

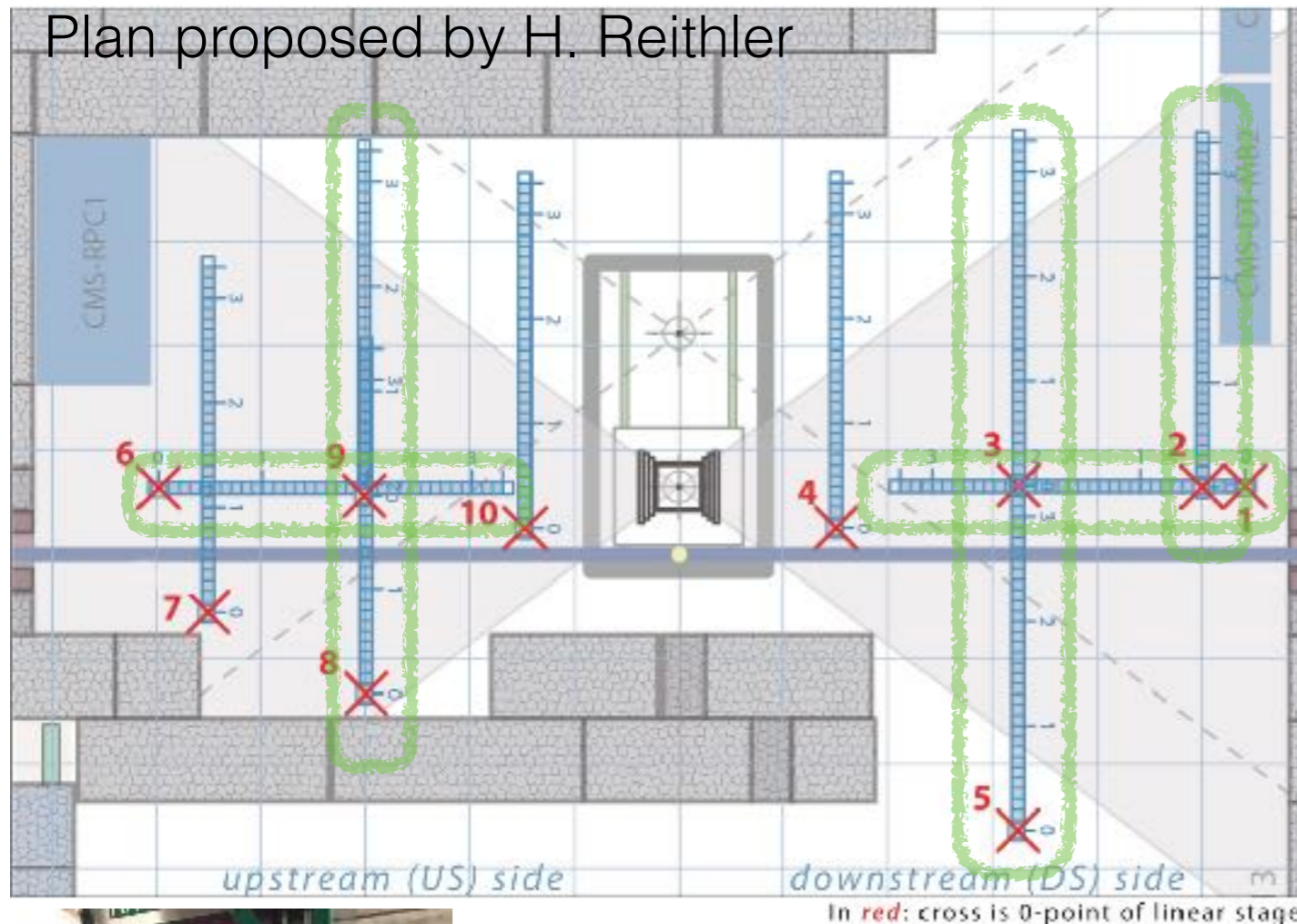
Field Mapping Campaign

- ▶ Automess AD-6 with 15/H external probe
- ▶ Linear stage with ≈ 3.3 m travel range
- ▶ All measurements taken at beam height
- ▶ Exact position yet to be reconstructed (cm level)
- ▶ System available for further measurements (e.g. to repeat with Berthold probes)



Field Mapping Automess

Plan proposed by H. Reithler



Absorption factors

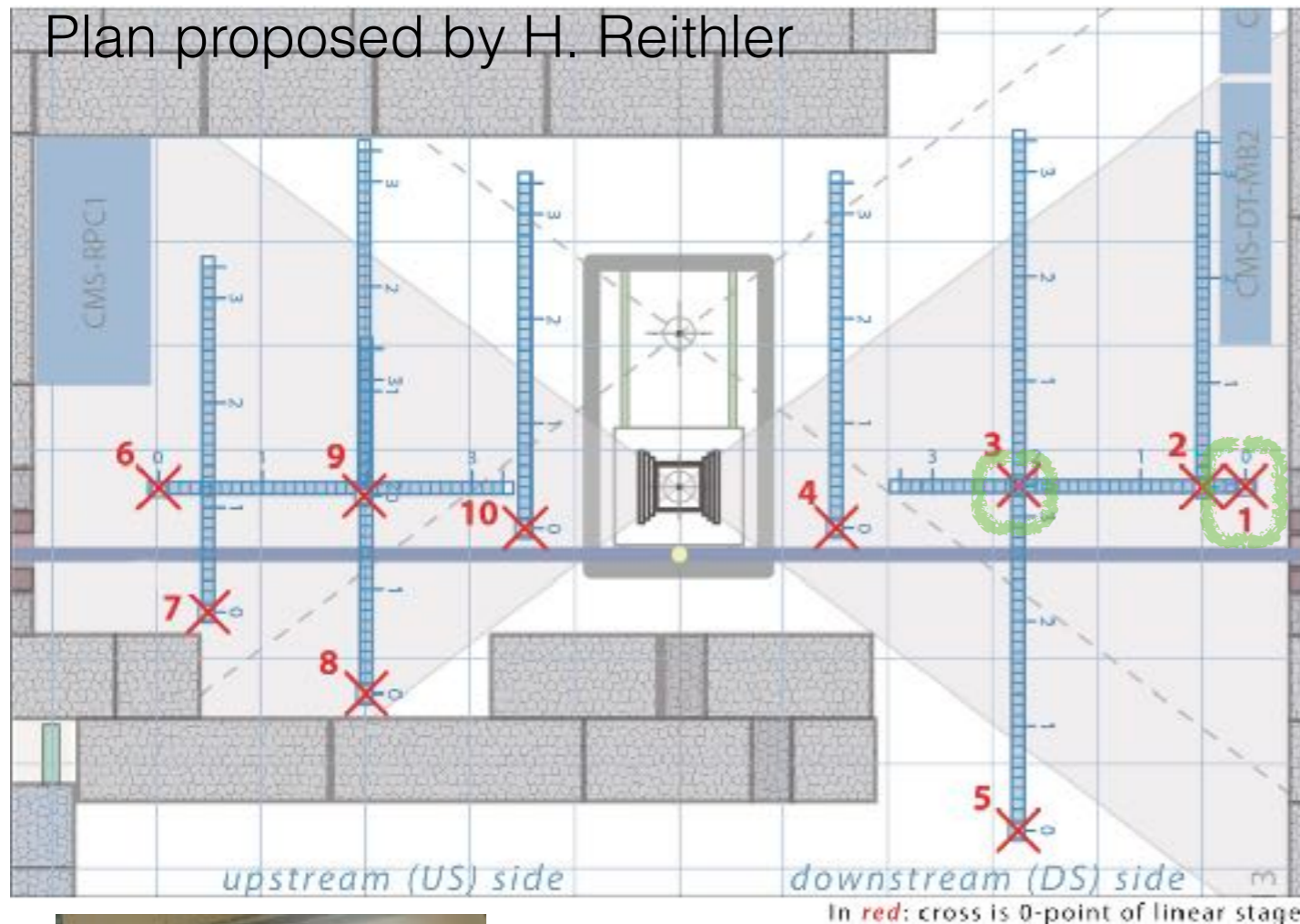
- ▶ 1/10/100(/1000) vs 46000
- ▶ 1/10/100(/1000) vs 1



- ▶ 5 different locations (2 x double length)
- ▶ Measurements every 10 cm
- ▶ Several filter settings, with and without backscattering
- ▶ Tuesday night : one extra measurement (P3+P5) with half filter installed

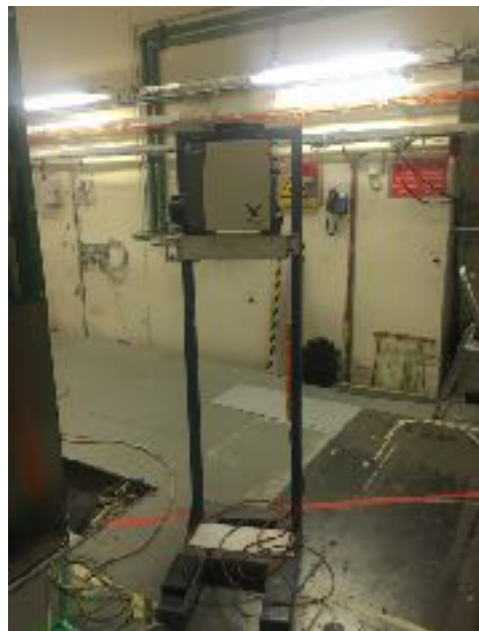
Field Mapping Falcon 5000

Plan proposed by H. Reithler



Absorption factors

- ▶ 1000/10000 vs 46000
- ▶ 1000 vs 100
- ▶ 46000 vs 100



- ▶ Hard to find working conditions - too sensitive !
 - ▶ Even full backscattering outside of range
 - ▶ Position 3 could reach filter settings 10000
 - ▶ Position 1 could reach filter settings 1000
 - ▶ High dead-time even with 10000.
- Trustworthy measurements ?

Field Mapping Campaign

- ▶ First : Most credits go to Carsten H.
 - ▶ Responsible for stage control software, dosemeter readout, transport, data taking...
(without his dedication, we simply would not have done this)
- ▶ Thanks to Domenico, Katerina, Giuseppe, RP,
- ▶ Hans for the preparation and suggestions
- ▶ Maeva for a full day operation of the Falcon 5000

THANKS !