

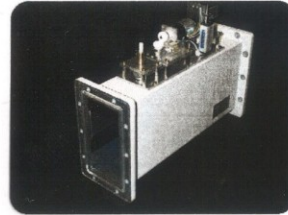
Status RF System

S. Choroba

Waveguide cont.



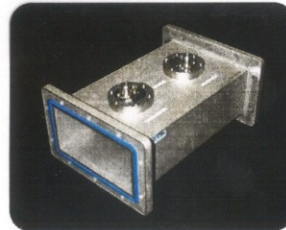
New 5MW isolator and new
5 MW klystron at modulator 3



5 MW phase shifter



3 stub tuner now with
remote control



Gas tight directional couplers

Waveguide cont.

ACC 4



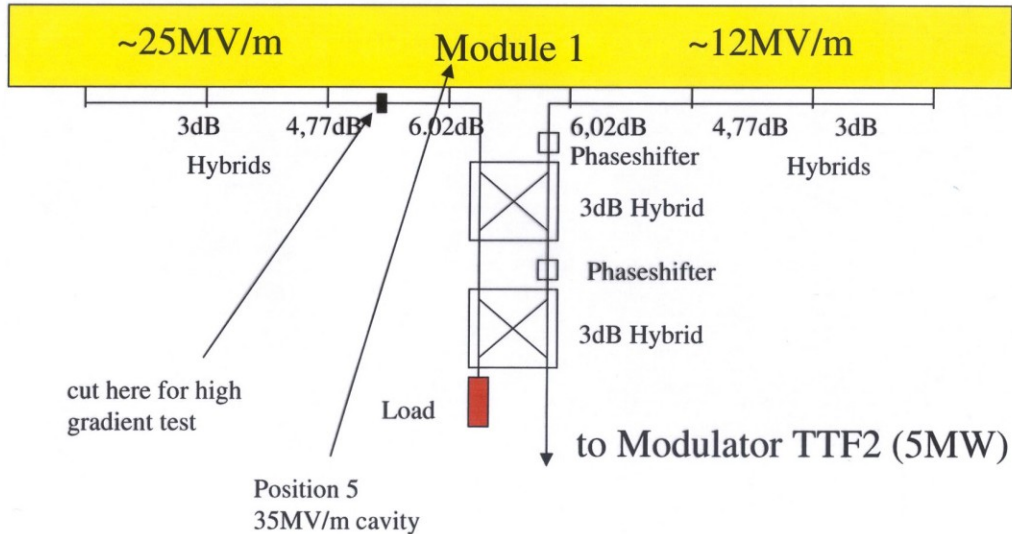
ACC 5



Waveguides cont.

- Waveguides for ACC3, 4, 5 ready and tested
- More waveguide components for power distribution at ACC5 were required than anticipated
- Waveguide components for ACC1 and 2 were ordered and were delivered in September 2003
- Installation will start after installation of the module 1
- Distribution for ACC2 installed and rotated
- Installation for gun this week

Waveguides



Modulators cont.

- TTF 7 installation for Module Test Facility in 2005 ?
- SMES modulator received in Nov. 2003, SMES Coil in Feb. 2004, installation ?
- MBK and Waveguide Component Teststand in Hall 2 in 2004, has already started
- HV Pulse Cable Test at Modulator TTF 4 components are ordered or already delivered

Modulators cont.

- TTF 1, 2, 3 Fermilab type ready, will need new interlock system in the near future and improvement of subsystems (e.g. HV switch, HVPS etc.), ongoing, MKK improved PS regulation during shut down
- TTF 5 ready, has now complete remote control
- TTF 4 high power part ready, will get complete remote control till the restart of module test
- TTF 6 installation 2004 ?

Modulators



Klystrons cont.

- CPI VKL-8301 10MW MBK ready for bake out on January 15th, test foreseen at CPI for end of February, delivery to DESY in 2004
- TOSHIBA E3763 10MW MBK test at Toshiba in 2004, more information by Yong Ho Chin

Klystrons

- THALES TH2104C Klystrons (5MW) available
- THALES TH1801 Klystron (10MW MBK)

prototype at DESY, increased gun arcing rate

series #1 and #2 at THALES for repair and modification

more tubes are ordered

Tentative delivery schedule:

#1 May of 2004

#2, #3,#4 in 2004

#5, #6, ... in 2005

TTF2 RF System

