

Apr. 30

Wednesday, April 30, 2014  
12:50 PM

\* Project-driven schedule

1) Frames - Jack late May.

2) Coils

3) SF mount

4) WC mount

} June: Libertad, Ivan  
Aaron?

\* topics:

integration, alignment jigs, X-Y tables

B-field

radiation calcs, IRR

schedule - summer.

\* People at ORNL

Chris C. - May 12 - June 10, July 25 -

Aaron S. - May 12 -

Ivan N. - mid-late May.

UT grads - [Geoff] 4 students

Michael - later in summer. this Tues.

Carlos - summer after paperwork

Pil? -

Libertad - visa expires mid May; come late June  
will spend more time if not teaching.

Andr s - might be able to come.

\* Alignment meeting tomorrow 10:00

\* Frames - Jack

- locked the positions in

- has callouts - could go ahead and order

- still need to design EDM stand part.
- design review -

#### \* RFSF -

- 10nF 12nF? ← buy this one!
- electronics - not reliable!
- use the switches?
- feedback never worked.
- David: + - + - + - →  
all + states turn on the same
- let's look at NPDR shifts.
- I'll look at it in a couple of weeks.
- Geoff: analyze with binomial coeff's to cancel drifts.

#### \* B-field - Libertad.

- 3/4 done frames, started gluing
- mounts: L-bracket with holes  
screw-clamp frame onto bracket.
- Power supply parameters: gauge 18 too much resistance  
need gauge 12-4x area
- 1st coil wound: end next week
- terminal blocks?

#### \* X-Y table - can hold a lot.

- Libertad will ship it right away
- 10 lbs vertical
- Ricardo?

#### \* Wire Chamber

- housing on
- long bolts were magnetic, ordering new one.

- end of this week: survey & alignment
- hope to have 4lt before leave
- no sparking at 500V, want to run at 1500V.
- mount rings - need longer bolts.
- Josh will check it.
- should use ~~stainless steel~~ kinematic mount.  
Al is OK.

#### \* radiation calculations

- simple cover is not quite enough
- working on tube for .25m<sup>2</sup> on roof.
- next week: meeting w/ Don Gregory.