



ATF2 High Availability DC Magnet Power Supplies

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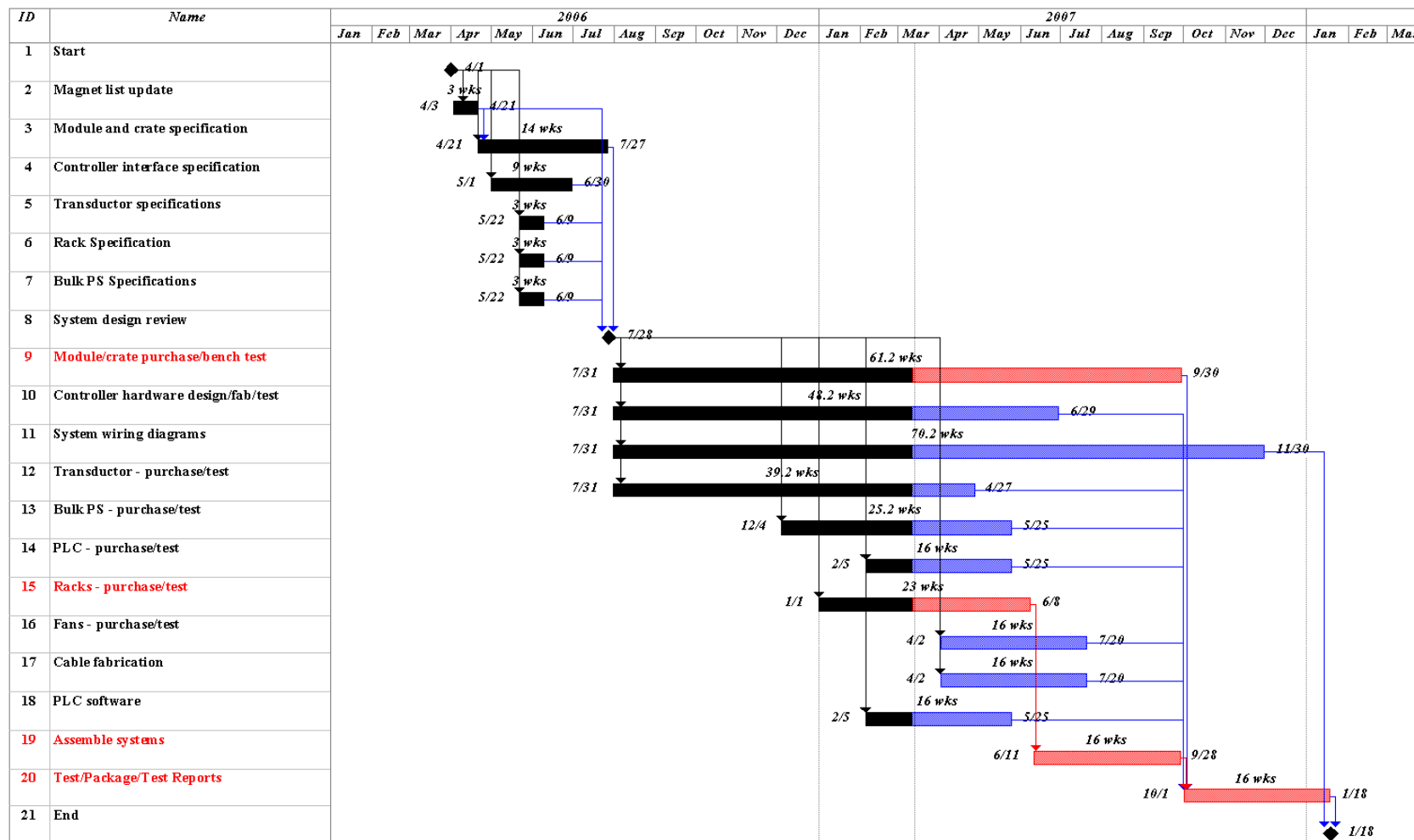
Topics

- Current Progress
 - Purchased Parts
- Pending Items
- Commissioning Schedule
 - With everything ready
 - Without magnets



Schedule

ATF2 - High Availability Power Supplies - Briant Lam, Project Engineer



21 March 2007

ATF2 Power Supplies



Purchased Parts

- Power Supplies:
 - OCEM HA Power Supplies - September 2007
 - Received schematics on 16 March 2007
- Bulk Power Supplies:
 - Lambda-EMI ESS 40V 250A - May 2007
- Ethernet Power Supply Controllers
 - SLAC - June 2007
- Racks
 - Out for bid (Build to print) - May 2007
- PLC
 - Allen Bradley ControlLogix - May 2007



Pending Purchase

- Cables
 - Intra-rack Control Cables
 - Intra-rack Power Cables
- Fans
 - Pending design
 - Suggestions from OCEM

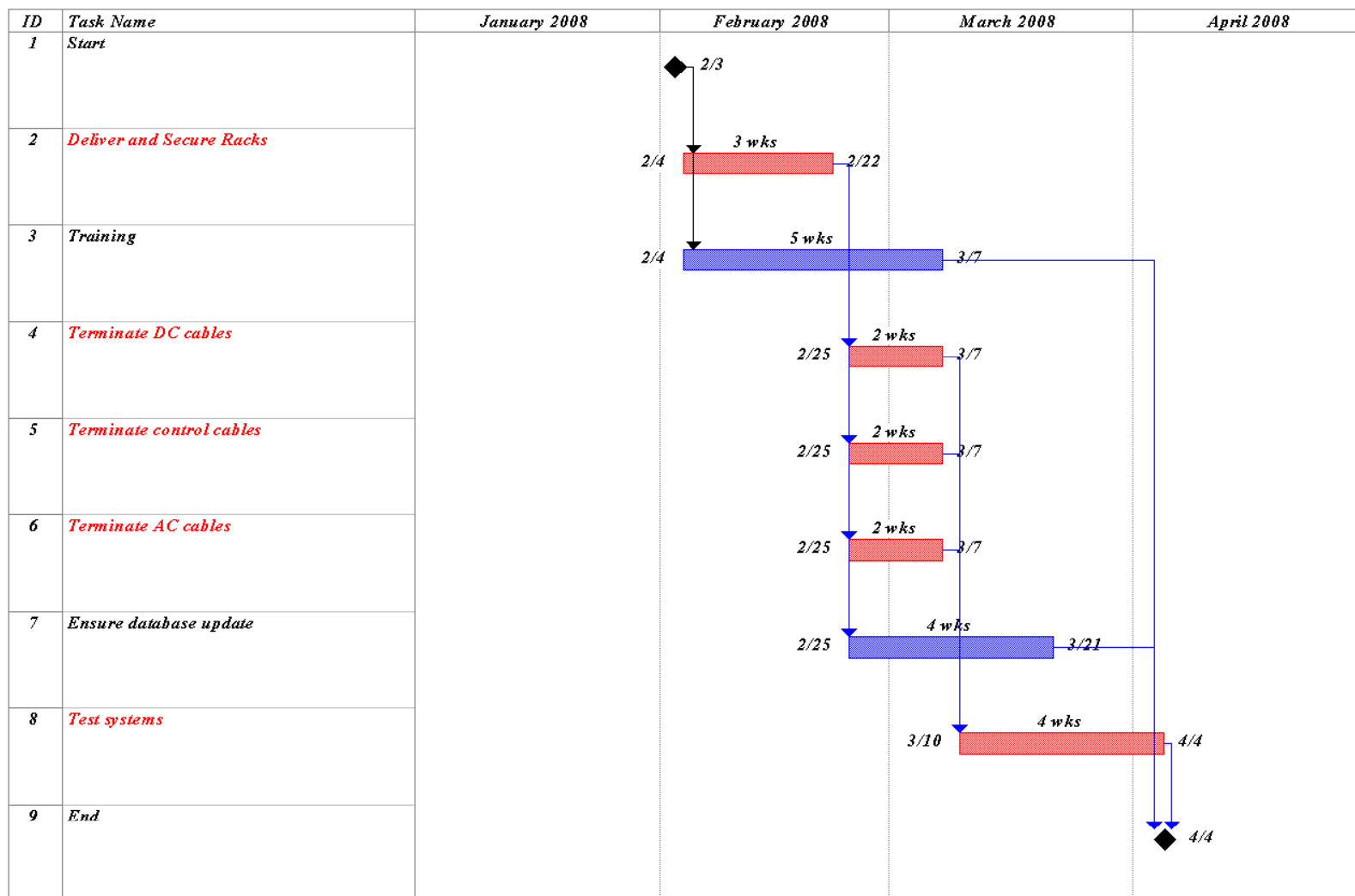


Pending Items

- System Drawings
 - Rack Layout
 - Power Systems Wiring Diagram
 - PLC Chassis
- Assembly
 - Starts after Racks are received
- Test
 - Starts after Assembly



Commissioning Schedule





Commissioning Schedule

(Two steps if magnets are not ready)

