



# ISS SSTV

August 6<sup>th</sup> and August 7<sup>th</sup> the International Space Station will be transmitting Slow Scan TV photos.

The schedule is:

August 6<sup>th</sup> from 1050 to 1910 UTC,

August 7<sup>th</sup> from 0950 to 1555 UTC.



# From ARRL NEWSLETTER

## July 29, 2021

- More Slow-Scan TV Transmissions from RS0ISS Scheduled
- Friday and Saturday, August 6 - 7, Russian cosmonauts on board the International Space Station (ISS) will transmit slow-scan television (SSTV) images from the station on 145.800 MHz FM. They will use SSTV mode PD-120.
- The transmissions are part of the Moscow Aviation Institute SSTV experiment (MAI-75) and will be sent via RS0ISS, the ham station in the Russian Zvezda (Service) module using a Kenwood TM-D710 transceiver.
- The announced schedule is August 6, 1050 - 1910 UTC; August 7, 0950 - 1555 UTC. Dates and times are subject to change. For stations in the ISS footprint, the RS0ISS signal should be easy to copy on a handheld transceiver and a quarter-wave whip. Use 25 kHz channel spacing, if available.
- Free ISS software is available to download. Pass predictions are available from AMSAT (<https://www.amsat.org/track/>). Representative images from prior ISS SSTV events are available in the ARISS SSTV Gallery ([https://www.spaceflightsoftware.com/ARISS\\_SSTV/index.php](https://www.spaceflightsoftware.com/ARISS_SSTV/index.php)).



# SSTV Image Rcvd by K4OMD

 **Amateur Radio on the ISS, Mir and Shuttle**  
Любительское радио на МКС, Мир и Шаттл



*Owen Garriot W5LFL - STS 9*

**RSOISS NA1SS** 18 серия 1/12

- 
- There will be a 4 to 5 day event in September when the ISS will be transmitting SSTV images continuously.
  - Use this two day test run in August to get set up and get used to how to capture the SSTV images and be prepared for the main event in September.
- 

# What do I need?

- A 2 meter FM receiver,

AND

- Either a PC with a microphone, and MMSSTV installed to decode the SSTV images.

OR

An Android Smart phone with ROBOT36 installed to decode the SSTV images.

# How to Capture ISS SSTV ?

- Use the ISS Tracker to find passes during the SSTV transmission schedule.
- Tune FM receiver to 145.800MHz
- Place the Microphone or Smart phone in front of the speaker
- Run MMSSTV (on PC), or run ROBOT36 on your smart Phone.
- Save the Image(s) you capture.
- You can upload your image(s) to ARISS and receive a certificate.

## Amateur Radio on the ISS, Mir and Shuttle Любительское радио на МКС, Мир и Шаттл



### ARISS SSTV Award

№ 181104

**Richard Quick W4RQ**

Received SSTV images commemorating amateur radio activity from space. The images were sent via an amateur radio system installed on the Russian Segment of the International Space Station.

Принял SSTV изображения с МКС, посвященные радиоловительской деятельности из космоса. Изображения были отправлены через радиоловительскую систему установленную на Российском сегменте Международной космической станции.

**Руководитель Радиоловительской  
Деятельности на МКС**  
Сергей Самбулов RV3DR

**ARISS International Chair**  
Frank Bauer KA3HDO

**ARISS Europe Chair**  
Oliver Amend DG6BCE

**RSOISS Операторы - космонавты**  
Олег Новицкий  
Пётр Дубров

**Mentor ARISS Europe**  
Armand Budzianowski SP3QFE

**ARISS SSTV Award Manager**  
Stawomir Szymanowski SQ300K




**RSOISS NA1SS**

June 21 - 26, 2021



design - SQ300K


**Amateur Radio on the International Space Station  
Любительское радио на борту Международной космической станции**



ARISS CERTIFICATE from  
[https://www-spaceflightsoftware-com.translate.google.com/translate/g/ARISS\\_SSTV/submit.php?  
\\_x\\_tr\\_sl=auto&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=en-US&\\_x\\_tr\\_pto=ajax,se,elem](https://www-spaceflightsoftware-com.translate.google.com/translate/g/ARISS_SSTV/submit.php?_x_tr_sl=auto&_x_tr_tl=en&_x_tr_hl=en-US&_x_tr_pto=ajax,se,elem)

# RESOURCES

- <https://amsat-uk.org/beginners/iss-sstv/>
- <https://www.amsat.org/track/>
- <https://issfanclub.eu/2021/07/27/news-mai-75-sstv-announcement/>
- [https://www-spaceflightsoftware-com.translate.google/ARISS\\_SSTV/submit.php?\\_x\\_tr\\_sl=auto&\\_x\\_tr\\_tl=en&\\_x\\_tr\\_hl=en-US&\\_x\\_tr\\_pto=ajax,se,elem](https://www-spaceflightsoftware-com.translate.google/ARISS_SSTV/submit.php?_x_tr_sl=auto&_x_tr_tl=en&_x_tr_hl=en-US&_x_tr_pto=ajax,se,elem)
- <https://www.jeffreykopcak.com/2015/04/16/getting-started-with-mmsstv/>

- 
- Created July 31, 2021  
by  
Rich W4RQ  
&  
Phil K4OMD
- 