

The Tenth Silk Board Meeting
Bishkek, Kyrgyzstan, October 31 – November 1, 2005

Order of Meetings

The general schedule will have small meetings and the ExCo on Sunday afternoon (October 30), the Silk board Monday – Tuesday (October 31 – November 1) and an OCCASION meeting on Wednesday (November 2).

The Monday meetings will be at the Kyrgyz Academy of Sciences. Other meetings will all be at the hotel where we are staying.

Sunday October 31, 2005 15.00 – 18.00 Small meetings

The Order of these Meetings will be adjusted nearer the time. It depends partly on what guests will be attending the meeting. At present there has been no concrete time scheduled for a short SPONGE meeting; this will be required, but its timing will depend on the arrival of the various SPONGE partners, and which of the other small meetings actually take place. If it has not been possible earlier, then this will be scheduled for after the OCCASION meeting on Wednesday.

15.00: Silk-2 connectivity - Berezhnev, Frese, Janz, Kirstein, Kvatadze, Navotny, Gajewski, Dewispelaere, van Linde

16.00: OSI Activity – Medet Tiulegenov, All ExCo members

17.00: Eurasiasat – Kirstein, Frese, Janz, Dewispelaere

17.30 Silk ExCo - All ExCo members, De Wispelaere, Van Linde

Monday October 31

It is expected that much of the Silk Board discussions will move to the OCCASION meetings in the future. We are finding that we must put together the Silk Agenda first, and must decide which items need the guests at the Silk Board meeting, and which are best moved. Sometimes we may start a theme with the guests, and then decide to continue it under OCCASION – or vice versa. One of the questions which will then arise is whether the OCCASION meetings should be before or after the Silk Board.

09.00 – 10.00 Silk Board Opening session

10.30 – 10.00 Silk Board 1

13.00: Lunch

14.00 – 18.00 Silk Board 2

20.00: Silk Board Dinner

Tuesday November 1

09.00 – 13.00 Silk Board 3

13.00: Lunch

14.00 – 16.00 Silk Board 4

16.30 – 18.00 Silk ExCo - All ExCo members, De Wispelaere, Van Linde

Wednesday November 2

The OCCASION Kick-Off Meeting**09.00 – 13.00 OCCASION 1****13.00: Lunch****14.00 – 18.00 OCCASION 2**

The EC OCCASION project is going ahead, and is expected to have already started. Nevertheless, we cannot receive any official offer of contract before December. However, I am assured we can charge to the project from October 1 – as far as the EC is concerned; whether their own administrations permit the OCCASION partners to charge to the project prior to receiving a contract is another question, of course. We currently plan to have the current Silk Board meeting paid from OCCASION.

We will hold the kick-off meeting on November 2, and may well want to continue to November 3 – depending on how fast we get through the agenda – both of the Silk Board and the OCCASION kick-off. It is possible that we may be able to start this meeting already on November 1, if we get through the Silk Board Agenda remarkably quickly.

During the OCCASION kick-off, we have to discuss the technical programme and all the administrative matters. Normally this sort of kick-off meeting takes two days; I will keep it as short as I can. However, since the Silk NRENs have not been part of such a project before, I think that it is important they attend as much of this meeting as possible. I understand that the bus for Almaty will leave in the early afternoon to Almaty, so that we will certainly not continue after lunch.

Silk Board Agenda

All papers for the meeting should be provided to Prof. Kirstein by e-mail before Thursday October 27. Last minute paper copies can be provided for the Silk Board meeting, but it would be much better to have them in advance for putting onto the web.

Monday October 31**Session 0 9.00 – 10.00: Formal Opening of SB10****Session 1 9.00 – 13.00: Administrative Matters and Current Status**

1. **Welcome to Silk Board Members**
2. **Acceptance of, or Changes to, the Agenda [Kirstein, [SB10-2](#)]**
3. **Introduction of Participants**
4. **Minutes of Previous Meeting of the Silk Board in Almaty [Kirstein, [SB10-4](#)]**
5. **Actions Arising from SB8 [Kirstein, [SB10-5](#)]**
6. **Status Report on Current Installations**
 - Reports from the NRENs [Janz, [SB10-6.1](#)]
 - Outstanding Problems and planned solutions [Frese]
 - Presentation on current bandwidth and load statistics [Berezhnev, [SB8-6.2](#)]
 - Feedback on current experiences [SB NREN members]
 - Current status of caching and the Content Engine [Kirstein]
7. **Review of Silk-1 and its lessons for Silk-2**

Session 2 14.00 – 13.00 Preparation for Silk-2

Since we have still not settled on a communications carrier for the next phase of the project, I am now re-defining Silk-1 to include the period of time until we obtain a solution to the next phase, and call Silk-2 the phase of the project which uses the eventual communications carrier.

8. **Status Report on Current Negotiations on Silk-2 [Kirstein, Frese]**
9. **Results of investigation of technical alternatives for 2005-2007 [Frese [SB10-9](#)]**
10. **Policy on Subsidisation of communications during remainder of Silk-1 [Frese]**
11. **Communications Distribution for the remainder of Silk-1**
 - Bandwidth distribution – total, subsidised, free [Frese]
 - Co-funding [Frese]
 - Videoconferencing and VoIP [Frese]
 - IPv6 [Kirstein]
12. **The funding prospects**
 - NATO [Dewispelaere, Frese]
 - OSI [Tiulegenov]
 - University of the Mountains [Nadkarni]
 - World Bank [Bunchuk]
 - The NRENs
 - Cisco [Kirstein]
13. **Current Status of OCCASION Project [Kirstein]**
14. **NREN Reactions to Silk-2 Plans**

Tuesday November 1**Session 3 14.00 – 18.30: Distance Education, Training and Technical**

15. **Progress on Distance Education**
 - The Almaty Workshop [Japarov, Gajewski]
 - The EC Initiative [Kvatadze]
 - The Virtual Physics Laboratory [Gajewski]
16. **Interaction with and role of Cisco Academies**
 - Current Status in Silk countries [Cisco]
 - Training the Trainers
 - The Security Workshop
17. **Progress on Workshops during Silk-2**
 - Inventory of education requests [NRENs should provide input]
18. **Possible technical activities**
 - The relation between the Silk Board and OCCASION Meetings
 - The technical activities to be discussed at the Silk Board

Session 4 14.00 – 18.00: Future Plans

19. **The SPONGE Review Report and moves to sustainability [Kirstein, SB10-23]**

20. The organization of technical activities and meetings in Silk-2

- Setting up Silk and National IP Registration Authorities
- Silk CERTs
- Videoconferencing

21. General Discussion

22. Future Meetings Structure

- Relationship to OCCASION Meetings

23. Future Meetings Calendar

PK suggests continuing co-siting the meeting with OCCASION ones. I would like to explore the following:

- SB11 Tashkent, March 2006
- SB12 Tbilisi, July 2006
- SB13 Baku, October 2006

24. Any Other Business

Wednesday November 1

OCCASION Kick-Off Agenda

- 1. The Current Contractual Situation**
 - The Status of the Contract
 - Presumed Starting Conditions
 - The Expected Partners
- 2. The Financial Procedures**
 - The Budget
 - Expectations of Spending
 - Advances
 - Claims
 - Overheads
 - The Financial Procedures
 - Supporting National collaborative user groups
- 3. Specific Problems of Silk NREN Finance via Western Partners**
 - Equipment via DESY
 - Staff via RUG
 - Travel via RUG
 - Travel outside the EC
- 4. Reporting Requirements**
 - Regular Progress Reports
 - Annual Reports
 - Deliverables
 - Reviews
 - Claims and Audit
- 5. Management Activities**
 - Executive Committee (OCCASION ExCo or OExCo)
 - Work-package leaders
 - Project Management Committee
 - Special roles of Frese, Janz, Kirstein
- 6. Technical Activities**
 - Providing bandwidth for conferencing
 - Voice over IP (VoIP) – with hardware and soft -phones
 - H.323 conferencing – with Tandberg units and software ones, Servers, MCUs, Gatekeepers
 - Mbone conferencing, multicast over Silk, VRVS, Access Grid
 - Caching
 - IPv6
 - Security
 - Novel use of satellite
 - Distance Education
 - Wireless and Mobility
 - Transition studies to use of fibre
- 7. Technical Infrastructure**

- Facilities for normal use of the Internet
 - VoIP - with hardware and softphones
 - H.323 conferencing – with Tandberg units and software ones, Servers, MCUs, Gatekeepers
 - Mbone conferencing, multicast over Silk, VRVS, Access Grid
 - Web sites
 - The Principals
 - Distribution and mailing lists
- 8. Meetings**
- Regular audio teleconferences (VoIP T/c) –English speaking representative
 - Regular multimedia (VoIP T/c) – English speaking representative, choice of system
 - Project Management Meetings
 - Technical T/c
 - Technical Meetings
- 9. User Groups**
- Identifying User Groups
 - Getting User Groups organised
 - Supporting User Grops
- 10. Dissemination**
- National Dissemination
 - Papers
 - International Meetings
 - Web sites

Attendees

ExCo

S. Berezhnev
H. Frese
J. Gajewski
R. Janz
P. Kirstein
C. De Wispelaere - NATO

Guests

V. Navotny – UNDP, UZ
V. Mouravi – Cisco
S. Polishuk – Cisco
H. Schaumburg – Hamburg TU
H. van Linde – NATO Networking Panel
M. Tiulegenov – OSI
M. Bunchuk – World Bank
S. Nadkarni – U of Central Asia
N. Aysin + ?? – Eurasiasat

NRENs

N. Nehan – Afghanistan
G. Babayan – Armenia
A. Abbasov /E. Aliev – Azerbaijan
R. Kvatadze – Georgia
B. Japarov – Kazakhstan
K. Karabukaev – Kyrgyz Republic
K. Sadykov – Tajikistan
C. Amansakhatov – Turkmenistan
A. Khadjaev – Uzbekistan