WBS Number: 133
WBS Title: External Trim Coils
Job Number: 1354
Job Title: Trim Coil Design and Procurement
Job Manager: Mike Kalish

Uncertainty of the Estimate

	High	Medium	Low	Uncertainty Range (%)	Comments/Other Considerations
Design Maturity		X			Early stages of determining trim coil requirements - but costs small (probably under $100K)
				-10%/+15%	
Design Complexity			X		Present requirement is for a round two turn coil. Simple coil design.

Other comments: Although price of Cu variable (see Job 1352 discussion), so little Cu needed for these coils, no considered a significant uncertainty

Note: High/Medium/Low uncertainty assessment from Job Manager. Uncertainty range based on AACEI recommended practice 18R-97 as amended for NCSX.

Residual Impacts

					Cost Impact		Schedule Impact	
Job	Risk Description	Likelihood of Occurring	Mitigation Plan	Basis of estimate	Low	High	Low	High
1354	Additional trim coils may be required to suppress field errors from n>1 modes	U	Analysis being performed to firm up requirements	Costs could more than double the present estimate	+ $200	+ $400	+ 0.00	+ 0.00

Notes:
[1]   Low cost and schedule impacts are considered the minimum (0-percentile) impacts should the event occur.
       High cost and schedule impacts are considered the maximum (100-percentile) impacts should the event occur
[2]   Cost impacts should be entered as man-hours (by demographic) and M&S direct cost under basis of estimate.
       Cost impacts should NOT include standing army costs which are separately calculated from the schedule impact
       Project control is reponsible for quantifying the low and high cost impacts based on the labor hours and M&S identified
[3]   The schedule impacts should be entered as the min and max impacts on the critical path.
       If there is no critical path impact then the schedule entries should be zero.
[4]   Likelihood of occurrence should be entered consistent with our risk classification methodology, i.e.
       VL= Very Likely (P>80%), L=Likely (80%>P>40%), U=Unlikley (40%>P>10%), VU=Very Unlikely (P<10%), NC=Non-credible (P<1%)