

# **Journal of ARISS-International Motions**

## **A Running List - Newest Actions at the Top**

List was begun at the 2015-08-20/23 ARISS-International Meeting

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### **2016-7-19 ARISS-International Meeting -Motions**

Rosalie White moved that the June meeting minutes sent to delegates on 06.29.2016 be accepted, and Frank Bauer seconded, and with no one commenting further, the minutes are approved.

Rosalie White moved that scheduled report (distributed in an email on July 7, 2016) on the ARISS-International Educational Outreach & School Selection Committee be accepted. Dave Taylor seconded this; and as there were no further comments, Frank Bauer stated that the report is approved. The report was contained in the June meeting minutes.

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### **2016-6-21 ARISS-International Meeting -Motions**

Dave Taylor moved that the May meeting minutes sent to delegates on 06.05.2016 be accepted, and Keigo Komuro seconded, and with no one commenting further, Rosalie White stated that the minutes are approved.

Keigo Komuro moved that scheduled report (distributed June 3, 2016) on the ARISS Ad-hoc HamTV Technical Team be accepted. Graham Shirville seconded this; and as there were no further comments, Rosalie White stated that the report is approved.

Rosalie White moved to accept the report on the Tim Peake Principia Mission prepared by Ciaran Morgan, which was sent to Delegates on June 13, 2016. Bertus Husken seconded the motion, and Rosalie White stated that the report is approved.

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### **2016-5-17 ARISS-International Meeting -Motions**

Rosalie White moved that the April meeting minutes sent to delegates on 04.29.2016 be accepted, Keigo Komuro seconded, and with no one commenting further, Frank Bauer stated that the minutes are approved.

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### **2016-4-19 ARISS-International Meeting -Motions**

Rosalie White moved that the March meeting minutes sent to delegates on 03.29.2016 be accepted, Keigo Komuro seconded, and with no one commenting further, Frank Bauer stated that the minutes are approved.

Rosalie White moved that scheduled report (distributed April 18, 2016) on the ARISS-International Sustainability & Funding Committee be accepted. Oliver Amend seconded this; and as there were no further comments, Frank Bauer stated that the two report is approved.

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### **2016-3-15 ARISS-International Meeting -Motions**

Rosalie White moved that the February meeting minutes sent to delegates on 02.29.2016 be accepted, Dave Taylor seconded, and with no one commenting further, Frank Bauer stated that the minutes are approved.

Rosalie White moved that scheduled report (distributed March 3, 2016) on the ARISS-International PR Committee and the scheduled report (distributed February 21, 2016) on the ARISS Ad-hoc HamTV Technical Team be accepted. Oliver Amend seconded this; and as there were no further comments, Frank Bauer stated that the two reports are approved.

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### **2016-2-15 ARISS-International Meeting -Motions**

Rosalie White moved that the January meeting minutes sent to delegates on 01.25.2016 be accepted, Gaston Bertels seconded, and with no one commenting further, Frank Bauer stated that the minutes are approved.

Rosalie White moved that the final draft Terms of Reference for the ARISS-International Technical Evaluation & Support Committee [and its Proposal Submission Requirements] dated February 4, 2016 and sent to Delegates on February 7, 2016 for review, be accepted; were seconded by Gaston Bertels; and as there were no further comments, Frank Bauer stated that the committee's Terms of Reference are approved.

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## **2016-1-19 ARISS-International Meeting - no motions were made**

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## **2015-12-15 ARISS-International Meeting - Motions**

A few days before the meeting (on 2015-12-10), Stefan Wagener suggested this motion in his email: "I would like to bring this motion forward for all delegates to vote on via email. When you bring it forward, I will need one other delegate to second the motion and if there are no discussions on the motion we can vote via email. I believe this is time sensitive and we should give the delegates one week to respond. NO response is indicated as abstaining, yes and nos are recorded, simple majority rules :-). Here you go:

The ARISS International Board and Delegates acknowledges the Principia mission as being an important ESA mission also involving amateur radio and ARISS and move that the regional limits on contacts be relaxed for this occasion so that the UK ARISS team is permitted to facilitate scheduled ARISS contacts with all ten shortlisted UK schools previously selected in collaboration with the UK ARISS team, the UK Space Agency, the European Space Agency and the UKs National STEM Academy.

Thank you,  
Stefan"

Ian MacFarquhar emailed (on 2015-12-10): "I would second the motion.  
Ian MacFarquhar VE9IM"

After discussion at the 2015-12-15 telecon meeting, Stefan Wagener emailed (on 2015-01-05): "I have decided to withdraw my motion!

However, based on RR (Robert's Rules) since the motion has been stated by the chair (motion was presented), the approval by delegates is necessary. Therefore I officially request the delegates for permission to withdraw the motion. Since I do not have the emails of the delegates (only), I kindly request that the secretary poll the delegates (only) for permission to withdraw the motion.

Thank you,  
Stefan, VE4NSA"

By 2015-01-17, a majority of Delegates emailed "aye" votes to approve the withdrawal of the motion by Stefan.

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## **2015-11-17 ARISS-International Meeting - no motions were made**

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## **2015-10-20 ARISS-International Meeting - no motions were made**

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## **2015-09-15 ARISS-International Meeting - no motions were made**

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## **2015-08-20/23 ARISS-International Meeting in Tokyo, Japan -- Motions**

Stefan Wagener took his earlier motion off the table to dissolve the ARISS-International Technical Committee.

Related to the 8th motion, Frank will send formal recognition to each ARISS Technical Mentor and each ARISS Telebridge Station Operator.

The following motions were discussed and received Delegates' unanimous votes or a majority of the Delegates votes, as follows:

On the motion of Stefan Wagener, seconded by Keigo Komuro, the agenda was unanimously accepted.

On the motion of Stefan Wagener, seconded by Rosalie White, Frank Bauer is to set up an ARISS ad hoc committee to continue work on ideas such as those in Lou and Kerry's presentation.

On the motion of Stefan Wagener, seconded by Rosalie White, the ARISS-International Administrative Committee will be dissolved since it is the same entity as the ARISS Board (the ARISS International Officers).

On the motion of Stefan Wagener, seconded by Ian MacFarquhar, the ARISS-International Technical Committee and the ARISS-International Project Selection & Use Committee will be dissolved, because they have the same members and the same duties and the committee names do not describe their duties; in their place, a new committee will be established with the name to be determined.

On the motion of Emanuele D'Andria, seconded by Stefan Wagener, the ARISS Board will set up a schedule for each ARISS-International Committee and each ARISS Ad hoc Committee to be required to

prepare a report for ARISS-International teleconference meetings in order to further improve communication among the team.

On the motion of Rosalie White, seconded by Stefan Wagener, the ARISS International Delegates Meeting in 2016 will be held in Houston, Texas, as it will be the 20<sup>th</sup> anniversary for the establishment of ARISS.

On the motion of Emanuele D'Andria, seconded by Rosalie White, with the ARISS International Team recognizing the fine achievements of the HTT (HAMTV Technical Team Ad hoc Committee), the ARISS International Team requests that the HTT additionally offer technical advice in regard to outreach possibilities being considered, for example for the HAMTV slide show for the Nespoli mission.

On the motion of Rosalie White, seconded by Keigo Komuro, with the knowledge that the ARISS Technical Mentors and the ARISS Telebridge Stations perform an inordinate amount of tremendous work for ARISS, the ARISS Delegates heartily thank each ARISS Technical Mentor and each ARISS Telebridge Station Operator.

On the motion of Stefan Wagener, seconded by Ian MacFarquhar, and based on the fact that the current ARISS radio system in the Columbus module is not as capable as it could be, ARISS team members are authorized under the leadership of Lou McFadin to pursue the plan for Interoperable Radio Systems presented to the August 5, 2015 ARISS-International Project Selection & Use Committee meeting with the following additions:

1. Development of a detailed project plan to accomplish the design, development, fabrication, reviews, certification, and operation of the system as described below. This project plan must address funding, both the estimated costs to complete as well as the method to raise funds.
2. Communicate details to ESA with respect to the current request for a dedicated PPS. Particularly of note is the potential to not need the PPS after the LVPS is operational on-orbit. This PPS is still needed in the short term for operation of Ham TV.
3. Report status back to ARISS-I at the October monthly teleconference.

On the motion of Stefan Wagener, seconded by Ian MacFarquhar, the ARISS team hopes to engage students in hands-on activities, and so authorizes ARISS team members under the leadership of Ciaran Morgan to further develop a plan for the Astro-Pi SlideShow Prototype presented to the August 5, 2015 ARISS-International PS&U Committee meeting with the following additions:

1. Identification of necessary agreements that would allow the Astro-Pi units (when on orbit) to be re-used by ARISS to prove feasibility of the SlideShow System. Items to be included are:
  - a. Availability of all system documents to ARISS team members responsible for developing, using, and maintaining systems.
  - b. Partnership requirements from all sides (ARISS, the Raspberry Pi Foundation, and ESA Education).
2. Identification of ARISS-specific configuration, to include:
  - a. Power options
  - b. Required connections
  - c. System block diagram
  - d. Capability to upload from the ground or develop on-orbit updated software and/or pictures via MicroSD card or Ethernet (see also item 7 below).

3. Identification of the approach to up mass the necessary hardware (currently identified as connecting cable and micro SD card) required to use Astro-Pi hardware as the ARISS SlideShow system for use with the Ham Video system.
4. Development of, and agreement on, establishing the safety case for the connection of two individually certified items of equipment that exist on orbit (Astro-Pi and Ham Video transmitter).
5. Identification and resolution of specific technical issues concerning the Raspberry Pi encountered by the ARISS team members developing the SlideShow capability.
6. Feasibility of early, on-orbit, validation of the prototype SlideShow software. This may include the opportunity to re-use the AstroPi while Peake is in orbit or after he has departed the ISS.
7. Explore and identify collaboration opportunities with the Raspberry Pi Foundation in the identification of and proposal for a route to network certification and connection of a Raspberry Pi on orbit.
8. Identification of required flight operations procedures.
9. Report status back to ARISS-I at the October monthly teleconference.

On the motion of Rosalie White, seconded by Emanuele D'Andria, the ARISS team hopes to offer new projects to interest amateur radio operators, and authorizes the ARISS-International Project Selection & Use Committee to further develop the plan for the Slide Show Module presented to the August 5, 2015 ARISS-International PS&U Committee meeting with the following additions:

1. Development of a detailed project plan to accomplish the design, development, fabrication, reviews, certification, and operation of the Slide Show Module as described to the PSU Committee. This project plan must address funding, both the estimated costs to complete as well as the method to raise funds, as well as follow the submission approval template.
2. Define process for updating software and images to the unit on-orbit.
3. Evaluate the pros and cons of Art Towslee's Slide Show module (with pictures updated via Ethernet connection or USB port per 2. above) as compared to the Ham TV Technical Team concept for a slide show/beacon module once the details of that HTT concept is presented to the PSU Committee.
4. Report status back to ARISS-I at the October monthly teleconference.