Run II Offline Project Plan

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- **Our Goal:**

  Data Analysis "the way it should be done"

- **This Requires:**

  Software is as serious a job as hardware

- **Run the Offline "Like a Project"**
  - We have prototype WBS
  - WBS complete and "resource loaded" for Oct PAC
  - We will have Offline MoU mid Fall
  - Today: outline, schedule and milestones

Fall 98

- **Oct 98**
  - Production Executable
  - Data Handling “Proof-of-Principle”
  - Physics Analysis Software Recommendation
  - **Review** by Offline Godparents (10/7-8)
  - **Review** by FNAL PAC (10/23-24)
- **Nov 98**
  - Assemble DH prototype system
  - Farms Prototype running Oct Exe
  - Calibration DB Design and Prototype
  - Geometry Data Base Design
  - Remote Access Workshop
- **Dec 98**
  - **Review** of Analysis Hardware by ad hoc Tech. Com.
  - Farms writing to tape robot
  - Treatment of Production catalog
  - Treatment of luminosity
  - Revised data model proposal
  - Data streams proposal (joint with TDSWG)

Winter 99

- **Jan 99**
  - Data handling , Farms prototypes
  - Collaboration Approval of DH Plan
  - Calibration DB prototype
  - Input modules prototype
  - Output module development
  - **Review** by von Ruden committee (Jnt Prjcts & CDF)
- **Feb 99**
  - Begin Full Prototype Integration
    - All systems
    - Interactions with Online,Trigger,Detector Groups
- **Mar 99**
  - Serial Media P.O.
  - First Analysis System P.O
- **April 99**
  - First Farms P.O.

Spring 99

- **May 99**
  - Full prototype integration complete
  - Production Executable has
    - Real geometry DB
    - Real calibration hooks
    - New version of Data Model
  - Data Handling System has
    - Analysis system, Farms, Disk Cache, Tape Store, RIP
    - Full Resource Management
    - Full Production Management
    - Full Interactions with CDF Data Catalog, Trigger DB
  - Simulation
    - CDF II with real geo DB, calibrations, DM
- **June 99**
  - Engaged physics groups
  - Test Download Run I Data Set
  - Create Large MC data samples
  - Begin Mock Analysis Exercises
  - Optimize the full prototype

Fall 99

- **Sept 99**
  - Run from CDF Data Logger
  - Mock Data Challenge
- **Oct 99**
  - First Run II Hardware at FCC
- **Dec 99**
  - Fully Functional Run II System
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- **April 2000:**

  Data Analysis the way it should be done