

# ARISS Proposal Webinar

Presented by

AMSAT – Radio Amateur Satellite Corporation

ARRL – The National Association for Amateur Radio



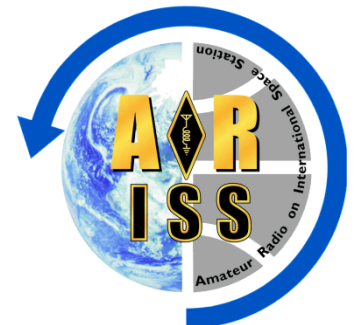
# Introductions

Session Host (11 Oct)

John Kludt, K4SQC, ARISS Technical Mentor

## The ARISS–US Management Team

- Frank Bauer, KA3HDO, AMSAT VP, Human Spaceflight and ARISS Program Chairman
- Dave Taylor, W8AAS, AMSAT Delegate to ARISS International
- Rosalie White, K1STO, ARRL Delegate to ARISS International



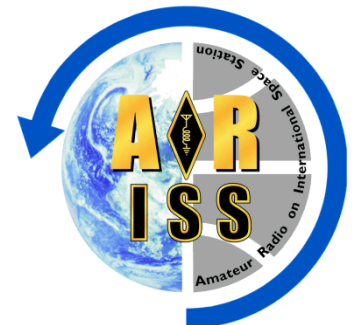
# Introductions

Session Host (23 Oct)

Dave Jordan, AA4KN, ARISS Technical Mentor

## The ARISS–US Management Team

- Frank Bauer, KA3HDO, AMSAT VP, Human Spaceflight and ARISS Program Chairman
- Dave Taylor, W8AAS, AMSAT Delegate to ARISS International
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# The ARISS Program Partnership

## US Partners

AMSAT: Radio Amateur Satellite Corporation

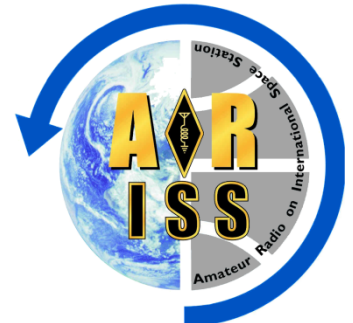
ARRL: The National Association for Amateur Radio

NASA

Center for Advancement of Science in Space (CASIS)

## International Partners

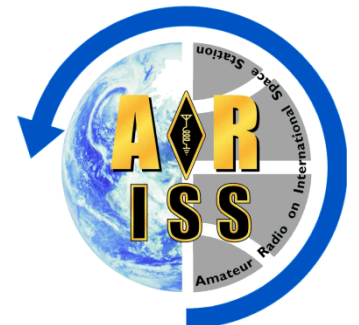
Amateur Radio organizations and Space Agencies  
in Europe, Canada, Japan, and Russia





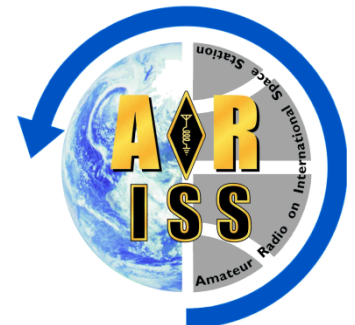
# Webinar Goals

1. Answer questions about the ARISS program
2. Answer questions about the ARISS proposal process



# ARISS Goals

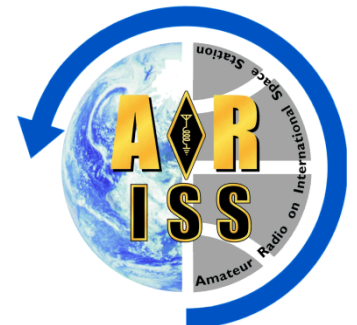
- Inspire an interest in science, technology, engineering and math (STEM) subjects and in STEM careers among young people
- Provide an educational opportunity for students, teachers and the general public to learn about space exploration, space technologies, radio science, wireless technology and Amateur Radio
- Provide an opportunity for amateur radio experimentation and evaluation of new technologies
- Provide a contingency communications system for NASA and the ISS crew
- Provide crew with another means to directly interact with a larger community outside the ISS, including friends and family



# Typical ARISS Activity Levels

- In 2017, ARISS supported 81 contacts internationally, 27 of which were in the US
- On average, the program is able to schedule 60-90 contacts each year

Contact opportunities depend heavily on participation and availability of licensed crew members



# The Proposal Process

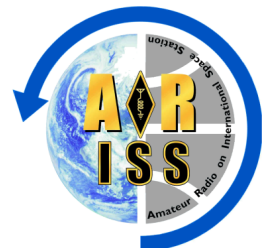
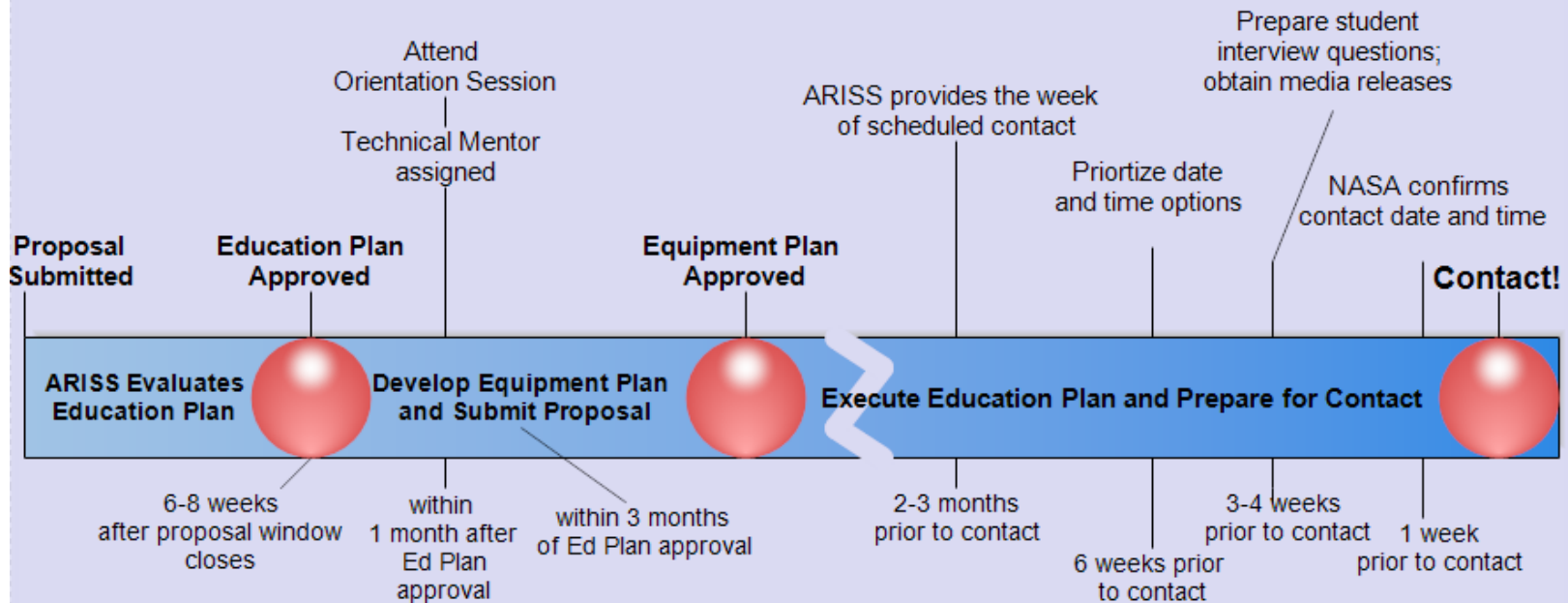
**Step 1:** Develop an Education and Media Outreach Plan

**Step 2:** Decide on the type of contact that will be feasible – Direct or Telebridge – and develop an Equipment Plan



# The Proposal Timeline

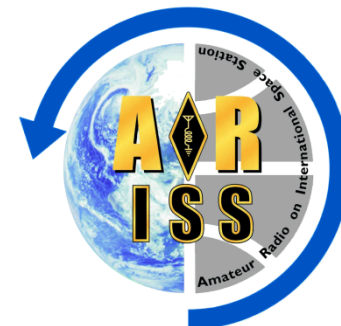
## The ARISS Proposal and Implementation Process





# Key Dates

Proposal / Education Plan due	November 30, 2018
Proposal acceptance announced	By January 15, 2019
Equipment Plan due	April 15, 2019
Contact window for selected organizations	July 1, 2019 – December 31, 2019



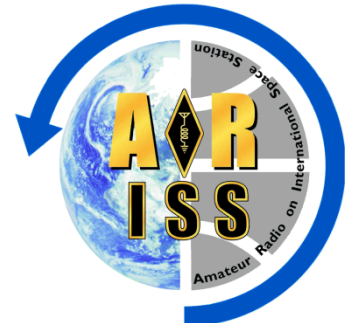
# More Information

[www.ariss.org](http://www.ariss.org)

[www.amsat.org](http://www.amsat.org)

Contact us at [ariss.us.education@gmail.com](mailto:ariss.us.education@gmail.com)

Find the Proposal Guide and Proposal Form at:  
[www.ariss.org/hosting-an-ariss-contact-in-the-us](http://www.ariss.org/hosting-an-ariss-contact-in-the-us)



# Questions?

