**TRIUMF Memo**

**Date: 2012-03-12**

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| **To:** Joe Mildenberger | **Cc:** Chad Fisher |
| **From:** Anders Mjos | **File:**  |

**RE: Inspection of UCx#3 in the South Hot Cell**

When the target assembly was removed from the source tray in TM1 today, it was discovered that both target legs were broken. See e-log entry for details:

<https://elog.triumf.ca/TIS/RH-ISAC/74>

Our plan for inspecting the broken UCx#3 in the South Hot Cell today 2012-03-12 is as follows:

* Prepare plastic container / bucket in which the target assembly will be taken apart. The container is large enough to accommodate the target assembly.
* Move target assembly from the argon filled temporary storage pail to the plastic container
* Remove extraction electrode from target assembly and inspect ionizer tube. This operation is done first to contain as much as possible of any loose target material inside the heat shield.
* Remove / open heat shield lid and inspect the target container.
* When inspection of the target assembly is complete, it will be moved back to the argon filled temporary storage pail.
* Finally the target assembly will be placed in a pail for storage along with any loose material and prepared for storage in the storage vault.
* The plastic container and temporary storage pail will be cleaned with a sticky roller and / or sticky tape. Used cleaning materials will be placed in the storage pail with the target assembly.

Chad Fisher will operate the Hot Cell. Anders Mjos will be overseeing the inspection.