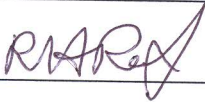




At Sea/In Field Radiation Generating Device Authorization

Authorized User: Richard Murray		Authorization Number: RM102014	
Institution/Organization and Department: Boston University, Earth & Environment		Date Approved: 10/09/2014	
		Expiration Date: 12/09/2014	
Research Vessel/Field Location: R/V Knorr		Cruise Dates: 10/23/2014 – 12/2/2014	
Isotope(s): a. Cs-137	Chemical/Physical Form: a. Sealed source	Maximum Activity: a. 7.1 mCi	
Instrument(s): a. HEG-137(A3000) Serial # IPL MM-053			
Authorized Radiation Workers: Chloe Anderson, Ann Dunlea, Casey Hearn, Steve Hovan, Claire McKinley			
Authorized Use and Storage Areas: RV Knorr shipboard laboratory (OSU Lab Van)			
Conditions of Authorization: <ul style="list-style-type: none">• A copy of this authorization shall be posted in the work area.• All applicable requirements of the Radiation Safety Manual must be followed.• Doors of work areas and storage areas must bear an appropriate 'Radioactive Material' sign.• All sealed radioactive sources must be sealed appropriately to prevent or minimize leaks and contamination.• All instruments which contain sealed radioactive sources must be properly shielded and labeled at the source.• All sealed radioactive sources must be properly secured or under direct control of authorized personnel.• Do not attempt to dismantle or compromise the integrity of the source housing.• Copies of the latest leak test results must be provided upon request.• Any changes in radioactive material, material use or storage areas, radiation, and/or possession limits will require an amendment to your Field Use Authorization prior to initiating your research.			
Approved: 		Date: 9 Oct 2014	
RSO/Radiation Safety Committee			