



Full service,  
high quality radiocarbon analyses  
for 25 years

Dedicated to science,  
education and outreach

Committed to  
moving your science forward

Competitive pricing  
for quality results



Service	Price
Graphite	\$99
Carbon Dioxide Gas	\$165
Carbonate Minerals	\$268
Organic Carbon	\$268
Organic Carbon (including pre-treatment)	\$332
Dissolved Inorganic Carbon (Water)	\$347
Dissolved Organic Carbon (Water)	\$482

Special Services	Price
Reconnaissance Carbonate	\$57
Contamination Check Swipe	\$107

For Qty > 10, federally subsidized rates, prices valid until 1/1/16, please check our web site for more details.

### Contact NOSAMS

Please contact us with questions about sampling, logistics, pricing, or anything to do with radiocarbon.

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NATIONAL OCEAN SCIENCES AMS FACILITY

# Radiocarbon Analyses

For Ocean and  
Environmental Sciences



# Working with NOSAMS

Photos by Tom Kleindinst



## Serving the Ocean Science Community

Since 1991, NOSAMS has provided high quality radiocarbon measurements for research in paleoceanography, ocean circulation, carbon cycling, and climate change. We continue to analyze an increasingly diverse range of sample types from individual researchers as well as maintain our commitment and service to global programs such as WOCE, CLIVAR, and GEOTRACES.

## A State-of-the-Art Facility

NOSAMS continuously updates techniques and instrumentation to remain at the forefront of radiocarbon-based research. This involves advances in procedural automation, chemical pre-treatment, novel sample processing (e.g., compound specific radiocarbon analysis, ramped pyrolysis oxidation methods) to refinements in AMS technology, ranging from a very low background instrument to operation of a unique gas-accepting ion source.



## Experience is Everything

When it comes to ocean sciences, NOSAMS knows how to handle, process, and analyze just about any carbon-bearing sample. And if we don't, we can work it out. We provide experienced advice on sample selection and preparation, help ensure your laboratory is contamination-free, and provide advice on secondary standards and other QA/QC procedures.

## New Services are Coming

While pushing the limits on sample measurement capabilities, we are also developing new services for our clients. Among them are "reconnaissance methods" that offer very low cost and rapid turnaround lower

## Convenient Access, Reliable and Secure

Our clients have access to a streamlined and convenient web-based sample submission portal, and after sample receipt, they are able to monitor analysis progress and obtain all their results through a secure, web-based information portal. As a national facility, our operations are based on a secure, reliable database management system that is used to track sample processing and data reduction.

## Competitive Rates for Quality Services

Not only are NOSAMS' rates competitive with other laboratories (see back of brochure for prices and check our web site), but we also constantly work on new and cost-effective approaches to the measurements you need.



## Dedicated to Education and Outreach

NOSAMS awards internships to U.S.-based graduate students (see our web site for details) that provide support for on-site research and methods development. We host post-doctoral scientists involved in radiocarbon-based research projects as well as visiting students and faculty. We also invite applications for research initiatives that may lead to new techniques and/or research programs. Finally, in collaboration with the MBL/WHOI Library, we provide an internet searchable database of radiocarbon (and NOSAMS) related research.



precision measurements. Please visit our web site ([www.who.edu/nosams](http://www.who.edu/nosams)) to learn about plans and progress toward these and other new services.