

# Planning Meeting for the S-Pol Deployment at TiMREX

Monday, November 26, 2007 Meeting Notes

## ATTENDEES

Brigitte Baeuerle, Wiebke Deierling, Scott Ellis, Jonathan Emmett, Gordon Farquharson, John Hubbert, Wen-Chau Lee, Frank Ling, Al Phinney, Bob Rilling, Briesa St. Martin, Jim Moore, Joe VanAndel, Jothiram Vivekanandan, Tammy Weckwerth

## GENERAL

- Next meeting will be held Wednesday, December 5, 2007 from 10:30-12:00 in the EOL Atrium.
- Passport health clinic on 11/29/07 at 13:00, room FL1, 2133. The follow up visits for the JE shots are 12/6 and 12/13.

## OPS CENTER AND DATA ACCESS

- Vivek asked whether S-Pol will generate images that can be included in the SOWMEX field catalog. Scott Ellis argued that images on the catalog are very useful for S-Pol scientists to efficiently review data that is recorded more than a day or two ago. Also, the catalog would exist after the end of the project, and would not only serve S-Pol scientists, but also international collaborators. The images could also be sent to the operations center instead of data if the bandwidth was not sufficient. In this case, however, it is likely that the scientists would be located at S-Pol.

## S-POL SITE

- The Air Force Academy site is located on (Ta Di Hill). Ta is said with a falling tone, and Di is said with a falling and then rising tone. Wen-Chau reported that the initial contact with the town officials had been positive, and that there is a meeting scheduled with the town mayor for December 6.
- There is no update on the levy site.
- A list of questions and requirements about the sites has been sent to Taiwan.

## S-POL FREQUENCY ALLOCATION

- Frequency scans around 2786 MHz were conducted from on of the Taiwanese weather radars.
- We need to obtain a frequency license before January 1, 2008 because of uncertainty regarding the Taiwanese frequency allocation authority.
- We should investigate whether the license should also include the commercial satellite link frequency.

## SHIPPING

- Wen-Chau sent the packing list from RICO to people in Taiwan. They responded that it needs to be reorganized. Wen-Chau will translate and send their response to the TiMREX mailing list.
- Brigitte has requested three quotes from SeaJet for shipping S-Pol. The quotes cover the cost of 1) ocean freight only, 2) ocean freight with local transport, and 3) ocean freight, local unloading, and local transport.
- Brigitte talked to Kerry Slaven about CARNET forms.
- A decision was made by Gordon Farquharson to ship S-Pol in 8 containers as opposed to 7 to provide the extra space for the fall protection equipment.

## PROJECT PLANNING

- An iTeamWork site has been set up. All users are encouraged to log in and participate.
- Project overview meeting should take place in January. Scientists from RAL and MMM to be included in that meeting are Chris Davis, Bill Kuo, Quignong Xiao, Jenna Sun, Rita Roberts, Stan Trier, and Matthias Steiner.

## ACTION ITEMS

- **Wen-Chau Lee** will identify a Taiwanese counterpart to work with NCAR staff on shipping.
- **Jeff Bobka** will prepare a site preparation plan and cost estimate for both proposed sites. The estimate should be done using costs that would be incurred in the U.S.
- **Jim Wilson** will send a draft of the science needs (variables, displays, etc.) to Joe VanAndel.
- **Gordon Farquharson** will designate one of the TiMREX meetings as a project overview meeting in which Wen-Chau will provide an overview of the experiment, and UCAR Site and Safety services will present their project safety review of TiMREX.
- **Dennis Flanigan** will investigate the use of CIDD to generate images of S-Pol data that can be included in the SOWMEX field catalog. The image generation software should ideally run in the background.
- **Gordon Farquharson** will discuss the task of setting up software to generate images of S-Pol data with Mike Daniels as part of the CDS support for S-Pol at TiMREX.
- **Gordon Farquharson** will get old S-Pol license information from George Stringe.
- **Gordon Farquharson** will get frequency allocation requirements for the commercial satellite link from Vidal.
- **Wen-Chau Lee** will translate and send the email about the packing list to the TiMREX mailing list.

- **Brigitte Baeuerle** will send the CARNET forms to Jonathan Emmett.
- **Jonathan Emmett** will find out what materials are considered hazardous in terms of shipping.
- **Wen-Chau Lee** will contact the Science & Technology Officer at the American Institute in Taiwan regarding Diplomatic issues.
- **Wen-Chau Lee** will ask NTU for a letter stating that S-Pol has been requested for a field project in Taiwan. **Bob Rilling** will provide an example letter to Wen-Chau (Brazil letter). **Briosa St. Martin** will add the letter to the Project Manual.