Meeting Notes

	Respon.	Status Date	Item	Status / Notes
▼ Ali Z				
	Ali Z		• Woolley to provide memo to Aliz on applying OH Coil forces to Flags	
▼ Chrzanowski				
	Chrzanowski	Oct 7, 2009	• Need to repeat the Keystone tests with new cross section data	Finished the new conductor size
	Chrzanowski	Oct 7, 2009	• To look at bringing all the layers out of the OH coil as done in MAST	Using Coax lead design which is superior to MAST
	Chrzanowski	Oct 7, 2009	• Use borescope to view the inside of the leak in the TF Outer leg cooling passage (during the outage).	Found leak on OUTF #7 using borescope inspection
▼ Han				
	Han	Sep 9, 2009	• Working on EM diffusion model and OTF Structure	Need to extract the fields for the disruptions antenna calculations.
▼ Mangra				
	Mangra	Jul 22, 2009	• PF Coils are aligned by the bakeout. Expansion of the tank expands to fill the coils. It the thermal strain due to the bakeout enough to overstress the coils?	Needs to be addressed during the Preliminary design
	Mangra	Aug 5, 2009	• 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	• 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
	Menard	Oct 7, 2009	• The GRD defines alignment requirement in terms of gauss <= 1 gauss. Need to convert this into a dimensional tolerance and budget.	Jon Menard to publish memo with dimensional equivalent
▼ Myatt				
	Myatt	Jul 22, 2009	• Prepare 2D analysis with details of turns of the inner PF coils	
▼ Neumeyer				
	Neumeyer	Oct 7, 2009	• Discrepancy between coil loads in web posting and Hatcher's numbers. Need to resolve quickly. Neumeyer and Hatcher to resolve this week.	
▼ Sri				
	Sri	Sep 9, 2009	• Disruption Analysis of Vessel and Internals using 3d 360° model of VV.	The Stress runs are in progress
	Sri	Jun 10, 2009	• 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.
▼ Titus				
	Titus		• Document OOP and IP loading	
▼ Woolley				
	Woolley	Jun 10, 2009	• A coil protection system needs to be incorporated into the project plans to ensure that the envelope is suitably constrained.	Reassigned to Woolley