

MICE Amplifier operation at Daresbury

- With a temporary somewhat unknown crowbar protection device in place we could operate amplifier system for short runs (to minimise risk)
- Complete system operated during July 2013 at design parameters of 201MHz 1Hz 1 mSec
- Engineers from DI, RAL, Strathclyde and Imperial UNI



Amplifier moved for TIRAA milestone in MICE hall

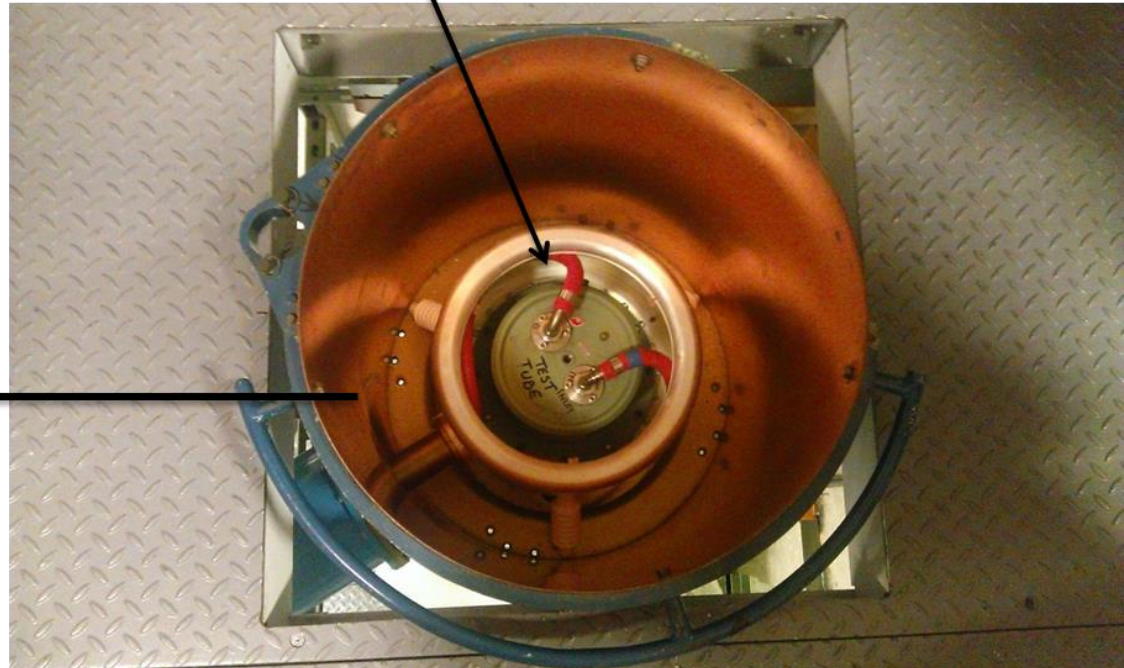


- Amplifier system has been dismantled from DL and is currently being installed in the MICE hall
- Operation of the amplifier system at a low power level will satisfy the milestone
- This should be done within a month
- MICE RF engineer Tim Stanley was extremely busy

Amplifier installation actual



- System striped down and moved to RAL
- Installation of system progress at pace
- 4616 tetrode system awaiting electrical connect
- 116 triode fitted to endstage amplifier



RF engineers Milling in a small space





- In the MICE hall after a limited time we were able to have both amplifiers operating to produce - 500kW
- Limited by the size of the RF load only
- No remote controls however, 6 people to operate system locally