Contingency Specification Rationale Worksheet

WBS Level 4 Identifier: 53		Title: NCSX Data Acquisition and Facility Computing		
Originator: G. E. Oliaro		Date: 9/5/03		
	Technical	**Schedule**	**Cost**	**Total**
Risk Factor (Table 2-1):	4	-	4	
Weighting Factor (Table 2-2):	2	1	2	
Percent	8	-	8	16

Recommended Contingency Allowance (%): 16

Rationale for Selection of Contingency Allowance:
The technical and schedule contingency are due to the uncertainties in producing interface drivers for Compact PCI and PCI equipment. Included in these devices will be the new clock system, which is central to the operation of NCSX. Also, the change from a VMS to UNIX based MDSplus server will require the solution of unforeseen problems. A cost contingency is included to insure that the migration from legacy CAMAC to all new instrumentation (PCI) has not been underestimated.