



March 7th, 2008

Dear SMS Project Colleagues:

Please find attached to this letter, several pages to be used during preparation of your revised Science Documentation (SD) phase research proposals. The FIRST DRAFT of the proposal must be submitted to the Science Management Office by 5 April 2008. The revised proposal does not need to replicate your original research proposal, submitted in 2005, but it should provide details of the research you will focus on, what if anything has changed in the scope of your research, and why. Co-Chief Scientists, M-ASIC and SMO Staff are looking for a clear statement of the research project(s) you will complete over the next 18 months, and the nature of your research collaborations.

This message is being circulated to members of the Science Team who were staffed as 'Scientists'. Some of you will be submitting your research proposals on behalf of a team, other collaborators who you have requested to join your projects upon approval of Co-Chiefs and students working under your direction.

There are several documents available on the "ANDRILL SMS server" (<http://sms.andrill.org>, user: ANDRILL, password: SMS-office) that will help you develop your detailed SD research plan and integrate your studies with SMS Project colleagues. Once you have accessed the SMS server, open the 'science' folder and then the 'proposal preparation' folder. These documents include:

- (1) 'On-Ice Report', which provides information developed on-ice regarding the AND-2A drillcore for the Science Team (follow path 'science' folder then 'documents' folder then 'on-ice reports');
- (2) 'SMS Research Project Descriptions', a summary of research proposed in 2005 by the SMS Team;
- (3) 'Proposed SMS Project manuscripts (updated 03 Dec. 2007)' with authors, keywords, datasets, brief description of results, as proposed by the Science Team in early Dec. 07. Please note that all manuscripts are only 'proposed' at this time, but not approved. These will be points of discussion at the Core Workshop at Florida State University; and
- (4) AUSSP (ANDRILL U.S. Science Support Program) document (required for U.S. Scientists only).

Detailed instructions regarding how to access the "ANDRILL SMS server" are attached at the end of this message.

The Co-Chief Scientists and Staff Scientist will review the revised research proposals in mid April, and comments on your proposal will be provided during or before the SMS Project Core Workshop at Florida State University (30 April through 3 May). You should have received an e-mail inviting you to this workshop and requesting registration details. If not, please contact Laura Lacy at llacy2@unl.edu.

Because the scope of your Science Documentation research may change as a result of future discussions with colleagues and Co-Chief Scientists at the Core Workshop, there will be a call for a FINAL DRAFT of your Science Documentation phase proposals 10 days after the Core Workshop. Final Proposals must be submitted by 13 May. Note: U.S. proposals will be reviewed by an external committee convened by JOI (Joint Oceanographic Institutions), and rankings will be relayed to the SMO Executive Director and Co-Chief Scientists.

You will be receiving several e-mail messages in the future that will describe the process to:

1) Submit, via an on-line database, a request for your next phase of sampling from the SMS Project AND-2A drillcore. Sampling for these requests will take place during the early summer, after the Core Workshop, pending Sampling Committee and M-ASIC approval. These sample requests must be submitted by April 5, 2008 for consideration. Modifications to these requests can be made at the time of final proposal submission, 13 May. No sampling will be done during the Core Workshop.

2) Submit Extended Abstracts with figures and tables to be compiled in advance of the Core Workshop and distributed to all SMS Project Science Team Members. These Extended Abstracts will reflect the presentations at the Workshop by the science team groups, providing a means of communicating new results and significant scientific conclusions to other members of the Science Team. These abstracts will be compiled into a Workshop Proceedings volume, to be published on-line in late summer 2008 in the ANDRILL Contribution Series. These abstracts will serve as the first step toward revision of the On-Ice Report into the Initial Report (to be published in the journal *Terra Antarctica*), which we anticipate will be sent for printing in mid July. In order to keep to the workshop schedule, the Extended Abstracts will be due to the Co-Chiefs and Laura Lacy by 11 April.

Lastly, to remind all that we are entering the last months of the Core Characterization Phase of the SMS Project. Data we are generating now will be stored on the SMS Project Science server, and will provide, along with the published SMS Project Initial Report, a fundamental characterization of the SMS Project AND-2A drillcore for use by investigators beyond the Project moratorium (Nov. 4., 2009). We need to ensure that we produce a full characterization of this important drillcore, so that our future Science Documentation Phase research efforts will be supported by a common set of complete data, and research by many scientists in the future will have excellent data and supporting reports to guide their studies.

If you have any questions or concerns, please do not hesitate to contact us.

Thank you for your dedicated efforts! We look forward to reading your proposals, learning of your recent results, and working with you all at the Core Workshop in Florida.

Best wishes to all,

The image shows two handwritten signatures in blue ink. The signature on the left is 'David' and the signature on the right is 'Fabio'. Both signatures are written in a cursive, flowing style.

David and Fabio
SMS Project Co-Chiefs



ANDRILL SMS Project



Request for Proposals for Science Documentation Phase Research

Members of the SMS Project Science Team must submit a revised research proposal and sampling plan to describe the research to be conducted during the Science Documentation (SD) Phase of the SMS Project. The SD phase starts after the Core Workshop when chapters for the Initial Results Volume are in the final stage of revision, and represents the period when detailed studies of the SMS drillcore will be conducted. These results will be published in leading journals and/or special volumes (Palaeo3, Global and Planetary Change, G3, etc.). Team members may submit group proposals, provided the roles of all collaborating scientists are identified.

SMS Project Co-Chief Scientists, the McMurdo-ANDRILL Science Implementation Committee, and Science Management Office Staff require a clear statement of the research you propose to conduct during this phase, and the samples required to conduct this research, so that we can maximize the scientific output, minimize overlapping interests, and ensure that the SMS science plan is mature, comprehensive and achievable.

Send your proposal as a Word document (.doc) or a portable document file (.pdf) to ANDRILL Staff Scientist Richard Levy rlevy2@unl.edu by 5 April, 2008. The Research Proposal should include the following sections:

A. Cover Page (see next section)

B. Status of current SMS research

Please provide a BRIEF summary of the status of your research to date, including a report on your samples and data processing. Science Team members who have yet to receive samples, please disregard this section.

C. Amendments to the prior Proposal

Please describe specific adjustments to the scope of your original research proposal, based on the recovered core, your knowledge of interests of other SMS team members (please refer to the 'SMS Research Project Descriptions'), discussions with Co-Chiefs, your science results to date, etc. Please explain why these changes or refinement of your research plan are required or desired. Your research should be in line with what you proposed originally; substantial deviation requires discussion and endorsement by Co-Chiefs.

D. Title of Research Project(s)

Please provide a title of your specific SD Research Project(s) represented by this proposal. If you propose more than one study, please list the projects in order of your priority. 1, 2, 3, etc., with '1' being the highest. Also identify titles of student research projects, theses, etc., and briefly describe the scope of their research.

E. Core Intervals of Specific Focus

Please provide a BRIEF and general description of intervals of the core (refer to meters below sea-floor or Lithostratigraphic Units) that you intend to focus on for each of the above-mentioned studies. You will be asked for a detailed sampling plan in the future, where you will provide specific intervals, sample volume and type.

F. Titles of Publications

Please provide titles of publications that you anticipate leading, and those that you anticipate contributing to as a collaborating scientist. Please refer to the list of 'Proposed SMS Project manuscripts (3 Dec. 07), available on the "ANDRILL SMS server" 'science/proposal preparation'. Please identify any new titles not on the list.

G. DRAFT Budget and Budget Justification U.S. Team Members ONLY. Please refer to AUSSP document (p. 11, sect. 4.5.2) for guidelines regarding SD Phase research support items and levels. You will find this document at <http://andrill.org/system/files/web/files/AUSSP.pdf> and on the "ANDRILL SMS server". Please direct questions about AUSSP funding to Dr. Frank Rack, Executive Director of U.S. ANDRILL Program and SMO at frack2@unl.edu. Please submit a DRAFT Budget and Budget Justification using standard NSF Budget format, using appropriate letter code designation and categories (e.g., (D) Equipment, (E) Travel. You will be asked by Frank Rack to submit a FORMAL budget, budget justification, and work statement endorsed by your institution's Sponsored Research Office at a later date. He will also need SRO contact details.



ANDRILL SMS Project



Proposals for Science Documentation Phase Research

COVER PAGE

1. Principal Investigator (name, e-mail contact):
2. Title of Research Project(s):
(you may duplicate this page if necessary to describe multiple projects)
3. Collaborating Science Team Members (name and research role):
4. Collaborating Students (name, degree sought, research role, thesis title, e-mail contact):
5. NEW scientists you request that the Co-Chiefs invite to join the Science Team, as collaborators on your research project. Please review the list of Science Team Members at <http://andrill.org/projects/sms/team.html> to see whether they are already included. Please describe the research role of these proposed new members.
6. Comments and Notifications:

Please attach your proposal with information covering items 'A' through 'G' (from the prior page) behind this sheet, and submit it as a Word (.doc) or Adobe (.pdf) file to Richard Levy rlevy2@unl.edu by 5 April 2008.

Connecting to the ANDRILL SMS Server

Introduction:

This document provides step-by-step instructions to connect to the ANDRILL Southern McMurdo Sound (SMS) Project's data folder to access documents and presentations from the morning meetings, core images, data, and core logs.

Pre-requisites:

- computer running Windows XP or Mac OS X
- connected to the Internet

Windows XP Steps:

1. Open “*My Network Places*” from the Desktop or from the Start Menu.
2. Click “*Add a network place*” from the left side bar.
3. When asked where do you want to create the network place, select “*Choose another network location*”.
4. In the “*Type the location of the Network Place*” text box, enter the url: **http://sms.andrill.org**
5. You will be prompted for your username and password. Enter **ANDRILL** for the username and **SMS-office** for the password. You will also likely want to click the “*Remember my password*” checkbox to avoid being prompted for you password.
6. In the “*Enter a name for this Network Place*” text box, enter a name or use the name Windows provides for you.
7. Click “*Finish*”. A folder with the name you specified should appear in the list. You can navigate this folder just like any other folder on your computer. As mentioned above, this folder is read-only so you will not be able to add new files, change files, or delete existing files.

Mac OS X Steps:

1. Open Finder.
2. Click the “Go -> Connect to server...” menu option.
3. Enter **http://sms.andrill.org** into the “Server Address” text box.
4. Click the “+” button to add this address to the list.
5. Click the “Connect” button
6. You will be prompted for your username and password. Enter **ANDRILL** for the username and **SMS-office** for the password.
7. Click “*Ok*”. A “**sms.andrill.org**” object should appear on your desktop. You can navigate this folder just like any other folder on your computer. As mentioned above, this folder is readonly so you will not be able to add new files, change file, or delete existing files.

Web Browser Steps:

You can also connect to the data drive directly with your web browser. This approach is the fastest when you only want to download a couple of files.

1. Open your web browser (Internet Explorer, Firefox, Safari, etc.)
2. Enter **http://sms.andrill.org** into the address bar.
3. You will be prompted for your username and password. Enter **ANDRILL** for the username and **SMS-office** for the password. You will also likely want to click the “*Remember my password*” checkbox to avoid being prompted for you password.
7. Click “*Ok*”. You should now see a web page that lists the contents of the shared drive.

Troubleshooting:

If you have problems with these instructions please contact Josh via email at jareed@andrill.org