



Decommissioning of CTF3

Nothing has been studied on the cost, manpower needed, environmental impact (RP) etc.

This is just to raise some points that may influence your decisions as to what we are going to do at the end of CTF3 run



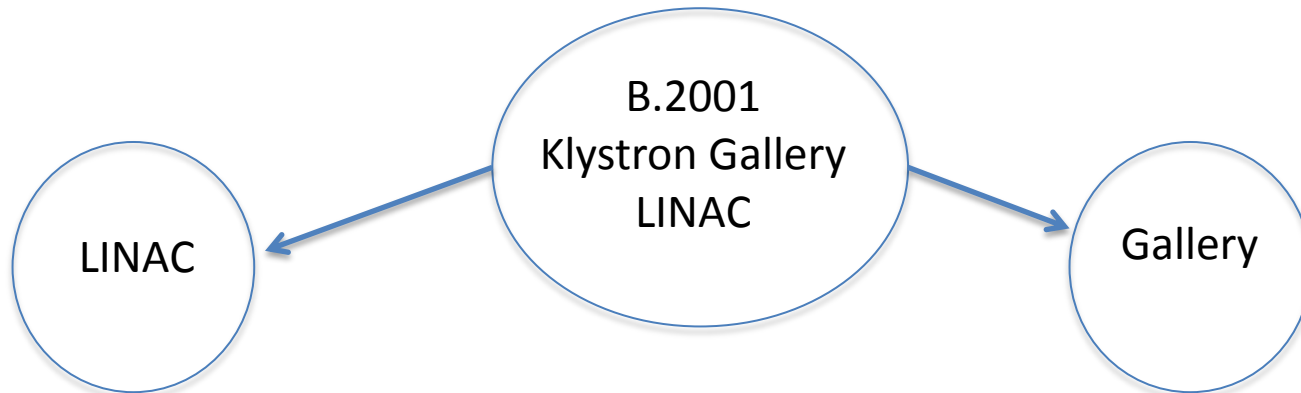
- CTF3 foreseen to stop at end of 2016
- Future use of the CTF3 complex
 - 4 different zones
 - Linac and gallery
 - Delay loop – combiner ring
 - CLEX
 - CTF2
- Radiation
- Available manpower
- Storage



Some ideas that have been suggested

- Simplest solution close the complex and lock the doors
- Continue running CTF3
 - Costs
 - New access control system needed
 - Upgrade of modulator controls (get rid of non supported CAMAC)
 - manpower
- Reuse the Linac and rings for electron injector to PS
 - Costs
 - New access control system needed
 - Upgrade of modulator controls (get rid of non supported CAMAC)
 - manpower
- CLEX
 - Keep CALIFES operational
 - New access control system needed
- New DB injector test area
 - Use LINAC area but probably need civil engineering work in CTF2 area to allow modulators and klystrons to be installed (too large for gallery)
- CTF2
 - Continued PHIN tests, X band test area
 - New access system needed

Example of clearing out an area



Controlled area

Not INB .. No INB paperwork needed ☺

Each item that is removed needs RP control
(full time RP technician in situ necessary)

Timescale some weeks maybe months

Storage area needed for activated items

Storage area needed for non activated items

No radiation issues as installation is not activated

Mainly klystron modulators

Magnet Power supplies

Control racks

Any requests for reusing components?

Significant manpower needed for removal and reinstallation



Conclusion

- Any ideas on what should be done with CTF3 complex and its equipment need to be thought out carefully and propositions should have solutions for manpower, upgrades, space and storage.
- 2017 is only 34 months away start thinking now to avoid surprises