

XIII. Radioactive Materials

Section XIII of the Modifications of Activities Planned for 2003-2004 lists any changes in the radioactive materials used during this time period and provides information regarding their form, nuclide, site, and specific use.

Add

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
B-002-N	³ H ³⁵ S ¹⁴ C ³⁵ S	³ H Leucine ³⁵ S Methionine ¹⁴ C DMSP ³⁵ S DMSP	R/V <i>Nathaniel B. Palmer</i>	Impact of solar radiation and nutrients on biogeochemical cycling of DMSP and DMS in the Ross Sea
B-228-L	¹⁴ C ³ H ⁵⁵ Fe ¹⁴ C	¹⁴ C Bicarbonate ³ H Leucine/thymidine ⁵⁵ Fe Ferrous chloride ¹⁴ C Glucose	R/V <i>Laurence M. Gould</i>	Plankton community structure and iron distribution in the Southern Drake passage
I-177-M	¹⁰⁹ Cd ¹³⁷ Cs	Sealed Source Sealed Source	Mt Moulton	Refining a 500-thousand year climate record from the Mt. Moulton blue ice field in West Antarctica

Delete

<u>PROJECT</u>	<u>NUCLIDE</u>	<u>FORM</u>	<u>SITE</u>	<u>USE</u>
B-002-N	³ H ³⁵ S ¹⁴ C	³ H Leucine ³⁵ S Methionine ¹⁴ C DMSO	R/V <i>Nathaniel B. Palmer</i>	Impact of solar radiation and nutrients on biogeochemical cycling of DMSP and DMS in the Ross Sea
B-029-M	³⁵ S ¹⁴ C	³⁵ S – Amino Acid ¹⁴ C – Phenylalanine	McMurdo Station	Geonomic networks for cold-adaptation in embryos of marine polar invertebrates
B-228-L	¹⁴ C ³ H ⁵⁵ Fe	¹⁴ C Bicarbonate ³ H Leucine/thymidine ⁵⁵ Fe sealed source	R/V <i>Laurence M. Gould</i>	Plankton community structure and iron distribution in the Southern Drake passage
B-423-M	¹⁴ C	¹⁴ C – Sodium Bicarbonate ¹⁴ C – Sucrose	McMurdo Station	McMurdo Dry Valleys LTER