

**NCSX Preliminary Design Cost Estimate Summary Form  
(Attachment 1a)**

**SUMMARY DESCRIPTION**

<b>WBS Number: 62</b>	<b>Title: Cryogenic Systems</b>
<b>Originator: Geoff Gettlefinger</b>	
<b><u>Description</u></b>	
This WBS element consists of the following subsystems: <ul style="list-style-type: none"><li>• LN<sub>2</sub>-LHe Supply System;</li><li>• LN<sub>2</sub> Coil Cooling; and</li><li>• GN<sub>2</sub> Cryostat Cooling System</li></ul>	
<u>Description of Existing Equipment/Facilities to be Reused:</u> The liquid Nitrogen Storage tank and the helium tank supply manifold in the cryogen supply shed will be reused for NCSX.	
<u>Description of Major Modifications Required to Existing Equipment/Facilities:</u> None.	

**Date: 9/17/03**