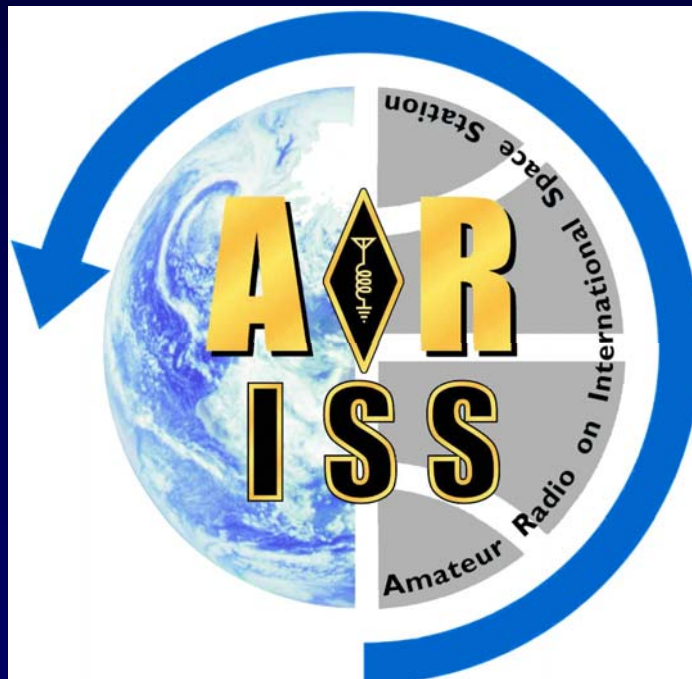


# Current Plan for SSTV On ISS



**ARISS International  
Partner Meeting  
July 18, 2008**

**Frank H. Bauer, [ka3hdo@amsat.org](mailto:ka3hdo@amsat.org)**

# 2008 Space Flight Participant Richard Garriott



**Richard Garriott**  
**W5KWQ**

## Proposed ARISS Activities:

- Earth-view SSTV downlinks—up to 50 Earth views per day
- School contacts—2 Challenger Centers, 2 international and 2 domestic
- Owen Garriott, W5LFL, 25<sup>th</sup> anniversary commemorative ham contacts
- Support needed: SSTV picture reception (multiple stations), collection & sorting and web distribution

*Planned Launch—Oct 2008*

# Where We Are

## General

- **Use of a computer has been problematic, at best, impacting the ability to support the SSTV software solution**
  - **Sergey worked to get a computer delivered on ISS; this computer is a prime capability for the Space Flight Participants and Backup for ARSS**
- **SSTV cable was missing. Not sure if one needs to be upmassed to ISS**
- **Still need to debug the SSTV issues observed on-orbit**

## Richard Garriott's Flight

- **Richard will use the computer almost exclusively for high definition Earth Observations, precluding ARISS use for SSTV**
- **An SSTV hardware solution was determined to be the best opportunity for Richard's flight; hardware space qualified and has been delivered to Space Adventures.**

# SSTV—Current Capability



SpaceCam 1 H/W & S/W

VC-H1 SSTV  
Hardware Solution