Background: This is a report of the Project Meeting held Wednesday, May 14th. The meeting was moved to Wednesday to permit all Job Managers to attend.

The focus of this meeting is to primarily look at the next three weeks and the actions needed to ensure that the scheduled items will be met. The RLMs conduct this meeting using the three month look-ahead schedule that is sent out prior to the meeting. These minutes include:

- Summary of actions identified during the meeting;
- Safety minute briefing;
- Three week look ahead schedule: and
- Action items from previous and the current meeting

Meeting Minutes:

<u>Safety Briefing</u> –. Phil Heitzenroeder presented a Safety Minute on sleep deprivation. Sleep deprivation and exhaustion are a major cause of accidents, comparable to alcohol impairment. It is a risk factor that should be taken into account in preparing to perform hazardous activities.

Heitzenroeder (RLM)

- Art Brooks (Job 8204) it was noted that Art's group has been performing unplanned and likely unbudgeted work. Art was given an action to add these tasks (i.e., scenario development, fault modes, magnetic materials studies, time constant if inconel hoses are used & insulating breaks eliminated, eddy currents, estimates to the ETC. (**Brooks**)
- <u>Tom Brown (Jobs 8203/8205 Design Integration)</u> Tom reviewed his work load and was requested to add more granularity of his WAF on the work being performed, (**Brown**)
- Jim Chrzanowski Mike Kalish reporting Jobs 1302/1352) PF coil
 procurement ready to be awarded placed on HOLD by OFES pending decision
 on NCSX.
- Mike Cole (Jobs 1353/1416/1421/1601/1806/1260).
 - Job 1260 (NB Transition Ducts) new engineer will be assigned in next few weeks in the interim, Mike Cole will have the lead. Peer review forecast for June 23rd to address personnel access and interface issues. Need interim milestones to assess whether June 23rd date is realistic (Cole) Additionally need to get Site Protection (Jim McGuire involved Hutch will contact Jim.
 - o Jobs 1416/1421/1806/1901
 - thermal and structural analysis of MC & LN2 cooling is proceeding expect to get EM an structural analysis to H.M Fan by end of week and cooling analysis next week.

- Electrical lead cooling analysis schedule for May 27th is at risk due to loss of designer at ORNL. This info is needed to permit Paul to size the cables. **Mike Cole** to develop work around plan.
- Related question how do VV Title III jobs and unscheduled work get added and charged? => add to WAF, albeit with no budget and will accept variances. Action: work out plan to collect charges for unplanned work that comes up and propose mechanism for collecting charges for such work to Project (Harris/Strykowsky)
- Station. 3: Forecast models & drawings approved by May 23rd (primarily due to additional comments received from reviews).
- Increase granularity of schedules in Jobs 1355. Increased granularity provided for other ORNL jobs. (Cole)
- Good progress on retiring risk mitigation tasks (3 of 7 completed!). Related question are there more risk mitigation tasks we should add? (Cole/Heitzenroeder)
- O Job 1601-161 (LN₂ Manifolds PDR still on track for June 2nd or 3rd. Working to establish a baseline for the PDR SRD should be issued (even if incomplete) before Paul goes on vacation (**Harris/Cole**). Need to organize PDR team for LN₂ manifolds (**Heitzenroeder**)

• Fred Dahlgren (Jobs 1353/1501/1702)

- o FDR for Coil Support Structure delayed to update drawings and some analyses now project May 23rd. (**Dahlgren**). Heitzenroeder to contact reviewers and finalize date.
- o SRD for Base Support Structure out for sign-off
- o SRD for Coil Support Structure out for sign-off
- o FDR for Coil Support Structures due at end of June. Working on TF support brackets and integrated stress analysis. However, if active cooling becomes a requirement, then this date will be in jeopardy.
- <u>Bob Ellis (Job 8205)</u> Station. 3 Dimensional Control Plan draft issued last week. Comments due back in May 19th.

• Mike Kalish (Jobs 1361 & 1354):

- o Trim coils. Mike is proceeding to finalize documentation and resolve CHITs. (CSPEC and SOW signed on May 15th)
- Steve Raftopoulos (Jobs 1702 & 6201)
 - Contract with Bagley Associates in process placed for cryosystems support. Also pursuing a contract with a Cryostat expert is determine his availability.
 - O Question on whether or not we will route all leads out cyrostat can we series them internally? (Heitzenroeder set up meeting to resolve this)
 - Provide greater granularity on proposed cryostat work (FMEA, SRD, R&D, etc.) (Raftopoulos/Heitzenroeder)

Larry Dudek (RLM)

- o Tom Brown (Job 1803/05) wedges received.
- o Station 3 clearance studies in progress report expected at end of week.
- Station 5 6 tooling will be delayed until FY2009, but other Station 5 work will proceed to support assembly operations and planning. New envelop study needed to follow up on the port alignment issues. (Brown and Cole will work together to do this work)
- Mike Viola Jobs 1810/1815) .
 - NCR 3758 issued to resolve reliability issue on leaking hoses. Vendor has
 determined that the hoses do leak and nothing that PPPL did contributed to
 this. Assessing their inspection records, but will replace at no cost.
 - DOE review of lift procedures need schedule for these three reviews (Makiel)
- Brent Stratton (Job 3101) installation of Rogowski loops scheduled to be completed by end of May. Work plan developed and being implemented to complete checking of thermocouple leads and heater leads by end of May to support assembly operations. (**Stratton**)
- Goranson (Job 12XX) need to define path forward for enclosing pyrogel in nomex bats. **Harris** follow up with Benson to define what needs to be done (R&D & procedures).

Don Rej/Jeff Makiel

• Briefly discussed status of OFES decision on NCSX – still no indication of what the decision will be or even when. Issue is that OFES really does want to pursue its goals of evaluation alternates to the tokamak (e.g., NCSX, NSTX, mirror, reverse pinch), but sufficient funds not likely to be available.

Attachments

Safety Minute for May 14

Phil Heitzenroeder

What is thought to be the underlying cause of...

- 100,000-150,000 motor vehicle crashes
- 4% of all fatal motor vehicle crashes
- As many as 100,000 accidents due to medical errors

It's simply drowsiness due to lack of SLEEP!

 "Drivers who have not had enough sleep can have driving problems that are comparable to those experienced by people with modest blood alcohol levels. The loss of as little as three hours of usual sleep affects an ability to maintain a consistent speed and a stable road position." [AORNL Journal, Oct. 2003]

Sleep deprivation is thought to be a significant factor in major accidents

 "60 Minutes checked. The Exxon Valdez spill happened after midnight with a man at the helm who'd slept only four hours the night before; Chernobyl and Three Mile Island also occurred late at night and involved human error. And the assistant captain who crashed the Staten Island ferry into a pier, killing 11, admitted that he felt exhausted before the accident.

Many people want something associated with morals or management or...alcohol," Dinges remarks. "Those are far more glamorous. But, in reality, many of these disasters involve poor judgments and slowed reactions at a time when people were basically tired and made not complicated mistakes. Simple ones. And that is the hallmark of sleep deprivation."

Some other facts from the "60 Minutes" presentation

- "In fact, sleep is as essential as food because they (test rats) will die just about as quick from food as from sleep depravation.
- Sleep, we've been finding, actually can enhance your memories, so that you'll come back the next day even better than where you were the day before...
- It's this odd notion that we all think in Western civilization that we have to stay awake to get more done. And I think that's simply not true. In fact, I think if you have a good night of sleep, what you'll find is that you can get more done than if you simply stay awake.
- ...the first finding, and it stunned us, was there's a cumulative impairment that develops in your ability to think fast, to react quickly, to remember things. And it starts right away.....each day adds an additional burden or deficit to your cognizant abilities
- I would say that sleep deprivation may be a new risk factor for diabetes." (as well as heart disease, high blood pressure, and stroke)

For more information

- http://www.cbsnews.com/stories/2008/03/1
 4/60minutes/main3939721.shtml?source=
 search_story (the entire video is available here).
- http://www.nhlbi.nih.gov/health/prof/sleep/r es_plan/section4/section4d.html (Sleep and safety)
- http://findarticles.com/p/articles/mi_m0FSL /is_4_78/ai_108967596

| Activity ID | Activity Description | Duration (work days | Forecast Start | Forecast Finish | Baseline Finish | Schedule slip to baseline (work days) | Remaining Float | % Cmplt | FY08 A MAY 28 5 12 19 26 | J 2 |
|--|---|---|--|--|--|---|---|------------|--------------------------------|--------|
| hil He | eitzenroeder | | 1 | | | | | | | |
| rooks | | | | | | | | | | |
| ob: 8204 | - Systems Analysis-BROOKS | | | | | | | | | |
| | | | | | | | | | | |
| 8204-FY08) | Systems Analysis, studies & tech assurance FY08 | 250* | 010CT07A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | | |
| | Oystems Analysis, studies a teen assurance i 100 | 250 | OTOCTOTA | 303LF 00 | 303LF 00 | U | 1,321 | LUE | | |
| Brown | - Design Integration-BROWN | | | | | | | | | |
| 00. 6203 | - Design integration-BROWN | | | | | | | | | |
| | 1 | | | | | | | | | |
| 8203FY08-2 | Pacility models update&integration | 377* | 01APR08A | 30SEP09 | 30SEP09 | 0 | 1,272 | | | |
| 8203FY08-4 | General integration activities | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | | |
| hrzano | | | | | | | | | | |
| lob: 1302 | - PF Design -CHRZANOWSKI | | | | | | | | | |
| | | | | | | | | | | |
| 1302-275 | Resolve FDR Chits | 70* | 22FEB08A | 30MAY08 | 02MAY08 | -19 | 1,236 | 90 | - I | |
| Job: 1352 | - PF Coil Procurement-CHRZANOWSKI | | | | | | , | | | |
| PF Coil Fab | | | | | | | | | | |
| 1252 400 | Motorialo Delivery DE 4.5.0 | 604 | 04455000 | 00 ## 00 | 07 !! !! 00 | ار | 4 | 40 | <u></u> | |
| 1352-100 | Materials Delivery PF 4,5,6 | 69* | 01APR08A | 08JUL08 | 07JUL08 | -1 | 1,580 | 16 | | |
| 141-035E | DOE Approval | 0 | 04555004 | 16MAY08* | 09MAY08* | -5 | 303 | _ | | |
| 141-038.1 | PF Conductor Delivery | 105* | 21FEB08A | 18JUL08 | 18JUL08 | 0 | 356 | 1 | | 7 |
| 141-036 | PF Coils Awarded | 0 | 00 # # 400+ | 30MAY08* | 30MAY08* | 0 | 303 | | · V | |
| | Design/Fab Tooling | 85 | 02JUN08* | 30SEP08 | 30SEP08 | 0 | 303 | | | |
| 1352-121 | | | | | | | | | - | |
| 141-031 Cole Job: 1416 | - Mod Coil Type AB Fnl Dsn-COLE | 370 | 02JUN08* | 19NOV09 | 23OCT09 | -19 | 1,236 | LOE | | |
| 141-031 Cole Job: 1416 Analysis an | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation | | | | | | | | | |
| ¹⁴¹⁻⁰³¹ Cole Job: 1416 | - Mod Coil Type AB Fnl Dsn-COLE | 75* | 31JAN08A | 14MAY08 | 30APR08 | -10 | 1,617 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments | | 31JAN08A 01MAY08 | 14MAY08 21MAY08 | | | 1,617 1,612 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-606 | Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads | 75* 15 | 31JAN08A | 14MAY08 | 30APR08 20MAY08 | -10 -1 | 1,617 1,612 1,609 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta | 75* 15 18 | 31JAN08A 01MA Y08 01MA Y08* | 14MAY08 21MAY08 27MAY08 | 30APR08 20MA Y08 27MA Y08 | -10 -1 0 | 1,617 1,612 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-606 1416-650 1416-651 ECN Modific | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations | 75* 15 18 | 31JAN08A 01MAY08 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 | 30APR08 20MAY08 27MAY08 27MAY08 | -10 -1 0 | 1,617 1,612 1,609 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modifie | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot | 75* 15 18 18 | 31JAN08A 01MAY08 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-801 1416-802 | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines | 75* 15 18 18 40 40 | 31JAN08A 01MAY08 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-801 1416-802 1416-803 | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab | 75* 15 18 18 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 1,587 1,587 | 50 | | |
| 141-031 Ole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modifie 1416-801 1416-802 1416-803 1416-805 | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs | 75* 15 18 18 40 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modifie 1416-802 1416-803 1416-805 1416-805 | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 | 75* 15 18 18 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-802 1416-803 1416-805 1416-806 Job: 1421 | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE | 75* 15 18 18 40 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-802 1416-803 1416-805 1416-806 Job: 1421 | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE | 75* 15 18 18 40 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-802 1416-803 1416-805 1416-806 Job: 1421 Inboard Inter | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE | 75* 15 18 18 40 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 | 50 | | |
| 141-031 Ole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-802 1416-803 1416-805 1416-806 Job: 1421 Inboard Interpretation | - Mod Coil Type AB Fnl Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE | 75* 15 18 18 40 40 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 | 50 | | |
| 141-031 Ole Job: 1416 Analysis and 1416-601 1416-650 1416-651 ECN Modified 1416-803 1416-803 1416-805 1416-805 1416-806 Job: 1421 Inboard Interest | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE erface-CC Resolve C-C shim FDR comments | 75* 15 18 18 40 40 40 40 40 20 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modifie 1416-802 1416-803 1416-805 1416-806 Job: 1421 Inboard Inter 1421-3155 | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE erface-CC Resolve C-C shim FDR comments Misc travel, meetings,reporting,job 1416&1421 | 75* 15 18 18 40 40 40 40 40 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-606 1416-650 1416-651 ECN Modifie 1416-802 1416-803 1416-805 1416-806 Job: 1421 Inboard Inter 1421-3155 INTRF-100 Job: 1901 | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE erface-CC Resolve C-C shim FDR comments | 75* 15 18 18 40 40 40 40 40 20 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 1,587 | 50 | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-606 1416-650 1416-651 ECN Modifie 1416-802 1416-803 1416-805 1416-806 Job: 1421 Inboard Inter 1421-3155 INTRF-100 Job: 1901 | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE erface-CC Resolve C-C shim FDR comments Misc travel, meetings,reporting,job 1416&1421 - Stellarator Core Mngtt&Integr-COLE | 75* 15 18 18 40 40 40 40 40 20 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 26JUN08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 1,587 1,587 | 50 LOE | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-802 1416-803 1416-805 1416-805 1416-805 INTRF-100 Job: 1901 1901-08 | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-lssue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE erface-CC Resolve C-C shim FDR comments Misc travel, meetings,reporting,job 1416&1421 - Stellarator Core Mngtt&Integr-COLE erface COre Management & Oversight WBS 191 FY08 | 75* 15 18 18 40 40 40 40 40 20 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 26JUN08 30MAY08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 1,587 | 50 LOE | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-802 1416-803 1416-805 1416-805 1416-806 Job: 1421 Inboard Inte 1421-3155 INTRF-100 Job: 1901 191 - Stellar 1901-08 | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-Issue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE erface-CC Resolve C-C shim FDR comments Misc travel, meetings,reporting,job 1416&1421 - Stellarator Core Mngtt&Integr-COLE erfact Core Management & Oversight | 75* 15 18 18 40 40 40 40 20 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 26JUN08 30MAY08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 30MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 1,587 1,587 | 50 LOE | | |
| 141-031 Cole Job: 1416 Analysis an 1416-601 1416-650 1416-651 ECN Modific 1416-802 1416-803 1416-805 1416-805 1416-806 Job: 1421 Inboard Inte 1421-3155 INTRF-100 Job: 1901 191 - Stellar 1901-08 | - Mod Coil Type AB FnI Dsn-COLE d closeout documentation Prepare EM and structural analysis of leads Resolve documentation comments Prepare cooling analysis of lead area Prepare cooling analysis coefficient for cryosta cations ECN Mods-Resize vertical port boot ECN Mods-Revise Type B cooling lines ECN Mods-lssue DXF shim files for fab ECN Mods-Add TC's at bottom of 101,102,103 dwgs ECN Mods-Revise dwg 123-151 - Mod Coil Interface Design-COLE erface-CC Resolve C-C shim FDR comments Misc travel, meetings,reporting,job 1416&1421 - Stellarator Core Mngtt&Integr-COLE erface COre Management & Oversight WBS 191 FY08 | 75* 15 18 18 40 40 40 40 20 | 31JAN08A 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 14MAY08 21MAY08 27MAY08 27MAY08 26JUN08 26JUN08 26JUN08 26JUN08 26JUN08 30MAY08 | 30APR08 20MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 27MAY08 30MAY08 | -10 -1 0 0 -22 -22 -22 -22 -22 -22 | 1,617 1,612 1,609 1,609 1,587 1,587 1,587 1,587 1,587 | 50 LOE | | |

| ID | Activity Description | Duration (work days | Forecast Start | Forecast Finish | Baseline Finish | Schedule slip to baseline (work days) | Remaining Float | % Cmplt | FY08 A MAY JU 28 5 12 19 26 2 9 |
|---|---|---|---|--|---|---|--|----------------------|-----------------------------------|
| 93 - Risk M | itigation Tasks | | | | | | | | |
| RISK-43 | Bolt preload could relax with time. | 61 | 03MAR08A | 28JUL08 | 28JUL08 | 0 | -43 | 10 | |
| RISK-749 | Does design meet GRD requirements for failure re | 61 | 25FEB08A | 28JUL08 | 28JUL08 | 0 | 445 | | |
| RISK-752 | Pucks held by Nomex felt-demonstrate feasiblity | 44 | 05MAY08* | 07JUL08 | 07JUL08 | 0 | 460 | | |
| RISK-753 | Plan to minimize no. of loose components | 50 | 25FEB08A | 11JUL08 | 11JUL08 | 0 | 456 | 50 | |
| RISK-754 | Plans for bushing removal demonstrated via mock- | 50 | 25FEB08A | 11JUL08 | 11JUL08 | 0 | 456 | 50 | |
| RISK-755 | Relax fit-up tolerances on remotely handled bush | 50 | 25FEB08A | 11JUL08 | 11JUL08 | 0 | 456 | 50 | |
| RISK-696 | consider a bringing all 3 120 degree field perio | 227 | 03MAR08A | 31MAR09 | 31MAR09 | 0 | 168 | 20L | |
| ob: 1806 | - FP Assembly specs and drawings-COLE | | | | | | | | |
| Station 3-Mo | odular Coil to VVSA Assembly | | | | | | | | |
| 1803-301 | Station 3 Assembly Specification | 211* | 02JUL07A | 06MAY08 | 30APR08 | 4 | 174 | 00 | _ |
| 1803-305 | Station 3 Assembly Drawings | 211* | | | | -4 | | | |
| | nal Field Period Assembly | 211 | 02JUL07A | 06MAY08 | 30APR08 | -4 | 174 | 90 | |
| nauon 5-rii | IN FIGURE FOR ASSERBING | | | | | | | | |
| 1803-501 | Station 5 Assembly Specification | 22* | 07MAY08* | 06JUN08 | 06JUN08 | 0 | 236 | | |
| 1803-509 | Field period Assy Dwgs | 132* | 01FEB08A | 06AUG08 | 06AUG08 | 0 | 194 | 30 | |
| .00-Final M | achine Assembly | | | | | | | | |
| 1803-601 | Station 6 Assembly Specification | 120 | 01MAY08* | 200CT08 | 02OCT08 | 40 | 200 | | |
| 1803-605 | Station 6 Assembly Drawings | 120 | 01MAY08* | 200CT08 | 02OCT08 | -12 -12 | 360 360 | | |
| 1803-613 | | 0 | - | | - | | | | - |
| 1003-013 | Detail dwgs-man access port (deleted) | U | 01MAY08 | 30APR08 | 30JAN08 | -65 | 480 | | |
| | | | | | | | | | |
| | mastings reporting foresentations continued to | 194* | 31JAN08A | 310CT08 | 31OCT08 | 0 | 1,498 | LOE | |
| | meetings,reporting,/presentations assy models | 194* | 313AN08A | 3700708 | 3700700 | O | 1,430 | LOE | |
| 1803-010 Sahlgren | | 194" | STJANOBA | 3100108 | 3100100 | Ŭ | 1,430 | LOE | |
| ahlgren | | 194* | STUANUOA | 3700708 | 3700700 | | 1,430 | LOE | |
| ahlgren | | 194" | SIJANOOA | 3700708 | 3100100 | | 1,430 | LOE | |
| ahlgren | | 81* | 01FEB08A | 23MAY08 | 30APR08 | -17 | 221 | | |
| ahlgren ob: 1702 | - Base Support Struct Design-DAHLGREN | | | | | | | | |
| ob: 1702 1702-520 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO | 81* | 01FEB08A | 23MAY08 | 30APR08 | -17 | 221 | | |
| ob: 1702 1702-520 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep | 81* | 01FEB08A | 23MAY08 23MAY08 | 30APR08 30APR08 | -17 -17 | 221 221 | | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR | 81* 5 | 01FEB08A 19MAY08 | 23MAY08 23MAY08 23MAY08 | 30APR08 30APR08 30APR08 | -17 -17 -17 | 221 221 221 | | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit | 81* 5 | 01FEB08A 19MA Y08 | 23MAY08 23MAY08 23MAY08 | 30APR08 30APR08 30APR08 | -17 -17 -17 | 221 221 221 | | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit | 81* 5 | 01FEB08A 19MA Y08 | 23MAY08 23MAY08 23MAY08 | 30APR08 30APR08 30APR08 | -17 -17 -17 | 221 221 221 | 70 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN | 81* 5 0 | 01FEB08A 19MAY08 27MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 | 30APR08 30APR08 30APR08 14MAY08 | -17 -17 -17 -17 | 221 221 221 221 | 70 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM | 81* 5 0 10 | 01FEB08A 19MA Y08 27MA Y08 | 23MAY08 23MAY08 23MAY08 09JUN08 | 30APR08 30APR08 30APR08 14MAY08 | -17 -17 -17 -17 -17 | 221 221 221 221 221 | 70 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis | 81* 5 0 10 | 01FEB08A 19MA Y08 27MA Y08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 | -17 -17 -17 -17 -10 -10 -20 | 221 221 221 221 221 211 211 232 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-533F | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design | 81* 5 0 10 270* 186* | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* | 30APR08 30APR08 30APR08 14MAY08 16JUN08 16JUN08 01MAY08* 27MAY08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-535 1501-549 1501-550 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat | 81* 5 0 10 270* 186* 0 6 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 16JUN08 01MAY08* | -17 -17 -17 -17 -10 -10 -20 | 221 221 221 221 221 211 211 232 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-535 1501-535 1501-549 1501-550 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design | 81* 5 0 10 270* 186* 0 6 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* | 30APR08 30APR08 30APR08 14MAY08 16JUN08 16JUN08 01MAY08* 27MAY08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-533 1501-535 1501-549 1501-550 Pudek ob: 1429 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design | 81* 5 0 10 270* 186* 0 6 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* | 30APR08 30APR08 30APR08 14MAY08 16JUN08 16JUN08 01MAY08* 27MAY08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-533 1501-535 1501-549 1501-550 Pudek ob: 1429 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction | 81* 5 0 10 270* 186* 0 6 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* | 30APR08 30APR08 30APR08 14MAY08 16JUN08 16JUN08 01MAY08* 27MAY08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-533 1501-535 1501-549 1501-550 Pudek ob: 1429 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design | 81* 5 0 10 270* 186* 0 6 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* | 30APR08 30APR08 30APR08 14MAY08 16JUN08 16JUN08 01MAY08* 27MAY08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-535 1501-549 1501-550 Pudek ob: 1429 Outboard In | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction | 81* 5 0 10 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 211 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-525M 1702-530 ob: 1501 1501-533 1501-535 1501-535 1501-549 1501-550 Pudek ob: 1429 Outboard In | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction | 81* 5 0 10 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 211 | 70 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-525M 1702-530 ob: 1501 1501-533 1501-535 1501-549 1501-550 Pudek ob: 1429 Outboard In 1429-3030 Illis ob: 8205 | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction G-10 Test | 81* 5 0 10 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -17 -10 -10 -20 12 | 221 221 221 221 211 211 232 223 211 | 70 75 75 | |
| Dahlgren ob: 1702 1702-520 1702-522 1702-525M 1702-525M 1702-530 ob: 1501 1501-533 1501-535 1501-549 1501-550 Pudek ob: 1429 Outboard In 1429-3030 Illis ob: 8205 Station 3-Mo | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction G-10 Test - Dimensional Control Coordin-ELLIS dular Coil to VVSA Assembly | 81* 5 0 10 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -10 -10 -20 12 0 | 221 221 221 221 211 211 232 223 211 | 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-525M 1702-530 ob: 1501 1501-533 1501-533F 1501-535 1501-549 1501-550 Oudek ob: 1429 Outboard In 1429-3030 Illis ob: 8205 Station 3-Mc | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction G-10 Test - Dimensional Control Coordin-ELLIS adular Coil to VVSA Assembly Dimensional control plans for station 3 | 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -10 -10 -20 12 0 | 221 221 221 221 211 211 232 223 211 | 70 75 75 75 | |
| Dahlgren ob: 1702 1702-520 1702-522 1702-525M 1702-525M 1702-530 ob: 1501 1501-533 1501-535 1501-549 1501-550 Pudek ob: 1429 Outboard In 1429-3030 Illis ob: 8205 Station 3-Mo | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction G-10 Test - Dimensional Control Coordin-ELLIS dular Coil to VVSA Assembly | 81* 5 0 10 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -10 -10 -20 12 0 | 221 221 221 221 211 211 232 223 211 | 70 75 75 75 | |
| ob: 1702 1702-520 1702-522 1702-525M 1702-525M 1702-530 ob: 1501 1501-533 1501-533F 1501-535 1501-549 1501-550 Oudek ob: 1429 Outboard In 1429-3030 Illis ob: 8205 Station 3-Mc | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction G-10 Test - Dimensional Control Coordin-ELLIS adular Coil to VVSA Assembly Dimensional control plans for station 3 | 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -10 -10 -20 12 0 | 221 221 221 221 211 211 232 223 211 | 70 75 75 75 | |
| ahlgren ob: 1702 1702-520 1702-522 1702-525M 1702-530 ob: 1501 1501-533 1501-533F 1501-535 1501-549 1501-550 Pudek ob: 1429 Outboard In 1429-3030 Illis ob: 8205 Station 3-Mc | - Base Support Struct Design-DAHLGREN Final design. Assy dwgs, fab dwgs, BOMs,specs/SO FDR Prep Base Support Structure FDR Resolve chits, issue dwgs for fab,lssue requisit - Coil Structures Design-DAHLGREN Detail CAD Drawings,BOM Integrated Stress Analysis Develop Interfaces with cryostat Update C.S.Support Attacgment Design Peer review C.S.Design - MC Interface R&D-DUDEK terface-Friction G-10 Test - Dimensional Control Coordin-ELLIS dular Coil to VVSA Assembly Dimensional control plans for station 3 Station 3 preparations | 270* 186* 0 6 5 | 01FEB08A 19MAY08 27MAY08 01JUN07A 01OCT07A 01MAY08* 28MAY08 | 23MAY08 23MAY08 23MAY08 09JUN08 30JUN08 30JUN08 30MAY08* 08MAY08 03JUN08 | 30APR08 30APR08 30APR08 14MAY08 16JUN08 01MAY08* 27MAY08 03JUN08 | -17 -17 -17 -10 -10 -20 12 0 | 221 221 221 221 211 211 232 223 211 1,615 | 70 75 75 67 | |

| ID | Activity Description | Duratior (work days | Forecast Start | Forecast Finish | Baseline Finish | Schedule slip to baseline (work days) | Remaining Float | % Cmplt | FY08 A MAY 28 5 12 19 26 2 |
|--|--|---|---|--|--|--|--|----------------|----------------------------|
| METFY08R | Support FPA Station 2 | 442* | 01FEB08A | 02NOV09 | 02NOV09 | 0 | 1,249 | LOE | |
| oranso | n | | | | | | <u> </u> | | |
| | - Coil Services Design-GORANSON | | | | | | | | |
| 61 - LN2 Di | istribution | | | | | | | | |
| 91-001 | Title I design WBS 161 LN2 manifolds&piping | 86* | 01FEB08A | 02JUN08 | 02JUN08 | 0 | 220 | 105 | |
| 162-201 | Layout distribution system header geometry&locat | 0 | UTEBUOA | 02JUN08 09MAY08* | 02JUN08 09MAY08* | 0 | | LOE | |
| 62-209 | | 0 | | 16MAY08* | | 0 | 245 | | |
| 162-209 | Perform thermohydraulic analyses | 0 | | | 16MAY08* | | 240 | | V |
| 162-213 | Design hose electric break fittings Route MC, TF, PF hoses | 0 | | 23MAY08* | 23MAY08* | 0 | 235 | | |
| 162-215 | | 0 | | 30MAY08* | 30MAY08* | 0 | 231 | 25 | \ |
| 191-002 | Develop SRD Coil Serv-LN2 manifolds&piping-PDR (incl SRD) | | 00 11 11 100 | 23MAY08* | 23MAY08* | 0 | 235 | | ₩. |
| | 11 0 \ , | 1 | 03JUN08 | 03JUN08 | 03JUN08 | 0 | 230 | | - |
| 162-217 | PDR | 0 | 04555000 | 03JUN08 | 03JUN08 | 0 | 230 | | |
| 161-100 | meetings/reporting/presentations | 267 | 01FEB08A | 24FEB09 | 24FEB09 | 0 | 1,425 | LOE | |
| 62 - Electri | Uai LeaUS | | | | | | | | |
| 1416-503C | Complete drawings of MC power cable connections | 95* | 01FEB08A | 13JUN08 | 31MAR08 | -53 | 288 | 50 | |
| 132-001 | Title I design WBS 162 Coil leads | 143* | 01FEB08A | 21AUG08 | 21AUG08 | 0 | 240 | LOE | |
| 161-203 | Layout MC stubs, terminations | 0 | | 09MAY08* | 09MAY08* | 0 | 312 | <i>7</i> 5 | |
| 161-205 | Determine lead gauges | 0 | | 16MAY08* | 16MAY08* | 0 | 307 | 10 | V |
| 162-100 | meetings/reporting/presentations | 201* | 01FEB08A | 12NOV08 | 12NOV08 | 0 | 1,490 | LOE | · · |
| 8205DC | - Engr Mgmt & Sys Eng Sprt-HEITZENROED document control & admin support Engr mgt & systems engr FY08 | 967* | 01FEB08A | 13DEC11 30SEP08 | 13DEC11 30SEP08 | 0 | | LOE | |
| 8205DC 8205FY08.2 | | | 01FEB08A 01FEB08A | 13DEC11 30SEP08 | 13DEC11 30SEP08 | 0 0 | 724 1,521 | _ | |
| 8205DC 8205FY08.2 (alish ob: 1361 | document control & admin support Engr mgt & systems engr FY08 | | | | | | | _ | |
| 8205DC 8205FY08.2 (alish ob: 1361 'F Title III a | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH nd Fabrication Oversight | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH | | | | | | | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 "F Title III a 131-033C "F Fabricati | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH nd Fabrication Oversight Title III engr,inspection, support | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 "F Title III a 131-033C "F Fabricati | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH nd Fabrication Oversight Title III engr,inspection, support ion Contract Fab, Test & Deliver Coil #13 | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH nd Fabrication Oversight Title III engr,inspection, support ion Contract Fab, Test & Deliver Coil #13 | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 rim Coil ** | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 "F Title III a 131-033C "F Fabricati 1361C-113 ob: 1354 "rim Coil **I | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH and Fabrication Oversight Title III engr,inspection, support fon Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** | 170° | 01FEB08A 02JAN08A 16MAY08* | 30SEP08 30OCT08 16MAY08 | 300CT08 300CT08 | 0 0 | 1,499 | LOE | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH and Fabrication Oversight Title III engr,inspection, support ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils | 170* 214* 1 | 01FEB08A 02JAN08A 16MAY08* | 30SEP08 30OCT08 16MAY08 | 300CT08 300CT08 16MAY08 | 0 0 | 1,521 1,499 531 | LOE 50 | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 Frim Coil **I | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec | 170° 214° 1 100° 7° | 01FEB08A 02JAN08A 16MAY08* 25MAR08A 01MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 | 30OCT08 16MAY08 13AUG08 25APR08 | 0 0 0 -10 | 1,499 531 331 233 | LOE 50 20 | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 Trim Coil ** TRIM-120 TRIM-160 TRIM-170 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH and Fabrication Oversight Title III engr,inspection, support con Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings | 170° 214° 1 100° 7* 39° | 01FEB08A 02JAN08A 16MAY08* 25MAR08A 01MAY08 25MAR08A | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 | 0 0 0 -10 -8 | 1,499 531 331 233 228 | LOE 50 20 | |
| 3205DC 3205FY08.2 alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 rim Coil ** ITRIM-120 FRIM-170 FRIM-170 FRIM-200 FRIM-210 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH and Fabrication Oversight Title III engr,inspection, support ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list | 170* 214* 1 100* 7* 39* 34* | 02JAN08A 16MAY08* 25MAR08A 01MAY08 25MAR08A 01APR08A | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 | 0 0 0 -10 -8 -2 | 1,499 531 331 233 228 228 | LOE 50 20 | |
| 3205DC 3205FY08.2 321ish 3205FY08.2 321ish 321-033C 321-035C 321-0 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list Prepare for FDR | 170* 214* 1 100* 7* 39* 34* 4 | 02JAN08A 16MAY08* 25MAR08A 01MAY08 01APR08A 01MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 16MAY08 06MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 02MAY08 | 0 0 0 -10 -8 -2 -2 | 1,499 531 331 233 228 228 231 | LOE 50 20 | |
| 3205DC 3205FY08.2 alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 rim Coil ** IRIM-120 IRIM-160 IRIM-170 IRIM-200 IRIM-210 IRIM-220 IRIM-220 IRIM-220 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH and Fabrication Oversight Title III engr,inspection, support ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list Prepare for FDR Trim Coil + Structure FDR | 170* 214* 1 100* 7* 39* 34* 4 1 | 02JAN08A 16MAY08* 25MAR08A 01MAY08 01APR08A 01MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 06MAY08 06MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 02MAY08 05MAY08 | 0 0 0 -10 -8 -2 -2 -1 | 1,521 1,499 531 331 233 228 228 231 231 | LOE 50 20 | |
| 3205DC 3205FY08.2 alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 rim Coil ** rRIM-120 rRIM-170 rRIM-210 rRIM-210 rRIM-220 rRIM-221 rRIM-230 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH and Fabrication Oversight Title III engr,inspection, support ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list Prepare for FDR Trim Coil + Structure FDR ** Trim Coil + Structure FDR ** | 170* 214* 1 100* 7* 39* 34* 4 1 0 | 01FEB08A 02JAN08A 16MAY08* 25MAR08A 01MAY08 25MAR08A 01APR08A 01MAY08 06MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 06MAY08 06MAY08 06MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 02MAY08 05MAY08 | 0 0 -10 -8 -2 -2 -1 -1 | 1,521 1,499 531 233 228 231 231 231 | LOE 50 20 20 | |
| 8205DC 8205FY08.2 (alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 TRIM-120 TRIM-160 TRIM-170 TRIM-200 TRIM-210 TRIM-210 TRIM-220 TRIM-221 TRIM-221 TRIM-230 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list Prepare for FDR Trim Coil + Structure FDR ** Trim Coil + Structure FDR ** Resolve Chits | 170* 214* 1 100* 7* 39* 34* 4 1 0 5 | 02JAN08A 02JAN08A 16MAY08* 25MAR08A 01MAY08 01MAY08 06MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 16MAY08 06MAY08 06MAY08 13MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 02MAY08 05MAY08 12MAY08 | 0 0 -10 -8 -2 -2 -1 -1 | 1,521 1,499 531 233 228 231 231 231 231 | LOE 50 20 20 | |
| 8205DC 8205FY08.2 (alish Ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 Ob: 1354 Frim Coil ** ITRIM-120 ITRIM-160 ITRIM-200 ITRIM-210 ITRIM-220 ITRIM-221 ITRIM-230 ITRIM-240 EFTY | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list Prepare for FDR Trim Coil + Structure FDR ** Trim Coil + Structure FDR ** Resolve Chits | 170* 214* 1 100* 7* 39* 34* 4 1 0 5 | 02JAN08A 02JAN08A 16MAY08* 25MAR08A 01MAY08 01MAY08 06MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 16MAY08 06MAY08 06MAY08 13MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 02MAY08 05MAY08 12MAY08 | 0 0 -10 -8 -2 -2 -1 -1 | 1,521 1,499 531 233 228 231 231 231 231 | LOE 50 20 20 | |
| 3205DC 3205FY08.2 alish ob: 1361 F Title III a 131-033C F Fabricati 1361C-113 ob: 1354 rim Coil *** TRIM-120 TRIM-170 TRIM-200 TRIM-210 TRIM-220 TRIM-221 TRIM-230 TRIM-240 erry ob: 8215 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list Prepare for FDR Trim Coil + Structure FDR ** Trim Coil + Structure FDR ** Trim Coil Procurement time | 170* 214* 1 100* 7* 39* 34* 4 1 0 5 | 02JAN08A 02JAN08A 16MAY08* 25MAR08A 01MAY08 01MAY08 06MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 16MAY08 06MAY08 06MAY08 13MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 02MAY08 05MAY08 12MAY08 | 0 0 -10 -8 -2 -2 -1 -1 | 1,521 1,499 531 233 228 231 231 231 231 | LOE 50 20 20 | |
| 3205DC 3205FY08.2 alish ob: 1361 F Title III a 31-033C F Fabricati 361C-113 ob: 1354 rim Coil *** rRIM-120 rRIM-170 rRIM-210 rRIM-210 rRIM-221 rRIM-220 rRIM-221 rRIM-230 rRIM-240 erry ob: 8215 | document control & admin support Engr mgt & systems engr FY08 - TF Fabrication-KALISH Ind Fabrication Oversight Title III engr,inspection, support Ion Contract Fab, Test & Deliver Coil #13 - Trim Coil Design & Procurement-KALISH Updated estimate** Modifications to allow for mid-plane coils Approve Trim Coil Procurement Spec Complete Trim Coil Detailed Drawings Assy drawings & parts list Prepare for FDR Trim Coil + Structure FDR ** Trim Coil + Structure FDR ** Trim Coil Procurement time Plant Design | 170* 214* 1 100* 7* 39* 34* 4 1 0 5 | 02JAN08A 02JAN08A 16MAY08* 25MAR08A 01MAY08 01MAY08 06MAY08 | 30SEP08 30OCT08 16MAY08 13AUG08 09MAY08 16MAY08 16MAY08 06MAY08 06MAY08 13MAY08 | 300CT08 300CT08 16MAY08 13AUG08 25APR08 06MAY08 14MAY08 02MAY08 05MAY08 12MAY08 | 0 0 -10 -8 -2 -2 -1 -1 | 1,521 1,499 531 233 228 231 231 231 231 228 | LOE 50 20 20 | |

| Activity ID | Activity Description | Duration (work days | Forecast Start | Forecast Finish | Baseline Finish | Schedule slip to baseline | Remaining Float | % Cmplt | FY08 A MAY | JUI |
|----------------|--|---------------------------|-------------------|--------------------|--------------------|---------------------------------|--------------------|------------|---------------------|-----|
| | | | | | | (work days) | | | 28 5 12 19 26 | 2 9 |
| Raftopol | | | | | | | | | 4 | |
| lob: 1701 | - Cryostat Design | | | | | | | | | |
| | | | | | | | | | 4 | |
| 1701-090 | Cryostat Configuration Peer Review | 0 | | 21MAY08* | 21MAY08* | 0 | 231 | | | |
| 1701-100 | Cryostat- Conceptual Design | 56 | 22MAY08* | 11AUG08 | 11AUG08 | 0 | 231 | | | |
| 1751-169 | Cryogenic consultant | 247 | 01MAY08* | 28APR09 | 28APR09 | 0 | 1,380 | LOE | | |
| 1751-170 | Cryostat & Cryogenic systems oversight&reporting | 418* | 01FEB08A | 29SEP09 | 29SEP09 | 0 | 1,273 | LOE | | |
| Job: 6201 | - Cryogenic Syst | | · | ' | | | | | | |
| 621 - LN2 S | Supply & LN2 coil cooling supply | | | | | | | | | |
| 20100 200 | la | | 0444414004 | 4444000 | 4444000 | | | | - | |
| 62122-300 | Conceptual Design | 71 | 01MAY08* | 11AUG08 | 11AUG08 | 0 | 325 | | - | |
| 6201-169 | Cryogenic consultant (Vic Garzotto) | 493 | 01MAY08* | 26APR10 | 26APR10 | 0 | 1,134 | LOE | <u> </u> | |
| 23 - GN2 C | ryostat Cooling System | | | | | | | | | |
| | ONO Consentat Condition Consentrated to | 74 | 0444414000 | 44444000 | 4444000 | | | | - | |
| 623-099 | GN2 Cryostat Cooling Sys Conceptual design | 71 | 01MAY08* | 11AUG08 | 11AUG08 | 0 | 231 | | | |

| 303S3-4 G 303S3-6 S 303S3-7 V 303S3-7B V 303S3-7B C 303S3-10 C 303S3-9 O 305S3-2 L 305S3-2 M | BO5- FPA Tooling/Constr-BROWN Bular Coil to VVSA Assembly Benerate laser screen trace drawings (3 periods) Butation 3 simulation detail model BV/MC clearance study (for VVSA1) BV/MC clearance study (for VVSA 2 and 3) Butation 3 deflection FEA study Butation 3 design & analysis | 15 21 29* | 28MAY08 01MAY08* | 17JUN08 | | | | | 28 5 12 19 26 2 |
|--|--|-----------------|---------------------|-------------|----------|------|-------|------------|-----------------|
| b: 1803/18 ation 3-Model 80383-4 | enerate laser screen trace drawings (3 periods) tation 3 simulation detail model V/MC clearance study (for VVSA1) V/MC clearance study (for VVSA 2 and 3) tation 3 deflection FEA study | 21 | 01MAY08* | 17JUN08 | | | | | |
| 303S3-4 G 303S3-6 S 303S3-7 V 803S3-7B V 803S3-8 S 303S3-10 C 303S3-9 O 805S3-2 L 805S3-3 M | enerate laser screen trace drawings (3 periods) tation 3 simulation detail model V/MC clearance study (for VVSA1) V/MC clearance study (for VVSA 2 and 3) tation 3 deflection FEA study | 21 | 01MAY08* | 17JUN08 | | | | | |
| 803S3-4 G 803S3-6 S 803S3-7 V 803S3-7B V 803S3-8 S 803S3-10 C 803S3-9 O 805S3-2 LL 805S3-3 M | enerate laser screen trace drawings (3 periods) tation 3 simulation detail model V/MC clearance study (for VVSA1) V/MC clearance study (for VVSA 2 and 3) tation 3 deflection FEA study | 21 | 01MAY08* | 17JUN08 | | | | | |
| 1803S3-6 S 1803S3-7 V 1803S3-7B V 1803S3-8 S 1803S3-10 C 1803S3-9 O 1805S3-2 L 1805S3-3 M | tation 3 simulation detail model V/MC clearance study (for VVSA1) V/MC clearance study (for VVSA 2 and 3) tation 3 deflection FEA study | 21 | 01MAY08* | 17JUN08 | | | | | 1 |
| 1803S3-6 S 1803S3-7 V 1803S3-7B V 1803S3-8 S 1803S3-10 C 1803S3-9 O 1805S3-2 L 1805S3-3 M | tation 3 simulation detail model V/MC clearance study (for VVSA1) V/MC clearance study (for VVSA 2 and 3) tation 3 deflection FEA study | 21 | 01MAY08* | 77007100 | 12JUN08 | -3 | 166 | | |
| 1803\$3-7 V 1803\$3-7B V 1803\$3-8 \$ 1803\$3-10 C 1803\$3-9 O 1805\$3-2 L 1805\$3-3 M | V/MC clearance study (for VVSA1) V/MC clearance study (for VVSA 2 and 3) tation 3 deflection FEA study | 29* | | 30MAY08 | 30MAY08 | 0 | 178 | | |
| 1803S3-7B V 1803S3-8 S 1803S3-10 C 1803S3-9 O 1805S3-2 L 1805S3-3 M | V/MC clearance study (for VVSA 2 and 3) tation 3 deflection FEA study | | 01APR08A | 09MAY08 | 09MAY08 | 0 | 180 | | |
| 1803S3-8 S 1803S3-10 C 1803S3-9 O 1805S3-2 L 1805S3-3 M | tation 3 deflection FEA study | | 15MAY08* | 30MAY08 | 30MAY08 | 0 | 1,606 | | |
| 1803S3-10 C 1803S3-9 O 1805S3-2 L 1805S3-3 M | | 12 | 12MAY08 | 28MAY08 | 28MAY08 | 0 | 1,000 | | |
| 1803S3-9 O 1805S3-2 L 1805S3-3 M | omplete station o design a analysis | 0 | 12IVIA 100 | 30MAY08 | 30MAY08 | 0 | 178 | | |
| 1805\$3-2 Lo | versite, cost and schedules, reviews | 171* | 31JAN08A | 30SEP08 | 30SEP08 | 0 | | | V |
| 1805S3-3 M | eft side base grout plates | 49* | | | | | 1,521 | | |
| | ICHP lift fixture frame weldment | | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| IOUEGO 1 I | | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| | ift fixture mounting bracket weldments | 49* | 24MAR08A | | 30APR08 | -21 | 173 | | |
| | eworked laser frame structure | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| | ight inboard laser frame structure | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| | eft inboard laser frame structure | 49* | 24MAR08A | | 30APR08 | -21 | 173 | | |
| | Laser screen lexan sheet (1/8 x 48" x 96") | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| | stimate for Station 2 type alignment system | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| | ardware & Misc items | 49* | 24MAR08A | | 30APR08 | -21 | 173 | | |
| | lisc assembly Cost | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| | C base support system (left / rt side) | 49* | 24MAR08A | | 30APR08 | -21 | 173 | | |
| | ilman roller - 8-0T plus R & U guides | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| | irLoc Wedgmount Precision Levelers | 49* | 24MAR08A | 30MAY08 | 04AUG08 | 45 | 173 | | |
| | ift fixture mounting bracket weldments | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| 1805S3-205 E | stimate for Station 2 type alignment system | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | 1 |
| 1805S3-206 H | ardware & Misc items | 49* | 24MAR08A | 30MAY08 | 30APR08 | -21 | 173 | | |
| 1805S3-207 M | lisc assembly Cost | 171* | 31JAN08A | 30SEP08 | 30APR08 | -106 | 1,521 | | |
| tation 5-Final | Field Period Assembly | | | | | | | | |
| 1803S5-14 C | versite, cost and schedules, reviews | 170 | 01MAY08* | 09JAN09 | 29SEP08 | -65 | 1,457 | LOF | |
| | hine Assembly | | 07777700 | 000711700 | 2002. 00 | 55 | 1,401 | LOL | |
| | , | | | , | | | | | |
| 1803S6-1 S | tage 6 FP support and roller system | 187* | 01APR08A | 02JAN09 | 25SEP08 | -62 | 341 | 25 | |
| hrzanow | ski | | | | | | | | |
| ob: 1408 - I | MC Winding Supplies-CHRZANOWSKI | | | | | | | | |
| | | | | | | | | | |
| 1408-3 M | lisc and safety supplies (\$7k/mo.) | 276* | 23MAY07A | 30JUN08 | 30JUN08 | 0 | 1,585 | LOF | |
| | rocure Strain Gages | 40* | 01APR08A | 27MAY08 | 02JUN08 | 4 | 184 | 202 | |
| | PI clean manifold contract | 276* | 23MAY07A | | 30JUN08 | 0 | 1,585 | 25 | |
| | utting hardware for flange bolts | 276* | 23MAY07A | | 30JUN08 | 0 | 1,585 | | |
| | lisc tech shop support | 276* | 23MAY07A | | 30JUN08 | 0 | 1,585 | | |
| | Mod Coil Winding-CHRZANOWSKI | 210 | ZUVIATUTA | 30001100 | 30301400 | J | 1,363 | 00 | |
| | ing Prep & Winding | | | | | | | | |
| | | | | | | | | | |
| P1-161 W | /ind coil A6 | 35* | 28MAR08A | 15MAY08 | 27MAY08 | 7 | 122 | <i>7</i> 5 | |
| P1-170 In | stl Chill Plates,Tubing,Bag A6 | 32* | 16MAY08 | 01JUL08 | 29JUL08 | 19 | 122 | | |
| tation 4-Wind | ling, Instl Chill Plates,Tubing,Bag | | | | | | | | |
| P3-170 In | estl Chill Plates,Tubing,Bag B6 | 67* | 01FEB08A | 05MAY08 | 30APR08 | -3 | 159 | 90 | |
| 3 0 | | | OH LDUOA | JOSIVIA 100 | JUAF NUO | -3 | 159 | 33 | |

| Station 5-VP | | | | | | baseline (work days) | Float | Cmplt | A MAY 28 5 12 19 26 | JUN 2 9 |
|-------------------|--|------|------------|--------------|------------|-------------------------|-------|-------|------------------------|------------|
| | | | | | | (work days) | | | 28 5 12 19 26 | 2 9 |
| P3-171V | VPI (Station 5) B6 | 19 | 06MAY08* | 02JUN08 | 30MAY08 | -1 | 159 | | | 1 |
| Station 1 Pos | , , | 19 | UOIVIA 100 | 02301108 | SUMA 106 | -1 | 159 | | | J |
| | | | | | | | | | | |
| P3-171C | Final Clamps & Warm Test (Station1) B5 | 38* | 19MAR08A | 09MAY08 | 13MA Y08 | 2 | 199 | 60 | - | |
| P2-171C | Final Clamps & Warm Test (Station1) B6 | 16 | 03JUN08 | 24JUN08 | 23JUN08 | -1 | 159 | | | |
| LOE Oversig | ght & Supervision | | | | | | | | | |
| 145YSPRV- | Winding Engineering oversight and supervision | 314* | 01MAY07A | 31JUL08 | 31JUL08 | 0 | 1,563 | LOE | | |
| | Winding Engineering oversight and supervision | 356* | 01MAY07A | | 30SEP08 | 0 | | | | |
| | Winding Engineering oversight and supervision | 185* | 01NOV07A | | 31JUL08 | 0 | 1,521 | | | |
| | | 103 | UINOVUIA | 3130100 | 31JUL08 | - 0 | 1,563 | LUE | | |
| | - Mod Coil Fabr.Punch List-CHRZANOWSKI | | | | | | | | | |
| unomot 10 | on one prize of | | | | | | | | | |
| PLTS-C5 | Grinding & Drill Holes -C5 | 22* | 01MAY08 | 02JUN08 | 18APR08 | -30 | 271 | 0 | | |
| PLTS-A5 | Grinding -A5 | 23* | 01MAY08 | 03JUN08 | 31JAN08A | -87 | 183 | 0 | | |
| PLTS-A6 | Grinding -A6 | 5 | 010CT07A | 22AUG08 | 19SEP08 | 19 | 122 | 95 | | |
| PLTS-C6 | Grinding & Drill Holes -C6 | 20 | 01MAY08 | 29MAY08 | 27FEB08 | -65 | 182 | | | |
| PLTS-GRIN | Coil to coil fitup modifications (grinding/cp) | 165* | 01DEC07A | 31JUL08 | 31JUL08 | 0 | 1,563 | LOE | | |
| Punchlist- C | coil Technicians | | | | | | | | | |
| PLCT-A1 | Incul massure TC, other punch list-A1 | 228* | 014110074 | 20 11 11/100 | 201/01/074 | 1.12 | 4 505 | 77 | | |
| PLCT-A1 | Insul measure TC, other punch list-A1 | | 01AUG07A | | 30NOV07A | -143 | 1,585 | | | |
| | Insul,measure,TC, other punch list-A2 | 228* | 01AUG07A | | 30NOV07A | -143 | 1,585 | | | |
| | Insul,measure,TC, other punch list-B1 | 228* | 01AUG07A | | 30NOV07A | -143 | 1,585 | | | |
| PLCT-C1 | Insul,measure,TC, other punch list-C1 | 228* | 01AUG07A | | 30NOV07A | -143 | 1,585 | | | |
| PLCT-B2 | Insul,measure,TC other punch list-B2 | 205* | 04SEP07A | 30JUN08 | 08JAN08A | -123 | 1,585 | | _ | |
| PLCT-C2 | Insul,measure,TC, other punch list-C2 | 248* | 03JUL07A | 30JUN08 | 21DEC07A | -128 | | 73 | , i | |
| PLCT-A3 | Insul,measure,TC, other punch list-A3 | 247* | 05JUL07A | 30JUN08 | 14FEB08 | -96 | 132 | | | |
| PLCT-A4 | Insul,measure,TC, other punch list-A4 | 246* | 06JUL07A | 30JUN08 | 05MAR08 | -82 | 132 | | | |
| | Insul,measure,TC, other punch list-B3 | 186* | 010CT07A | 30JUN08 | 20MAR08 | -71 | | 67 | | |
| | Insul,measure,TC, other punch list-C3 | | 010CT07A | | 07APR08 | -59 | 105 | | | |
| | Insul,measure,TC, other punch list-B4 | 186* | 010CT07A | | 21APR08 | -49 | 124 | | | |
| | Insul,measure,TC, other punch list-C4 | 233* | 25JUL07A | 30JUN08 | 02MAY08 | -40 | 210 | 76 | | |
| | Insul,measure,TC, other punch list-A5 | 14 | 30JUL07A | 11JUN08 | 12MAY08 | -21 | 183 | 63 | | |
| PLCT-A6 | Insul,measure,TC,SG other punch list-A6 | 14 | 010CT07A | | 09OCT08 | 19 | 122 | 36 | | |
| PLCT-B5 | Insul,measure,TC, other punch list-B5 | 14 | 010CT07A | 30JUN08 | 29OCT08 | 85 | 183 | 36 | | |
| PLCT-C5 | Insul,measure,TC, other punch list-C5 | 18 | 010CT07A | | 06NOV08 | 127 | 219 | 73 | | |
| PLCT-B6 | Insul,measure,TC,SG other punch list-B6 | 14 | 010CT07A | | 21JUL08 | -1 | 159 | 36 | | |
| | Insul,measure,TC,SG other punch list-C6 | 14 | 010CT07A | 18JUN08 | 18MAR08 | -65 | 182 | 59 | | |
| PLCT-CRAN | Crane support | 207* | 01DEC07A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | | |
| Cole Job: 1260 | NB Transition Ducts- COLE | | | | | | | | | |
| 1260-191 | Peer Review to Establish Requirements | 20 | 27MAY08* | 23JUN08 | 23JUN08 | 0 | 328 | | | |
| Dudek | | | | | | | | | | |
| Job: 1431 | - Mod. Coil Interface Hardware-DUDEK | | | | | | | | | |
| Pucks | | | | | | | | | | |
| 1420-3110 | PPPL cut and grind to thickness | 290* | 04FEB08A | 31MAP00 | 31MA D00 | | 10 | 11 | | |
| | | 290 | U4FEBU8A | 31MAR09 | 31MAR09 | 0 | 16 | 11 | | |
| 1429-3066 | Outboard Shims | 135 | 03MAR08A | 03SEP08 | 03SEP08 | 0 | 79 | 27 | | |
| heet 6 c | of 10 13MAY08 14:22 084S | | NCSX Proj | <u> </u> | SORTI | D BY RLM AN | | | Ц | _ |

| Activity ID | Activity Description | Duration (work days | Forecast Start | Forecast Finish | Baseline Finish | Schedule slip to baseline (work days) | Remaining Float | % Cmplt | FY08 A MAY 28 5 12 19 26 2 |
|----------------|--|---------------------------|-------------------|--------------------|--------------------|--|--------------------|------------|------------------------------|
| Shims-Inboa | ard | | | | | (iio.ii aayo) | | | 10,0,12,10,120,1 |
| 1429-3062X | Inboard Shims | 208* | 03MAR08A | 02JAN09 | 02JAN09 | 0 | 73 | 17 | |
| Studs,Wash | | | 00//// 1/ 100/ 1 | 0207 11 100 | 020711100 | | 73 | " | |
| , | | | | | | | | , | |
| 1421-3070 | Order studs & washers for c-c joint | 15 | 12MAY08* | 02JUN08 | 02JUN08 | 0 | 534 | | |
| 1421-3072 | Deliver studs & washers for c-c joint | 40 | 03JUN08 | 29JUL08 | 29JUL08 | 0 | 534 | | _ |
| 1421-3073 | Deliver supernuts for c-c joint | 40 | 03JUN08* | 29JUL08 | 29JUL08 | 0 | 547 | | = |
| Misc Tech S | Shop Support | | | | | | | | |
| 1421-4000 | Misc Tech Shop support through sta 2 (1/2 mm/mo. | 499* | 010CT07A | 30SEP09 | 30SEP09 | 0 | 1 272 | LOE | |
| erry | 3 (| | 010010111 | 00027 00 | 00027 00 | | 1,212 | LOL | |
| | - TC Prep & Mach Assy Planning-PERRY | | | | | | | | - |
| | ts Required for NCSX (non-MIE cost) | | | | | | | | |
| | . , | | | | | | | | |
| GPP-01 | CS Crane | 0 | | 30MAY08* | 30MAY08* | 0 | 470 | | V |
| | | | | | | | | | |
| 714.020 | LOE Prior to assy starting | 583* | 010CT07A | 25JAN10 | 25JAN10 | 0 | 1 221 | LOE | |
| Stratton | January Control of the Control of th | | 010010111 | 2007 11 770 | 2007 11110 | | 1,221 | | |
| | - Magnetic Diagnostics-STRATTON | | | | | | | | |
| Rogowski C | | | | | | | | | |
| | | | | | | | | | |
| 3101-352 | Assy & detail dgws | 71* | 01FEB08A | 09MAY08 | 03APR08 | -26 | 404 | | |
| 3101-353 | Prep installation procedure | 31 | 12MAY08 | 24JUN08 | 16MA Y08 | -26 | 404 | | |
| 3101-370 | Check elect characteristics of cables | 30 | 09MAY08* | 20JUN08 | 23APR10 | 456 | 1,591 | | |
| 3101-351 | Wind coils | 44* | 31MAR08A | 30MAY08 | 16APR08 | -31 | 421 | 66 | |
| 3101-357 | Fab coil clamps & ends | 12* | 15MAY08* | 02JUN08 | 02JUN08 | 0 | 420 | | |
| 3101-359 | Install Rogowski coils support (in job 1815) | 63* | 02APR08A | 30JUN08 | 30APR08 | -42 | 499 | 20 | |
| 3101-360 | Title III support | 165* | 09MAY08* | 12JAN09 | 19MAR10 | 296 | 1,456 | LOE | 7 |
| ΓF and PF C | Co-wound Loops | | | | | | | ' | |
| 3101-425 | Design Protective haves for DE | 227* | 01NOV07A | 30SEP08 | 04 4 0 0 0 0 | -127 | 4 404 | 05 | |
| 3101-425 | Design Protective boxes for PF Purchase SS Sheet | | | | 01APR08 | | 1,431 | | |
| | | 220* | 12NOV07A | 30SEP08 | 18JUN08 | -72 | 255 | 80 | - |
| 3101-452 | Form Protective boxes | 220* | 12NOV07A | | 23JUN08 | -69 | | 80 | |
| 3101-454 | Weld end plates of PF protective boxes | 221* | 09NOV07A | | 30JUN08 | -64 | | 80 | - |
| 3101-427 | Purchase Heat Shrink tubing | 220* | 12NOV07A | | 19MAY08 | -93 | 1,431 | | |
| 3101-428 | Purchase add'l CoAxial cable | 46 | 01MAY08* | 07JUL08 | 07JUL08 | 0 | 315 | | |
| 3101-458 | Fab PF & solenoid co-wound loops | 186 | 02JUL07A | 10NOV08 | 15AUG08 | -60 | 1,431 | 50 | |
| i/C and Hea | ater Tape Leads | | | | | | | | |
| 1204-141 | Drawings Signed T/C and Heater Tape Leads | 0 | | 01MAY08* | 01MAY08* | 0 | 278 | | |
| 1204-144 | Check elect characteristics T/C & heater port 12 | 31* | 02MAY08 | 16JUN08 | 04AUG08 | 34 | 324 | | |
| 1204-147 | Field/Fab support (title III) T/C&Heater Tape | 65 | 02MAY08 | 04AUG08 | 04AUG08 | 0 | 1,561 | LOE | |
| /oltage Loo | ps & Protective Boxes | | | | | | | | |
| | | | | | | | | | |
| 3101-806 | Check elect characteristics of coax | 20 | 16MAY08* | 13JUN08 | 13JUN08 | 0 | - | LOE | |
| 3101-807 | Check elect characteristics ex-vessel flux loops | 32* | 01MAY08 | 16JUN08 | 30OCT08 | 96 | 1,595 | LOE | |
| ob: 3901 | - Diagnostics sys Integration-STRATTON | | | | | | | | |
| | | | | | | | | | |
| 390-04 | LOE Support FY08 | 249* | 010CT07A | 29SEP08 | 29SEP08 | 0 | 1,522 | LOE | |
| | | • | | | | | | • | . 4 |
| | | | | | | | | | |

| Activity ID | Activity Description | Duration (work days | Forecast Start | Forecast Finish | Baseline Finish | Schedule slip to baseline (work days) | Remaining Float | % Cmplt | FY08 A MAY JI 28 5 12 19 26 2 5 |
|---|--|--|---|--|--|---|--|--------------------------|-----------------------------------|
| /iola | | | | | | | | | |
| | - FP Assy Oversight&Support-VIOLA | | | | | | | | |
| Oversight a | nd Supervision | | | | | | | | |
| 1802ORNL0 | ORNL Title III field period assy station 2 | 441* | 04FEB08A | 02NOV09 | 02NOV09 | 0 | 0 | LOE | |
| R1802-003 | Metrology Engr Super FY08 | 250* | 010CT07A | 30SEP08 | 30SEP08 | 0 | 1,521 | | |
| R1802-007 | FPA Management FY08 | 250* | 010CT07A | 30SEP08 | 30SEP08 | 0 | 1,521 | | |
| R1802-009 | PU Title III support | 630* | 04FEB08A | 10AUG10 | 10AUG10 | 0 | - | LOE | |
| R1802-010 | Drexel co-op student support | 630* | 04FEB08A | 10AUG10 | 10AUG10 | 0 | | LOE | |
| R1802-015 | HP Coverage in the TFTR TC LOE FY08 | 250* | 01OCT07A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| 1802MISC | Misc materials,tools, GSA vehicle,rigging | 615* | 01FEB08A | 19JUL10 | 19JUL10 | 0 | 1,076 | | |
| 8203FY08.2 | Title III Design support FY08 PPPL | 170* | 01FEB08A | 30SEP08 | 30SEP08 | 0 | 1,521 | | |
| Station 3 pr | ocedures,JHA,ACC,Training,Prep | | | | | | ,,,, | | |
| | | | | ı | | | | | |
| | Procedures written & approved | 23* | 14APR08A | 14MAY08 | 14MAY08 | 0 | 168 | | |
| R1802-309 | JHA completed | 6 | 15MAY08 | 22MAY08 | 22MAY08 | 0 | 168 | | |
| | Training needs identified & released | 6 | 23MAY08 | 02JUN08 | 02JUN08 | 0 | 168 | | |
| | ACC review completed | 6 | 03JUN08 | 10JUN08 | 10JUN08 | 0 | 168 | | |
| | - Field Period AssyStation 1,2,3 VIOLA | | | | | | | | |
| General Ass | sy Support | | | | | | | | |
| R1810-003 | LOE Crane support, fixture setupfor FY08 | 250* | 010CT07A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | |
| R1810-025 | Crane & Rigging inspections | 625* | 01FEB08A | 02AUG10 | 02AUG10 | 0 | 1,066 | | |
| R1810-035 | Welding qualifications | 625* | 31JAN08A | 30JUL10 | 30JUL10 | 0 | 1,067 | | |
| R1810-007 | LOE Field Supervision for FY08 | 250* | 01OCT07A | 30SEP08 | 30SEP08 | 0 | 1,521 | | |
| R1810-2001 | Misc Hardware and hardware rework (1/2 fte loe) | 615* | 01FEB08A | 19JUL10 | 19JUL10 | 0 | 1,076 | | |
| S21-4.02 | Perform routine metrology set-up and checks (loe | 526* | 01FEB08A | 12MAR10 | 12MAR10 | 0 | 1,165 | | |
| | / Prep (hard surface components) FP#1 | | ON EBOOK | 12111111111 | 12.00.0110 | ٥ | 1,100 | LOL | |
| | . , | | , | | | | | | |
| R1810-1110 | Install Final Internal&Ext monuments & meas | 4 | 02MAY08A | 07MAY08 | 07MAY08 | 0 | 278 | | |
| | | | | 05JUN08 | 07MAY08 | 20 | 258 | | |
| | Install heater tape on all removable ports | 25 | 01MAY08 | USJUNUO | | -20 | 230 | | |
| R1810-1114 | Install heater tape on all removable ports Design & Build heater& thermo termination box | 25 41 | 01MAY08 01MAY08* | 27JUN08 | 01MAY08 | -20 -40 | 1,586 | | |
| R1810-1114 R1810-1100 | | | | | | | | | |
| R1810-1114 R1810-1100 Station 1- V | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 | 41 | 01MAY08* | 27JUN08 | 01MAY08 | -40 | 1,586 | | |
| R1810-1114 R1810-1100 Station 1- V R1810-1208 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) | | | | | | | | |
| R1810-1114 R1810-1100 Station 1- V R1810-1208 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 | 41 | 01MAY08* | 27JUN08 | 01MAY08 | -40 | 1,586 | | |
| R1810-1114 R1810-1100 Station 1- V R1810-1208 Station 1- V | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) | 41 | 01MAY08* | 27JUN08 | 01MAY08 | -40 | 1,586 | | |
| R1810-1114 R1810-1100 Station 1- V R1810-1208 Station 1- V | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 | 32 | 01MAY08* 01MAY08 | 27JUN08 16JUN08 | 01MAY08 30MAY08 | -40 | 1,586 329 | | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification | 32 | 01MAY08* 01MAY08 30APR08A | 27JUN08 16JUN08 27MAY08 | 30MAY08 29OCT08 | -40 -11 109 | 1,586 329 404 | 50 | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware | 32 19* | 01MAY08* 01MAY08 30APR08A 01MAY08 | 27JUN08 16JUN08 27MAY08 28OCT09 | 30MAY08 29OCT08 | -40 -11 109 | 1,586 329 404 1,252 | 50 LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2036 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper | 32 19* 375* 454* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08 | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 | 30MAY08 30MAY08 29OCT08 28OCT09 02MAR10 | -40 -11 109 0 0 | 1,586 329 404 1,252 1,173 | 50 LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2036 R1810-2080 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker | 32 19* 375* 454* 19* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08 01MAY08* | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 | 29OCT08 28OCT09 02MAR10 28MAY08 | -40 -11 109 0 0 | 1,586 329 404 1,252 1,173 1,608 | 50 LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2036 R1810-2080 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets | 32 19* 375* 454* 19* 355* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08 01MAY08* 01MAY08* | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 | 29OCT08 28OCT09 02MAR10 28MAY08 30SEP09 | -40 -11 109 0 0 0 | 1,586 329 404 1,252 1,173 1,608 1,272 | 50 LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2036 R1810-2080 R1810-2081 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets | 375* 454* 19* 355* 355* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 | 29OCT08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 | -40 -11 109 0 0 0 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 | LOE LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2036 R1810-2081 R1810-2081 R1810-2082 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets Replacement photogrammetry targets | 375* 454* 19* 355* 355* 355* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* 01MAY08* | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 | 29OCT08 29OCT09 02MAR10 28MAY08 30SEP09 30SEP09 | -40 -11 109 0 0 0 0 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 | 50 LOE LOE LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2080 R1810-2081 R1810-2082 R1810-2083 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets Replacement photogrammetry targets Design and purchase 3 additional wedge supports | 32 19* 375* 454* 19* 355* 355* 355* 44* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08A | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 | 29OCT08 29OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 | -40 -11 109 0 0 0 0 0 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 1,605 | LOE LOE LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2080 R1810-2081 R1810-2083 R1810-2083 R1810-2083 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets Replacement photogrammetry targets Design and purchase 3 additional wedge supports Rework wedges f/combined assemblies& coil handli | 375* 454* 19* 355* 355* 44* 106* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY080* | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 30SEP08 | 29OCT08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 16JUN08 | -40 -11 109 0 0 0 0 0 0 0 -74 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 1,605 1,521 | LOE LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2080 R1810-2081 R1810-2082 R1810-2083 R1810-2084 R1810-2084 R1810-2084 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets Replacement photogrammetry targets Design and purchase 3 additional wedge supports Rework wedges f/combined assemblies& coil handli Setup up satellite shop in Mock-up area | 375* 454* 19* 355* 355* 355* 44* 106* 43* | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08A 01MAY08A | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 30SEP08 30MAY08 | 29OCT08 29OCT08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 16JUN08 22MAY08 | -40 -11 109 0 0 0 0 0 0 -74 -5 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 1,605 1,521 1,606 | LOE LOE LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2080 R1810-2081 R1810-2083 R1810-2084 R1810-2084 R1810-2024 R1810-2026 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets Replacement photogrammetry targets Design and purchase 3 additional wedge supports Rework wedges f/combined assemblies& coil handli Setup up satellite shop in Mock-up area Coordinate measuring machine | 32 19* 375* 454* 19* 355* 355* 355* 44* 106* 43* 21 | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08 01MAY08 01MAY08 01MAY08 01MAY08 | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 30SEP08 30MAY08 | 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 16JUN08 22MAY08 30MAY08 | -40 -11 109 0 0 0 0 0 0 -74 -5 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 1,605 1,521 1,606 | LOE LOE LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2082 R1810-2083 R1810-2084 R1810-2024 R1810-2026 R1810-2026 R1810-2087 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets Replacement photogrammetry targets Design and purchase 3 additional wedge supports Rework wedges f/combined assemblies& coil handli Setup up satellite shop in Mock-up area Coordinate measuring machine HEPA machine tool exhaust system | 375* 454* 19* 355* 355* 44* 106* 43* 21 | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08 01APR08A 01APR08A 01MAY08* | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 30SEP08 30MAY08 30MAY08 | 30MAY08 29OCT08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 16JUN08 22MAY08 30MAY08 30MAY08 | -40 -11 109 0 0 0 0 0 -74 -5 0 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 1,605 1,521 1,606 1,606 | LOE LOE LOE LOE | |
| R1810-1114 R1810-1100 Station 1- V' R1810-1208 Station 1- V' R1810-1310 Setup R1810-2034 R1810-2080 R1810-2081 R1810-2082 R1810-2084 R1810-2084 R1810-2084 R1810-2084 R1810-2084 R1810-2088 R1810-2088 R1810-2088 | Design & Build heater& thermo termination box V Prep (hrd surf cmpntsFP#2 Perform final acceptance testing (H/C flow test) V Prep (hrd surf cmpntsFP#3 Heater and thermo termination & verification Misc Tool and Hardware Fuji Paper 3rd laser tracker Removable photogrammetry targets Fixed photogrammetry targets Replacement photogrammetry targets Design and purchase 3 additional wedge supports Rework wedges f/combined assemblies& coil handli Setup up satellite shop in Mock-up area Coordinate measuring machine | 32 19* 375* 454* 19* 355* 355* 355* 44* 106* 43* 21 | 01MAY08* 01MAY08 30APR08A 01MAY08 01MAY08* 01MAY08* 01MAY08* 01MAY08* 01MAY08 01MAY08 01MAY08 01MAY08 01MAY08 | 27JUN08 16JUN08 27MAY08 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 30SEP08 30MAY08 | 28OCT09 02MAR10 28MAY08 30SEP09 30SEP09 02JUN08 16JUN08 22MAY08 30MAY08 | -40 -11 109 0 0 0 0 0 0 -74 -5 | 1,586 329 404 1,252 1,173 1,608 1,272 1,272 1,605 1,521 1,606 | LOE LOE LOE LOE LOE | |

| Activity ID | Activity Description | Duration (work days | Forecast Start | Forecast Finish | Baseline Finish | Schedule slip to baseline (work days) | Remaining Float | % Cmplt | FY08 A MAY 28 5 12 19 26 ; |
|--------------------------|--|---------------------------|-------------------|--------------------|--------------------|--|--------------------|------------|------------------------------|
| R1810-2090 | Consulting services nose welding (Parsells) | 644 | 01MAY08* | 30NOV10 | 26AUG10 | -65 | 983 | LOE | |
| S20-4.02 | Perform metrology set-up;purchase 6 pillars | 21 | 01MAY08* | 30MAY08 | 30MA Y08 | 0 | 1,606 | | |
| | ng and fitup checks | | | | | | | | |
| Pre measure S22-3.02 | ement of MCHP A2,B2,C2 flanges Compress shims sort by thickness | 50 | 01MAY08 | 11JUL08 | 10JUL08 | -1 | 00 | | |
| | S subassy A1B1C1 | 30 | UTIVIA 106 | 1 IJULU6 | 10JUL06 | -1 | 90 | | 1 |
| AB-C MC As | • | | | | | | | | |
| 2-1-7.05 | Mark nose shim locations & puck locations. | 1 | 05MAY08* | 05MAY08 | 12MAY08 | 5 | 60 | | I • |
| 2-1-7.06 | Place initial set shims (4-8) on Type-B | 0 | 06MAY08 | 05MAY08 | 12MAY08 | 5 | 60 | | |
| 2-1-7.08 | Lower mating "C" coil into position. | 1 | 06MAY08 | 06MAY08 | 13MAY08 | 5 | 60 | | [• |
| 2-1-7.081 | Perform alignment "C" coil tooling balls | 1 | 07MAY08 | 07MAY08 | 14MAY08 | 5 | 60 | |] • |
| 2-1-7.09 | Install jack screws & dial indicators | 1 | 08MAY08 | 08MAY08 | 15MA Y08 | 5 | 60 | | |
| 2-1-7.10 | Position coil within ±.002" | 1 | 09MAY08 | 09MAY08 | 16MAY08 | 5 | 60 | | |
| 2-1-7.11 | Install shims studs, & "wiggle" | 1 | 12MAY08 | 12MAY08 | 19MAY08 | 5 | 60 | | |
| 2-1-7.12 | Torque50% of final value. | 1 | 12MAY08 | 12MAY08 | 19MAY08 | 5 | 60 | | |
| 2-1-7.13 | Measure position of all monuments | 2 | 09MAY08 | 12MAY08 | 19MAY08 | 5 | 60 | | |
| 2-1-7.14 | Measure shim puck height | 1 | 12MAY08 | 12MAY08 | 19MAY08 | 5 | 60 | | _ |
| 2-1-7.15 | remove puck locating rings & install all nose s | 3 | 13MAY08 | 15MAY08 | 22MA Y08 | 5 | 60 | | |
| 2-1-7.16 | "Lightly" tack weld nose flex shims | 1 | 16MAY08 | 16MAY08 | 23MA Y08 | 5 | 60 | | |
| 2-1-7.17 | remove "C" coil & place it on a separate fixtur | 1 | 19MAY08 | 19MAY08 | 27MAY08 | 5 | 60 | | |
| 2-1-7.18 | Recheck part alignment & weld all Type-B flex s | 3 | 20MAY08 | 22MAY08 | 30MAY08 | 5 | 60 | | |
| 2-1-7.19 | After welding "B" coil nose shims recheck align | 1 | 23MAY08 | 23MAY08 | 02JUN08 | 5 | 60 | | |
| 2-1-7.20 | Back office assessment of part after weld | 2 | 27MAY08 | 28MAY08 | 04JUN08 | 5 | 60 | | |
| 2-1-7.21 | Measure "C" fiducials | 1 | 27MAY08 | 27MAY08 | 03JUN08 | 5 | 61 | | , i |
| 2-1-7.22 | Weld all Type-C (A-flange) flex shims plasma sid | 2 | 29MAY08 | 30MAY08 | 06JUN08 | 5 | 60 | | |
| 2-1-7.23 | After welding determine metrology acceptance | 1 | 02JUN08 | 02JUN08 | 09JUN08 | 5 | 60 | | <u> </u> |
| 2-1-7.24 | Back office assessment | 2 | 03JUN08 | 02JUN08 | 11JUN08 | 5 | 60 | | , |
| 2-1-7.25 | Remove shims for alignment mating coil | 0 | 03JUN08 | | - | 5 | | | |
| 2-1-7.25 | Place unfilled shim bags in wing areas | 1 | | 02JUN08 | 09JUN08 | | 62 | | |
| | S subassy A2B2C2 | • | 03JUN08 | 03JUN08 | 10JUN08 | 5 | 62 | | |
| A-B MC Ass | | | | | | | | | |
| 2-2-6.15 | Recheck part alignment of "A" coil | 2 | 01MAY08 | 02MAY08 | 07MAY08 | 3 | 94 | | - |
| 2-2-6.151 | Weld all Type-A flex shims plasma side | 2 | 19MAY08* | 20MAY08 | 09MAY08 | -7 | 84 | | - [|
| 2-2-6.16 | recheck alignment | 1 | 21MAY08 | 21MAY08 | 12MAY08 | -7 | 84 | | • [|
| 2-2-6.17 | Back office assessment of part after weld | 2 | 22MAY08 | 23MAY08 | 14MA Y08 | -7 | 84 | | - [|
| 2-2-6.18 | Measure "B" fiducials estab coord sys | 1 | 22MAY08 | 22MAY08 | 13MAY08 | -7 | 85 | | • [|
| 2-2-6.19 | Weld all Type-B (A-flange) flex shims plasma sid | 2 | 27MAY08 | 28MAY08 | 16MAY08 | -7 | 84 | | - |
| 2-2-6.20 | Recheck part metrology acceptance criterion. | 1 | 29MAY08 | 29MAY08 | 19MAY08 | -7 | 84 | | • [|
| 2-2-6.21 | Back office assessment of part after weld | 2 | 30MAY08 | 02JUN08 | 21MAY08 | -7 | 84 | | |
| 2-2-6.22 | Remove shims as necessary | 0 | 30MAY08 | 29MAY08 | 19MAY08 | -7 | 85 | | |
| 2-2-6.04 | Place unfilled shim bags in wing areas | 1 | 30MAY08 | 30MAY08 | 20MAY08 | -7 | 85 | | • 1 |
| 2-2-6.23 | Lower mating "B" coil into position. | 1 | 03JUN08 | 03JUN08 | 22MAY08 | -7 | 84 | | • " |
| | tup/Preparations/General | | | 1 | | | 04 | | |
| Misc Prep a | | | | | | | | | |
| R1810-3112 | Load Test 3 legged actuator lift fixtur | 8 | 03JUN08* | 12JUN08 | 12JUN08 | 0 | 169 | | |
| R1810-3113 | Procure wire rope slings & 6 17ton shackles | 8 | 03JUN08* | 12JUN08 | 12JUN08 | 0 | 169 | | |
| R1810-3109 | Remove winding stations & enclosures | 20 | 12MAY08* | 09JUN08 | 09JUN08 | 0 | 169 | | |
| R1810-3107 | Test out station 3 equipment and procedures | 30 | 01MAY08* | 12JUN08 | 02JUN08 | -8 | 169 | | |
| | semble Mod Coils and VVSA-FP#1 | | | | | | | | |
| Set-up and 3-1-1.01 | Prep transfer CAD models | 7 | 10M/MV00* | 201411/00 | 2014 4 1/00 | | 400 | | |
| | | | 19MAY08* | 28MAY08 | 28MA Y08 | 0 | 180 | | |
| 3-1-1.03 | Install floor mounted tracks and the VV base sup | 5 | 02JUN08 | 06JUN08 | 07MA Y08 | -21 | 173 | | |

| Activity | Activity | Duration | Forecast | Forecast | Baseline | Schedule | Remaining | % | | FY0 | 8 |
|---------------|--|---------------|----------|----------|----------|------------------------------------|-----------|-------|-----------|-----|----|
| ID | Description | (work days | Start | Finish | Finish | slip to baseline (work days) | Float | Cmplt | A 28 5 | MAY | JU |
| l von | Halle | | | | | | | | | | |
| Ramakri | shnan | | | | | | | | | | |
| | - DC Systems-RAMAKRISHNAN | | | | | | | | | | |
| 431 - C-Site | DC Systems | | | | | | | | 4 | | |
| 431-240 | Simulate each of 6 pwr loops in PSCAD | 467* | 01APR08A | 17FEB10 | 17FEB10 | 0 | 234 | 20 | ╙ | U | |
| 431-250 | · · · | | | | | _ | _ | _ | - | | |
| | c-site dc sys DGS dsn documentation | | 01APR08A | 16FEB10 | 16FEB10 | 0 | | 20 | | | |
| 431-261 | Redo power loop design | 355 | 01MAY08* | 30SEP09 | 30SEP09 | 0 | 324 | | | i | _ |
| 431-275A | Power cabling & Installation FY08 | 85* | 02JUN08* | 30SEP08 | 30SEP08 | 0 | 486 | | | | |
| 431-276 | Maint of C-site rectifiers | 997* | 010CT07A | 30SEP11 | 30SEP11 | 0 | 774 | LOE | | , | |
| Job: 4401 | - Control & Protection-RAMAKRISHNAN | | | | | | | | | | |
| 441 - Electri | ical Interlocks | | | | | | | | | | |
| [| T-1 | | | T | T | | | | 4 | | |
| 441-100 | PLC Specification | 160 | 01MAY08* | 17DEC08 | 17DEC08 | 0 | 314 | | | | |
| 445 - Coil P | rotection Systems | | | | | | | | | | |
| 445-2-110 | Overload Protect-Design | 351* | 01APR08A | 24AUG09 | 24AUG09 | 0 | 337 | 20 | ▙ | U | |
| Sichta | | | | | | | | | | | |
| Job: 5801 | - Central I&C Integr& Oversight-SICHTA | | | | | | | | 1 | | |
| | Ţ Ţ | | | | | | | | | | |
| R58-20 | WDS59 EV09 Management 9 Integration LOF | 250* | 04007074 | 20055000 | 2005000 | | 4 504 | .05 | <u>L</u> | | |
| K36-20 | WBS58 -FY08 Management & Integration LOE | 250° | 010CT07A | 30SEP08 | 30SEP08 | 0 | 1,521 | LOE | | | |

Weekly Meeting Actions Tracking Log Open Action Items

| Meeting | | | | Date of | |
|-----------|------------------------|--|--------------------|-------------|--|
| Date | Job | Action | Responsibilty | Status | Status |
| | | | | | |
| 5/14/2008 | | | | | |
| | 8204 | Add itemsbeing work on, but not currently budgeted to WAF - adjust ETC | Brooks | 5/14/2008 | |
| | 8203 | Provide greater ganularity of work that is being performed | Brown | 5/14/2008 | |
| | 1260 | Provide interim milestone leading to June 23rd peer review | Cole | 5/14/2008 | |
| | | Contact Site Protection to involve them in this job | Neilson | | |
| | 1601-161 | Ensure that SRD issued for review prior to Paul going on vacation | Goranson | 5/14/2008 | Acceptable to issue incomplete |
| | | Set up PDR date and review team | Heitzenroeder | | |
| | 1601-162 | Resolve designer support of electrical leads | Cole | 5/14/2008 | |
| | 1901 | Identify additional Risk Mitigation tasks needed | Cole/Heitzenroeder | 5/14/2008 | |
| | 1810 | DOE provide schedule for reviewing Station 3 lift procedures | Makiel | 5/14/2008 | |
| 5/7/2008 | | | | | |
| | 8101 | Provide list of pending GRD changes | Neilson/Simmons | 5/14/2008 | Markup GRD with pending changes to ensure don't lose track |
| | 1702 | Setup meeting to determine how leads will be routed out of Cryostat | Heitzenroeder | | Working options thru Tom B. & Paul G. => expect to have better picture next week. |
| | | | | | |
| | | | | | |
| 4/40/0000 | | | | | |
| 4/18/2008 | | Define well-fewered fewered being a second in a second between | 0 | E /4 4/0000 | Wash with Barrer to define a second of BOD and defined |
| | 1260 | Define path forward for enclosing pyrogel in nomex bats | Goranson | | Work with Benson to define scope of R&D needed and procredures. Provide plan and document in a WAF. |
| 4/11/2008 | | | | | |
| 4/11/2006 | 1806 | Station 3 drawings and CSPEC | Harris/Cole | E/14/2009 | Forecast is now May23rd |
| | 1000 | Station 3 drawings and C3F EC | Tiams/Cole | 3/14/2008 | Totecast is now may25rd |
| | | | | | |
| | | | | · | |
| 4/4/2008 | | | | | |
| | 1501/1551 1702/1752 | SRDs for both Coil Support Structure and Base Support Structure | Dahlgren | | Both Base Support Structure and Coil Support Structures SRDs have been updated and are in signature cycle again. |
| | | | | | |
| | | | | | |

Date: 5/14/2008 1

Weekly Meeting Actions Tracking Log Open Action Items

| 3/19/2008 | | | | |
|-----------|------|--------------------------|-------------|---|
| | 1355 | Need progress milestones | Cole 5/14/2 | 008 Work at ORNL has just begun => will Identify progress |
| | | | | milestones within a month |

Date: 5/14/2008 2