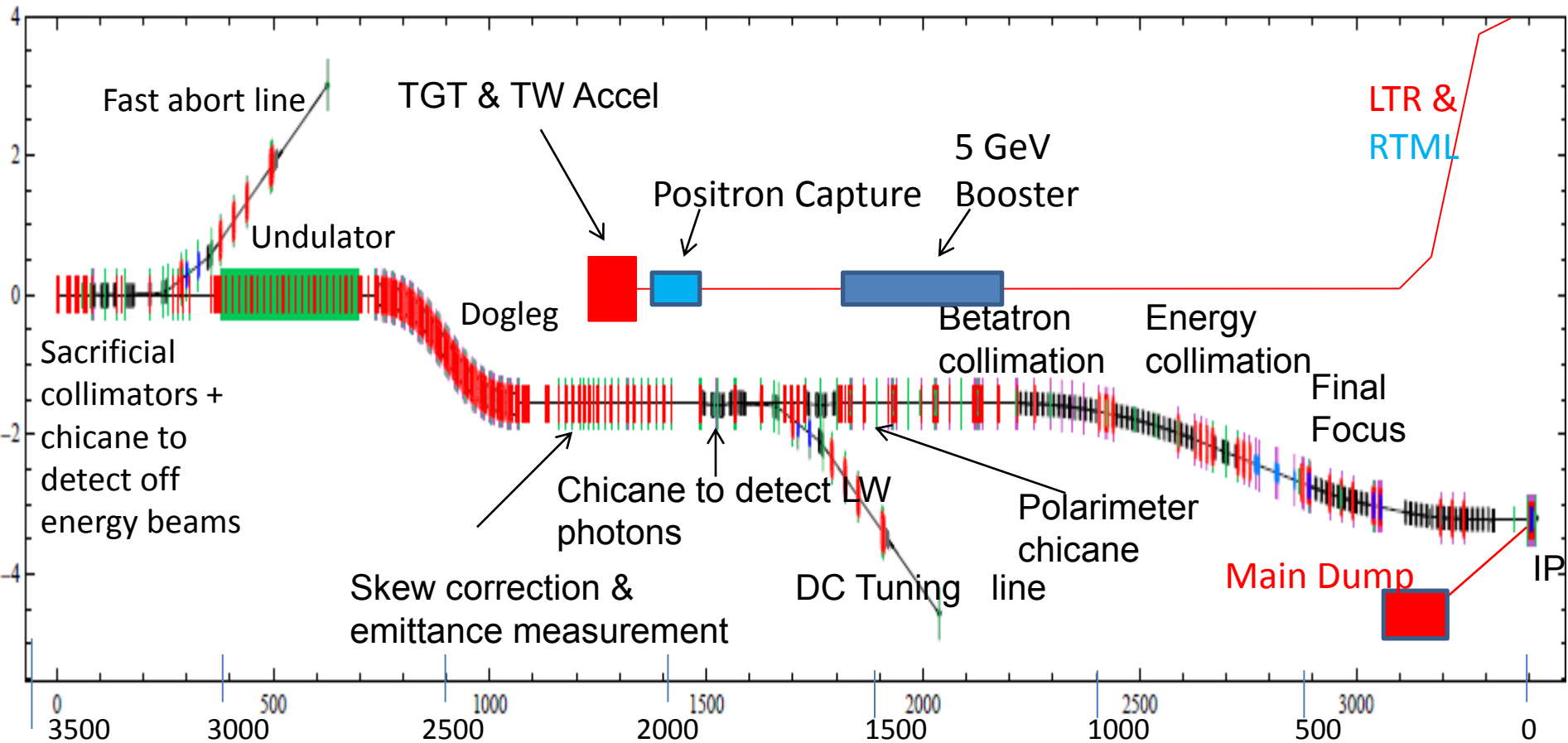


Review Layout of E- Linac Side of Central Region for Feb 10,2011 Meeting

- For E+ use Norbert's data from CF&S meeting 12th July, 2010, which has coordinates of E+ systems in X,Y and Z with Z=0 at the IP
- For BDS use Seryi presentation at BAW-2 Jan, 2011. Coordinates have IP at 3400 m.
- Combine into single 'physicist' picture and check for consistency--- see next slide
- Result is only an approximate fit! For example Norbert has TGT at 2172 m from IP and Andrei has it at 2300m.
- Did recent changes to polarimeter etc chicanes lengthen BDS?

Geometry of Central Region Electron Linac E+ Source Side



Some Questions coming from this exercise to think about before Feb 10

- Need to resolve layouts of E+ source and BDS
- Location of Iron Wall needs to be fixed to allow access to IR with beams to and from DR.
- Need to discuss layout options, (doglegs and dumps) for 10 Hz operation.
- Asymmetry between E+ and E- side of Central needs attention.... Either add dogleg to E+ linac side which makes everything symmetric or offset linacs and tunnels by 1.5 meters which complicates LTR/RTML layouts and CFS design.

Backup source material

- The referenced presentations are available via INDICO
- Have not checked what is in EDMS

Meeting July, 2010



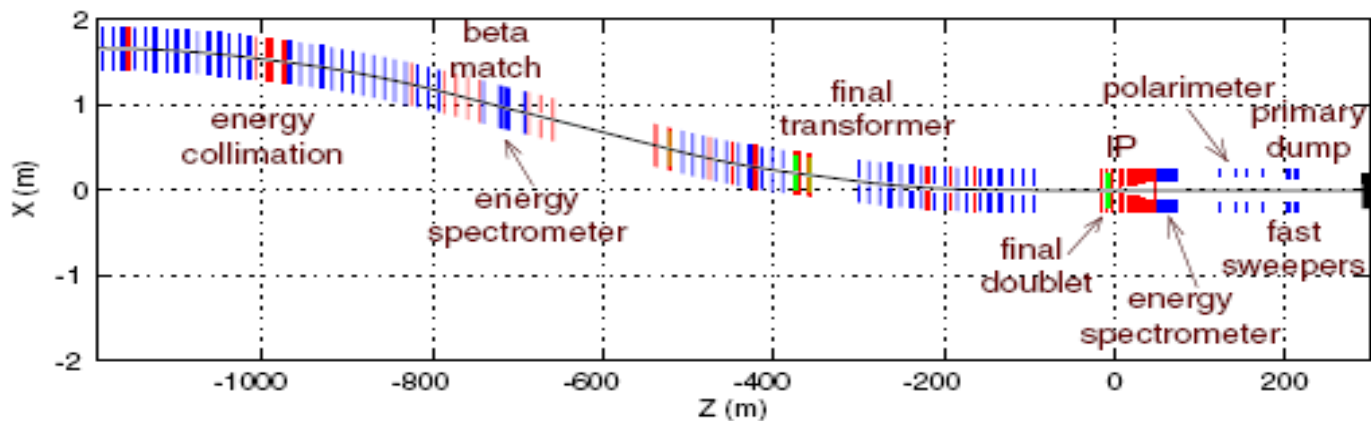
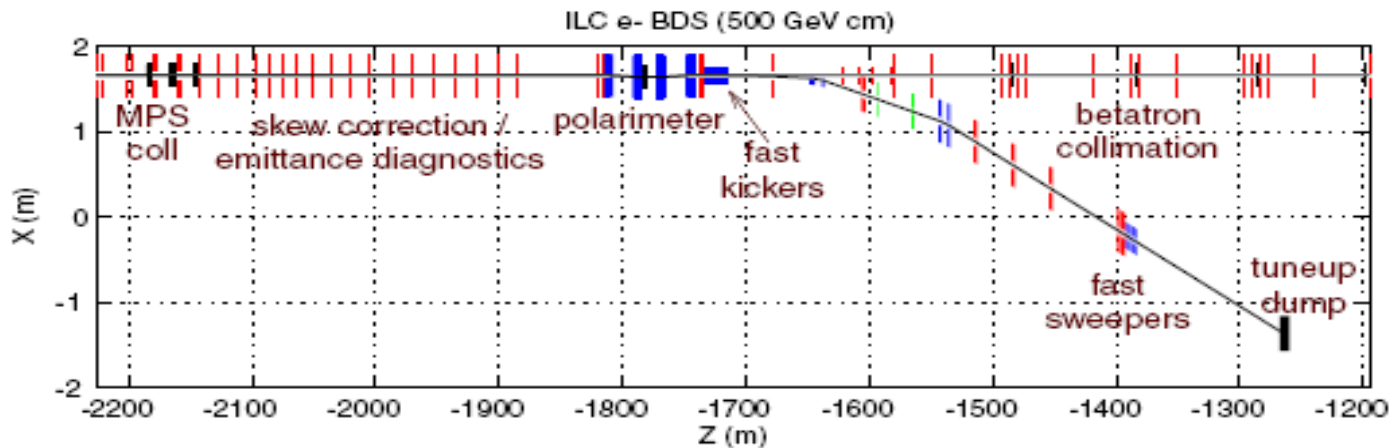
Science & Technology
Facilities Council

CF & S Meeting

Daresbury Laboratory

Positron Source Central Integration

Earlier BDS



At BAW-2 (A. Seryi Talk)

