

# Analysis Goals and Joblist

Divide into two groups :

East (Japan)

West (US, Greece)

The main goal:

To complete analysis of the Phase 2 events before March 2002.

"Phase 2 events" are all events that can be recovered or located with the present hardware (UTS) within the constraints of the schedule.

## *East* Joblist:

- 1) Develop CS scanback technique
  - provide CS data m-files
  - attempt global module alignment (fix slips, etc.)
- 2) Schedule scan stations for new event predictions
- 3) Take scan data for Period 3 "New" predictions (in progress)

## West Joblist

### 1) Vertex predictions for "Not Found" events

- Classify : MESSY, CSSB, NET
- Action:
  - a) reject if MESSY
  - b) get (u,u',v,v') @ CS for SFT tracks if CSSB
  - c) make new vertex predictions if NET

### 2) Vertex predictions for not scanned events

- Select MESSY (~60) or OUT-OF-FIDUCIAL (~100) for vtx predictions
  - a) reject if MESSY
  - b) get (u,u',v,v') @ CS for SFT tracks
  - c) make new vertex predictions in NET

### 2) Re-strip Per 1,2,4

- Process \*.nustrip files using Athens strip code
- Visual scan filter of selected events
- Make vertex predictions using Athens vtx code

## West Joblist (cont'd)

### 4) Event Parameter Analysis

- Select parameters and generate MC files
- Use for all kinks, tridents with momentum data

### 5) Neutral Heavy Particle Search

- Determine data set for analysis

### 6) Event Set Characterization

- $\nu_{\mu}$  CC analysis
- $\nu_e$  / NC analysis

### 7) NIM Paper

- Get a working draft before end of December