

Meeting Notes

	Respon.	Status Date	Item	Status / Notes	Date Assigned	Due Date	Status	Date Closed	1
▼ Ali Z									
	Ali Z		<ul style="list-style-type: none"> Woolley to provide memo to Aliz on applying OH Coil forces to Flags 						
▼ Chrzanowski									
	Chrzanowski	Aug 19, 2009	<ul style="list-style-type: none"> Need to repeat the Keystone tests with new cross section data 	Waiting for machinists to complete samples					1. Project
	Chrzanowski	Aug 19, 2009	<ul style="list-style-type: none"> Work order is in the shop for layer-to-layer & inline braze joint testing 						
	Chrzanowski	Aug 19, 2009	<ul style="list-style-type: none"> To look at bringing all the layers out of the OH coil as done in MAST 						
	Chrzanowski	Jun 24, 2009	<ul style="list-style-type: none"> Use borescope to view the inside of the leak in the TF Outer leg cooling passage (during the outage). 	Plan on doing this during an outage. Erik is planning on doing it early in the outage	Oct 1, 2009	TBD			5. Umbrella & Outer
▼ Han									
	Han	Sep 9, 2009	<ul style="list-style-type: none"> Working on EM diffusion model and OTF Structure 	Need to extract the fields for the disruptions antenna calculations.					
▼ Mangra									
	Mangra	Aug 26, 2009	<ul style="list-style-type: none"> Reviewed design requirements needed to get to the Preliminary Design. They included translation allowances of the VV, alignment budgets, forces on the PF & TF coils, etc (VGs attached) 						
	Mangra	Jul 22, 2009	<ul style="list-style-type: none"> PF Coils are aligned by the bakeout. Expansion of the tank expands to fill the coils. Is the thermal strain due to the bakeout enough to overstress the coils? 	Needs to be addressed during the Preliminary design					
	Mangra	Aug 5, 2009	<ul style="list-style-type: none"> Danny is starting to look at the PF coil support structure and determine what capacity is available. Can we support the coils as groups to minimize forces on vessel? 	PF 5 alone creates forces between upper and lower ~ 400k pounds. If the forces for PF 5 are too high for the VV to bear we would change the operating scenarios to accommodate.					
▼ Menard									
	Menard	Apr 29, 2009	<ul style="list-style-type: none"> The first concept of the NSTX TF Outer Leg support system has no insulating breaks. Do we need to insulate?? 	Menard can calculate the impact once he gets the resistance of the structure. Needed for PDR					5. Umbrella & Outer
▼ Myatt									
	Myatt	Jul 22, 2009	<ul style="list-style-type: none"> Prepare 2D analysis with details of turns of the inner PF coils 						
▼ Neumeyer									
	Neumeyer	Sep 9, 2009	<ul style="list-style-type: none"> To talk to Menard about updating equilibria with realistic coil currents to be used by analysts to calculate a "realistic" set of coil loads 	Issued new design point. Addresses PF 1a oh interaction issues, not pf 2 & 3.					
▼ Perry									
	Perry	Jun 24, 2009	<ul style="list-style-type: none"> Han now has the latest set of currents, displacements of the outer TF Legs are on the order of 16-17mm. Is that a concern for the machine access? What is allowable? 	E. Perry believes the 16-17mm deflections can be accommodated. Need Jim C. to confirm.	Jun 10, 2009				0. New
▼ Sri									
	Sri	Sep 9, 2009	<ul style="list-style-type: none"> Disruption Analysis of Vessel and Internals using 3d 360° model of VV. 	The Stress runs are in progress					0. New
	Sri	Jun 10, 2009	<ul style="list-style-type: none"> SRI ran the OH Hoop stress model. Stresses are high at more than 160 Mpa. 	May extract a few more things from the model but this work will be complete with writeup. New Run indicates stresses that are acceptable with the insulation between the OH and TF bundle.					3. Analysis
▼ Titus									
	Titus	Aug 26, 2009	<ul style="list-style-type: none"> The GRD defines alignment requirement in terms of gauss <= 1 gauss. Need to convert this into a dimensional tolerance and budget. 						
	Titus		<ul style="list-style-type: none"> Document OOP and IP loading 						3. Analysis
▼ Woolley									
	Woolley	Jun 10, 2009	<ul style="list-style-type: none"> A coil protection system needs to be incorporated into the project plans to ensure that the envelope is suitably constrained. 	Reassigned to Woolley	Jun 10, 2009	Jun 30, 2009	Working		2. Design Requirem