grid voltage 1.5 kV;
- "**AIT 2.0kV**" - Configuration AIT, only IT side active, screen grid voltage 2.0 kV;
- "**AIT 2.5kV**" - Configuration AIT, only IT side active, screen grid voltage 2.5 kV;
- "**AIT 3.0kV**" - Configuration AIT, only IT side active, screen grid voltage 3.0 kV;
- "**AIC 1.5kV**" - Configuration AIC, only IC side active, screen grid voltage 1.5 kV;
- "**ADST 1.0kV**" - Configuration ADST, IT and IC active, screen grid voltage 1.0 kV;
- "**ADST 1.5kV**" - Configuration ADST, IT and IC active, screen grid voltage 1.5 kV;
- "**BDST 1.0kV**" - Configuration BDST, IT and IC active, screen grid voltage 1.0 kV;
- "**BDST 1.5kV**" - Configuration BDST, IT and IC active, screen grid voltage 1.5 kV;
- "**BDST 2.0kV**" - Configuration BDST, IT and IC active, screen grid voltage 2.0 kV;
- "**BDST 2.5kV**" - Configuration BDST, IT and IC active, screen grid voltage 2.5 kV.

Date of data collection: November 2016 - December 2016

Information about geographic location of data collection: University of Southampton, U.K.

Date that the file was created: May 2016