

#1 – CTF3 Committee: CALIFES COMMISSIONING

CALIFES start with beam:

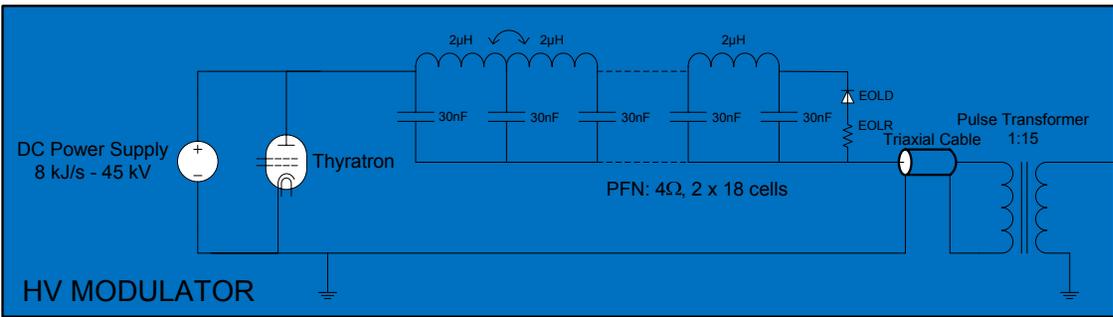
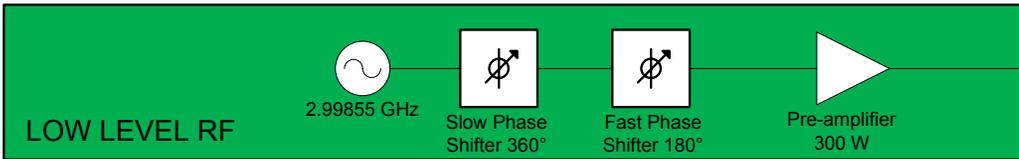
Phase 1 (w/o circular phase shifter): start 24 July until September

- work on accelerating structures,
- RF pulse compression,
- diagnostics tuning

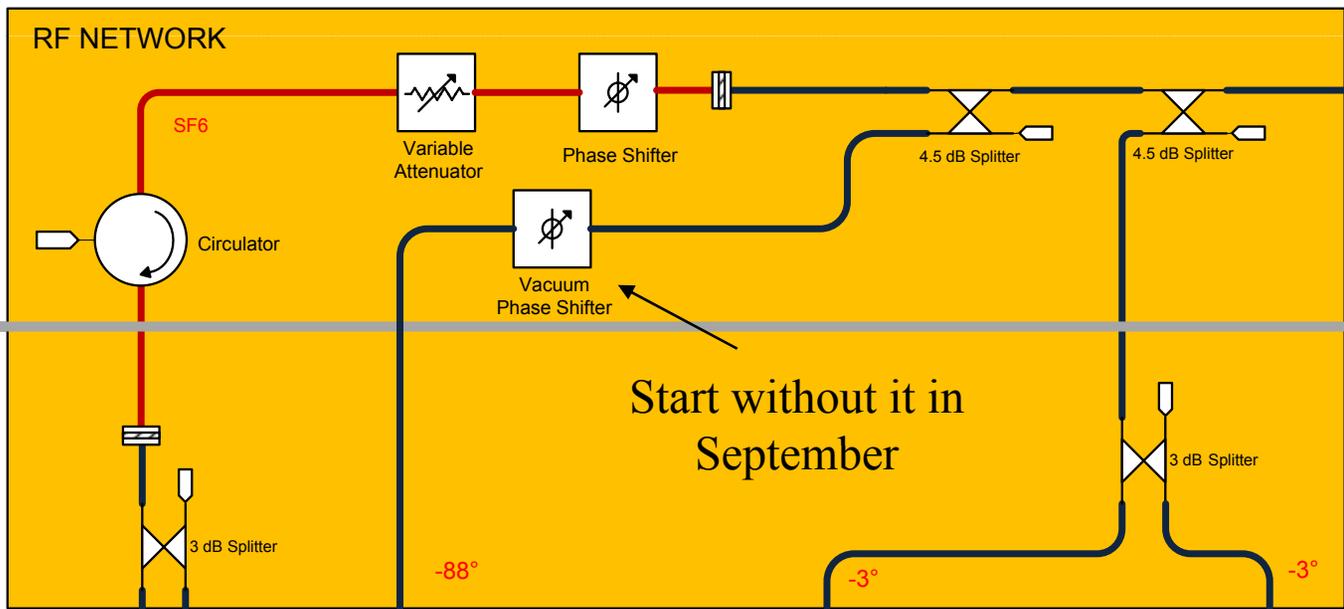
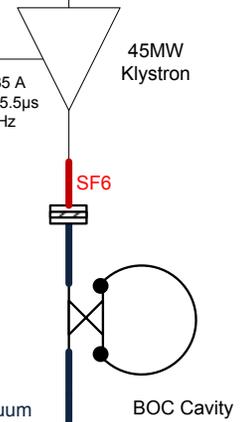
→ start with low charge (0.05 nC?) and reach nominal beam parameters (increase current to nominal: 0.6 nC – 0.9 A, increase pulse length to nominal)

Phase 2 (with circular phase shifter) : start in December 08

- optimization and complete characterization of nominal beam (play with the power phase shifter ?)



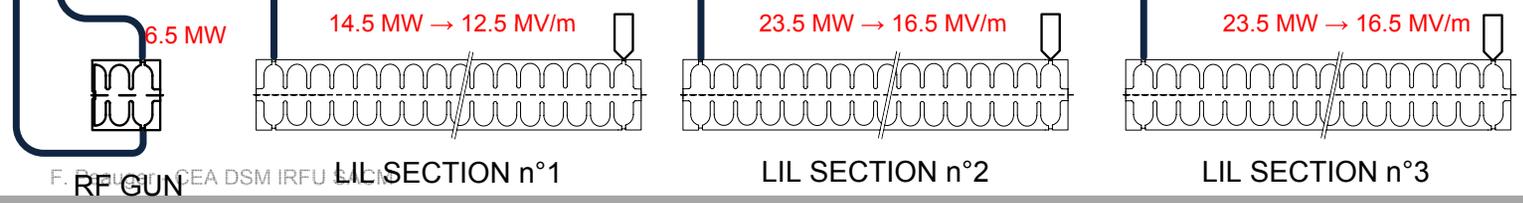
305 kV - 335 A
7.6 μ s@75%, 5.5 μ s
flat top, 5 Hz



KLYSTRON GALLERY

BEAM TUNNEL

Start without it in
September



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+ Long term mission of Wilfrid Farabolini
2 years for commissioning and operation