SLED II/4 Pack Schedule
Schedule Goals

• Install all infrastructure and components by to run modulator and 3 XP-3 klystrons to loads starting July 1\textsuperscript{st}, \textbf{except} SLED II RF Distribution components.

• Begin Installing SLED II RF Distribution components on Oct. 2002.

• Begin running full SLED II system in January 2003.
Schedule Reality

- Running modulator & klystrons with no RF by 7/1 should happen.
- LLRF control installed 7/10 and monitoring installed 8/30. RF running 9/1.
CF Floor

- **Finalize Floor Layout - 1/31**
- Angle Curb installed then Floor sealed 2/4-14.
- Mark Pedestal Layout 2/21, Install 5/6-10
- Install Floor and Fire Alarm – 5/20-24
- Install Rack frame 3/20-21
CF LCW and Electrical

- Install under floor piping 2/22 – 4/4
- Install piping to 8 pack assembly 4/24-5/2
- Install piping to klystrons and loads 5/3-10
- Install power to modulator PS 3/4 – 19
- Install under floor electrical 3/25 – 5/3
- Install conduit to Racks 5/7-15
Racks

- Purchase Racks 1/31 – 3/15
- **Install Racks in Bldg 62, 5/8 - 13**
- Racks cabled to AC power 5/14-17

- Conflicts
  - Vacuum Electronics arrive 5/1?
  - Controls Installed? No dates yet
Cables

- **Cable Plant design final 2/7**
- Cable Trays Installed 3/25 – 4/5
- Cables Installed 4/8 – 5/24
NLC - The Next Linear Collider Project

Modulator

- Install HV Power Supply – 2/11 - 3/1
- Install Tank & Stand – 4/2 – 4/15
- Install Modulator – 4/16 – 5/15
- Install XP3 #1 – 5/15
- Install XP3 #2 – 5/22
- Test 2 Klystrons, no RF – start 6/11
- Test 2 Klystrons with RF – 9/1
XP-3 Klystrons

- XP3 #1 tested and ready – 3/15
- XP3 #2 tested and ready – 5/3
- XP3 #3 tested and ready – 8/15
RF Distribution

- Final RF design 2/1, except new coupler
- Component Fab 2/1 – 10/1
- Install 10/1 – 1/23/03
Critical Path Items

- Floor Plan Finalized 1/31
- Cable needs finalized 2/7
- Water & Electrical Requirements 2/22
- Modulator Tank Installation by 4/15
- Racks Loaded by 5/1

- **System Design Review 2/22**