NCSX June 2007 ETC TABLE I - Design Labor

WBS Number: 62

WBS Title: Cryogenic Systems Job Number: 6201

Job Title: Cryogenic Systems Job Manager: Geoff Gettlefinger

	Labor Hours						
	EMEM	EAEM	EEEM	EADB Designe	_ A	Assumptions	Basis of Estimate
VBS 62 Engineering Design and Oversight							
NBS-621 LN2-LHe Supply & NBS-622 LN2 Coil Cooling Supply System							
Document Requirements 621/622	16						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
DR 621/622	8						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
Resolve CDR Chits 621/622	16						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
relim Dwgs 621/622				50			Engineering judgement on NSTX and experience on Jobs 1409 & 1414
low Calcs 621/622	16						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
DR 621/622	8						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
esolve PDR Chits 621/622	16						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
inalize Dwgs/Calcs 621/622				50			Engineering judgement on NSTX and experience on Jobs 1409 & 1414
DR 621/622	8						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
desolve FDR Chits 621/622	16						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
VBS-623 GN2 Cryostat Cooling System							
Document Requirements 623	16						Engineering judgement on NSTX and experience on Job 1701 , previou
DR 623	8						Engineering judgement on NSTX and experience on Job 1701, previou
Resolve CDR Chits 623	16						Engineering judgement on NSTX and experience on Job 1701, previou
relim Models 623	80			80	40		Engineering judgement on NSTX and experience on Job 1701, previou
an Mechanical Design	160						Estimate based on opinions from Engineering Dept managers
an Magnetics Design			160				Estimate based on opinions from Engineering Dept managers
Stell Core Thermal Analysis 623		160					Estimate based on opinions from Engineering Dept managers
DR 623	8						Engineering judgement on NSTX and experience on Job 1701, previou
esolve PDR Chits 623	16						Engineering judgement on NSTX and experience on Job 1701, previou
inalize Dwgs/Calcs 623	16			70	40		Engineering judgement on NSTX and experience on Job 1701, previou
DR 623	8						Engineering judgement on NSTX and experience on Job 1701, previou
Resolve FDR Chits 623	16						Engineering judgement on NSTX and experience on Job 1701, previou
itle III Support 62X	240						Engineering judgement on NSTX and experience on Jobs 1409 & 1414
Totals	688	160	160	250	80		