

At Sea/In Field Radioactive Material Authorization



Authorized User: Benjamin Van Mooy		Authorization Number: BV05082012	
Institution/Organization and Department: WHOI/MC&G		Date Approved: 05/8/2012 Authorization Dates: 06/08/2012-07/21/2012	
Research Vessel/Field Location: R/V Knorr		Cruise Dates: 06/15/2012-07/14/2012	
Isotope(s): a) H-3 b) C-14 c) S-35	Chemical/Physical Form: a) Liquid, leucine solution b) Liquid, sodium bicarbonate solution c) Liquid, methionine	Maximum Activity: a) 10mCi b) 10mCi c) 0.5mCi	
Authorized Radiation Workers: Bethanie Edwards, James Fulton, Patrick Martin, Justin Ossolinski, Emily Peacock, Giacomo DiTullio			
Authorized Use and Storage Areas: Rad Van			
<p>Conditions of Authorization:</p> <ul style="list-style-type: none"> • Authorized users may be responsible for all costs associated with significant decontamination efforts. UNOLS expects that research vessels and isotope vans are kept free of contamination that could impact natural radiotracer research: http://www.rsmas.miami.edu/groups/tritium/SWAB-comments-reports.html • Work with dispersible/volatile radioactive materials must be performed within a properly labeled lab hood. • All applicable requirements of the Radiation Safety Manual must be followed, including Protocol 14. • Eating, drinking, smoking, and application of cosmetics is prohibited in any radioactive material use and storage areas. • A copy of this authorization shall be posted in the work area. • All radioactive materials must be properly labeled and in appropriate containers that prevent or minimize leaks, spillage, and contamination. All radioactive materials must be properly secured or under direct control of authorized personnel. • Doors of work areas and storage areas must bear an appropriate 'Radioactive Material' sign • Contamination surveys of all authorized radiological work areas shall be conducted in accordance with the Radiation Safety Manual. Work areas must be surveyed first then cleaned if contamination is found, to minimize waste. A thorough 'close out' survey shall be conducted of all equipment used. The results of all surveys shall be maintained for review by the Radiation Safety Officer or his designee. • No radioactive material shall be discharged overboard. All radioactive waste must be collected for disposal. Segregate and collect liquid and dry waste in separate containers. Minimize the generation of mixed radioactive and hazardous wastes. • Lab coat and gloves are required when handling radioactive materials. Change gloves as necessary to prevent cross contamination of the other van areas/equipment. • Any changes in radioactive material, material use or storage areas, radiation, and/or possession limits will require an amendment to your Authorization prior to initiating your research. 			
Approved: _____ <div style="text-align: center; margin-top: 10px;">RSO/Radiation Safety Committee</div>		Date: _____ <div style="text-align: center; margin-top: 10px;">6/7/2012</div>	