

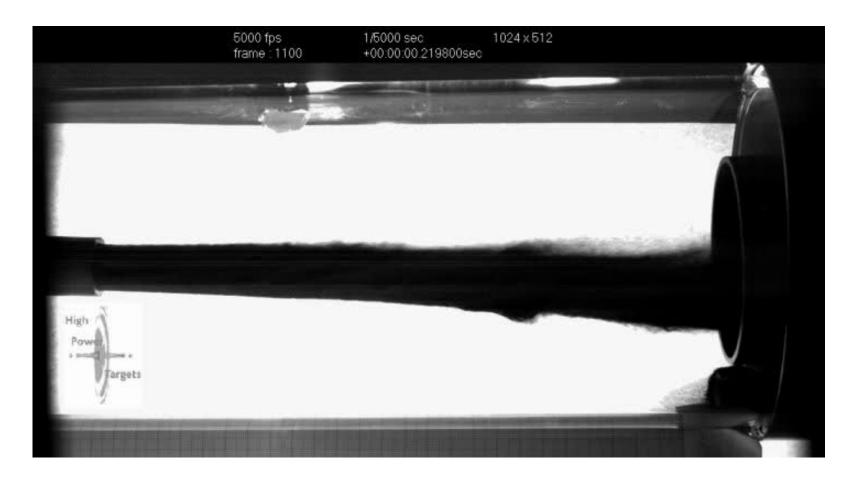
# Tungsten Powder Jet Update

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2<sup>nd</sup> Princeton-Oxford High Power Target Meeting 6-7 November-2008

### Tungsten Powder Jet

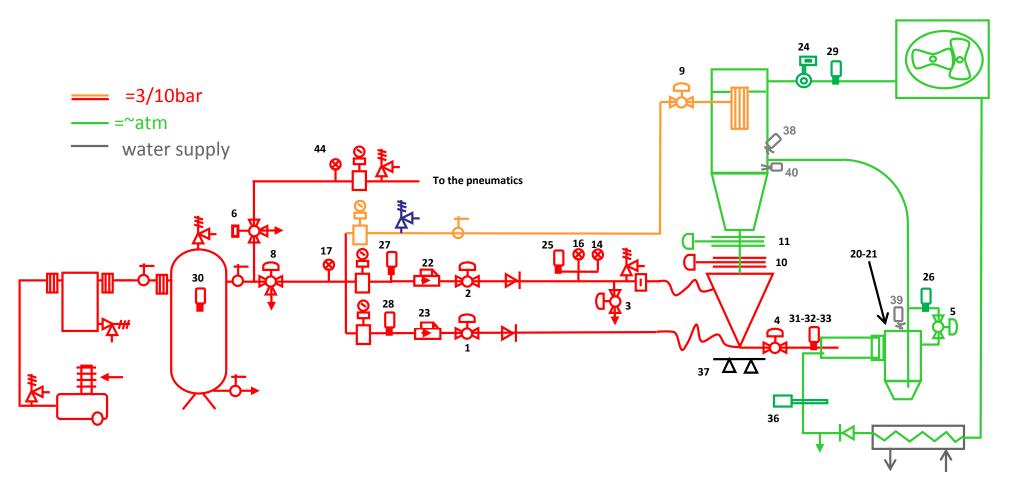
propelled by air ~3 bar





Thank you to EIP at RAL for providing the video equipment used for these experiments

# **Rig Flow Diagram**





# Powder Jet Rig 31<sup>st</sup> Oct 2008









### Schedule

November 10-18	system and control wiring
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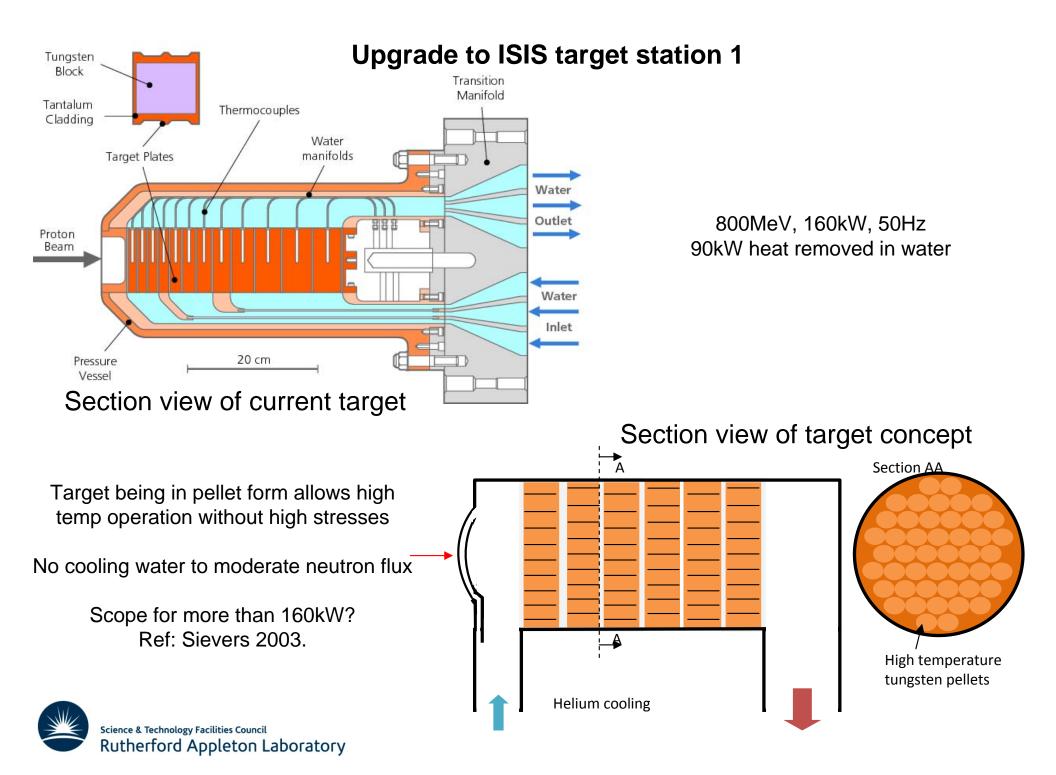
November 19-27 system control development

November 27-28 system commissioning

November 27-christmas

preliminary experiments





#### NF-IDS and EUROnu Targets Work Program (30 months)

NF-IDS primarily focused on baseline recirculating mercury target

With input of EUROnu task broadened to include alternative tecnologies (solid & flowing powder targets)

Must achieve **<u>cost estimate</u>** of target system so implies target selection

#### •Selection criteria for choice of target •Work Program

First meeting 15<sup>th</sup> to 17<sup>th</sup> December 08 at CERN

Comments on proposed selection criteria and work program are welcomed.

