**ARISS International Monthly Meeting Teleconference**

**April 17 2018, 1100 UTC**

Participants:

Oliver Amend

Frank Bauer

Gaston Bertels

Jean-Pierre Courjaud

Darin Cowan

Emanuele D’Andria

Francesco De Paolis

Bruce Hunter

Bertus Husken

Tony Hutchison

David Jordan

Tatiana Kolmykova

Lou McFadin

Ciaran Morgan

Jan Poppeliers

Keith Pugh

Kenneth Ransom

Sergey Samburov

Graham Shirville

Dave Taylor

Rosalie White

Satoshi Yasuda

Interpreter: Olga Moncuquet

Unable to attend:

Fabio Azzarello

Kerry Banke

Armand Budzianowski

Stefan Dombrowski

Gianpietro Ferrario

Keigo Komuro

Chet Latawiec

Ken Nichols

Joe Spier

Mark Steiner

Eskil Van Loosdrecht

***Meeting Agenda***

**Roll Call—Rosalie White, K1STO**

Rosalie White did the roll call and reminded people to comment if they could not hear a speaker.

**Welcome—Frank Bauer, KA3HDO**

Frank Bauer welcomed the team to the April ARISS-International meeting. The world team is involved in many activities and all of this work is greatly appreciated.

**1.      Call for Acceptance of Minutes—Rosalie White, K1STO**

      [Decisional]

Summary: The minutes from the ARISS-International Monthly Meeting were completed on April 8, 2018 and were distributed to ARISS Delegates on April 10, 2018.

Discussion:  Rosalie White received no comments regarding the minutes that were distributed for the March meeting. Gaston Bertels moved to accept the minutes; Bruce Hunter seconded the motion. The March minutes stand as written and approved.

**2.    2018 ARISS-International Face-to-face Meeting—Oliver Amend, DG6BCE and Frank Bauer, KA3HDO**

[Informational]

Summary: The ARISS-US Team has made more progress on finalizing details for the 2018 ARISS-International Face-to-face Meeting to be held in the Washington DC area at the College Park Airport and Museum, in College Park, Maryland.

Discussion:  The face-to-face meeting will be Wednesday through Friday, October 17-19, 2018 at the College Park Airport and Museum in College Park, Maryland. ARISS team members should have just received an emailed document from Frank Bauer with updates regarding the meeting. The document lists a hardware meeting for October 15-16 and also an education meeting for October 15 and the morning of the 16th. The education meeting is a US initiative, however, participants from all countries are encouraged to attend and suggest presentation ideas to Frank Bauer. If team members wish to be at both the hardware meeting and the education meeting, please email Frank Bauer so that he can determine if the meeting days and/or tours can be moved around. In making the decisions, the needs of the hardware team will get priority.

The hotel will be the Holiday Inn in College Park, Maryland. The cost is $105.00 USD per night plus 13% tax for October 14-20, but these dates can be extended. Pease see the emailed document for many other details about the hotel. Make your reservations as soon as possible; there is no cancellation penalty if a person cancels within 72 hours of the arrival date. There is a small block of rooms reserved. The block can be expanded if needed, but if people do not reserve rooms early, the hotel may not have enough empty rooms later to allow more ARISS participants to reserve rooms.

**3. ARISS SSTV Activities—Sergey Samburov, RV3DR**

[Informational]

Summary: SSTV from the ISS continues to be popular and more SSTV activities have been sponsored and will be offered in the future.

Discussion:  Sergey Samburov thanked the ARISS-International team for support of the SSTV event. The days of the activity were extended so that more people could take part. Frank Bauer noted that having the event information earlier also resulted in more participation because more people read about it. The gallery web site showed that an amazing big total of 6,470 images were posted; that is far more images than have ever been posted during past events. The US team managed the gallery web site and blog, and Sergey Samburov noted that the Polish team took care of the award. Oliver Amend said 12 images were prepared by Slawomir Szymanowski. Gaston Bertels thanked the Polish team for doing the very nice award work. Frank Bauer asked Oliver Amend to thank the awards committee and the Polish team for their work.

The next SSTV event will be sometime near May 25 and the images will be of satellites from Tatiana Kolmykova’s university. Oliver Amend requested that Sergey Samburov share the details two weeks ahead of time so the world team can give information to many worldwide ham radio media outlets to distribute, since so many people are interested.

Sergey Samburov shared information about upcoming school contacts in April.

**4. Status, ARISS Interoperable Radio System—Lou McFadin, W5DID & Frank Bauer, KA3HDO**

[Informational]

Summary: The ARISS Team has been working hard on making progress with the Safety Data Package for the Interoperable Radio System and with building the Multi-Voltage Power Supply.

Discussion:  Lou McFadin noted that the first flight-like unit of the Multi-Voltage Power Supply has been built and Kerry Banke has done an excellent job with it. In the testing, it has been operating well. The unit meets all Russian and US power source specifications. A few drawings are yet to be completed.

Frank Bauer reminded the team that there are four safety reviews, Phase 0, Phase 1, Phase 2, and Phase 3. For the Phase 2 review held on March 21, the team generated four major safety reports (the largest was 55 pages in length). The safety team agreed that the largest hazard report (Standard Hazards) was sufficient; therefore, ARISS will not have to go through a formal review. The report will be closed out “out of board;” this means once all the test and analysis reports are completed and submitted to NASA, this report will be closed. The safety team was pleased with the report’s results on the battery and closed out that report. The electrical expert on the safety team was not available to review the electrical hazard report, so ARISS will have a Phase 3 safety review of this electrical hazard report. The final report to be approved is regarding transmit power level and will also go through a Phase 3 safety review. So only 2 of the 4 reports need to go through a formal safety review.

All of this work was done with a volunteer ARISS team for the first time ever. Doing the wok took a great deal of the team members’ time but it saved ARISS a great deal of money.

**5. Update, MarconISSta—Oliver Amend, DG6BCE**

[Informational]

Summary: Work continues on steps toward the launch of MarconISSta.

Discussion: Oliver Amend said there are no significant changes to the MarconISSta status since his report at the March ARISS meeting. Hardware is ready and the plan is for launch on SpaceX OA-9 on 20 May 2018. Integrated ARISS-MarconISSta safety work is ongoing with Lou McFadin and others. An agreement of cooperation between ARISS and the MarconISSta project is being developed by ARISS and the Technical University of Berlin. The agreement is awaiting final review by, and signatures from, ARISS, MarconISSta, and ESA. This agreement offers ARISS access to the experiment data as well as the possibility of a hardware hand-over to ARISS after the experiment ends.

**6. Details on New SSTV Award—Armand Budzianowski, SP3QFE**

[Informational]

Summary: Ham operators enjoy collecting diplomas and awards and Armand Budzianowski has been handling the ARISS SSTV awards.

Discussion:  Oliver Amend reported that Armand Budzianowski could not attend the meeting due to work obligations, but noted that the deadline for claiming the award is May 15. The award is popular and one participant has already received the award. A thank you goes to Armand Budzianowski and the Polish team.

ARISS SSTV awards were established with the cooperation of ARISS International, S.P. Korolev Rocket and Space Corporation Energia, and the Polish Amateur Radio Union. Slawomir Szymanowski created the award and he is the award manager for this event, responsible for sending the electronic version of the award after final verification of the application form. Awards are granted only for images uploaded to the archive at [http://www.spaceflightsoftware.com/ARISS\_SSTV/index.php](https://exchange.arrl.org/owa/redir.aspx?C=HhPK1Sk6_GIrniRynlWXuCKJkhry-xG2tpPNl080BeY7P3nVVqTVCA..&URL=http%3a%2f%2fwww.spaceflightsoftware.com%2fARISS_SSTV%2findex.php" \t "_blank).

**Ad hoc**

Update on ARISS Ops Web pages—Dave Taylor, W8AAS

Dave Taylor is in the process of changing the login for the ARISS Operations web site. He sent an email in early April to ARISS-I and ARISS-Ops to explain about needing an up-to-date list of who has access to the site. This is because ARISS must be compliant with the various privacy rules that have been put in place around the world. He has given the new login credentials to 39 people. When people open the Ops web page, they see an announcement explaining that at the end of this month, old credentials will not work and to email Dave Taylor for further details.

Committee Reports Due May 2, 2018—Rosalie White, K1STO

All ARISS-International and ARISS Ad hoc committee reports are due on May 2 except for the ARISS-International Operations Committee report and the ARISS Ad-hoc HamTV Team report, which were submitted recently in recent months. Two reports are required to be submitted per year, and the next reports due after May will be in October for the face-to-face meeting.

**Next Meeting**

The next meeting will be May 15, 2018.

Respectfully submitted,

Rosalie White

April 19, 2018