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- Home
- Forums

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- Home
- Forums
- QRZ Newsroom
- Amateur Radio News

ISS SSTV active on 145.800 MHz FM in April



G4TUT
Ham Member

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ISS SSTV active on 145.800 MHz FM in April

The International Space Station (ISS) amateur radio Slow Scan Television (SSTV) transmissions on 145.800 MHz FM are expected to be activated over several days in April

The Inter-MAI-75 SSTV experiment should be active on:

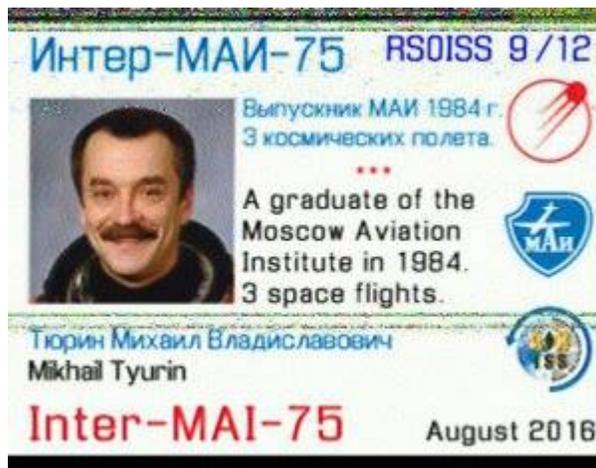
- Monday, April 2 from 15:05-18:30 UT
- Tuesday, April 3 from 14:15-18:40 UT

SSTV is also expected be active from April 11-14 world wide as part of Cosmonautics Day which takes place on April 12. Detailed times are still being worked into the schedule and will be published later. Images will be related to the Interkosmos project <https://en.wikipedia.org/wiki/Interkosmos>

The SSTV images will be transmitted on 145.800 MHz FM using the Kenwood TM-D710 transceiver located in the Russian ISS Service module. It is expected they will use the PD-120 SSTV format.

Note the ISS transmissions use the 5 kHz deviation FM standard rather than the narrow 2.5 kHz used in Europe. If your transceiver has selectable FM filters try using the wider filter. Handheld transceivers generally have a single wide filter fitted as standard and you should get good results outdoors using just a 1/4 wave whip antenna.

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BENEFITS



ISS SSTV MAI-75 image 9/12 received by Chertsey Radio Club on Baofeng handheld

The ISS Fan Club site will show you when the space station is in range <http://www.issfanclub.com/>

ISS SSTV information and links at <https://amsat-uk.org/beginners/iss-sstv/>

Listen online to the ISS when it is over Russia with the R4UAB WebSDR <http://websdr.r4uab.ru/>

Listen online to the ISS when it is range of London with the SUWS WebSDR <http://farnham-sdr.com/>

Please note that the event is dependent on other activities, schedules and crew responsibilities on the ISS and subject to change at any time. You can check for updates regarding planned operation at: ARISS SSTV blog and picture gallery <https://ariss-sstv.blogspot.com/>
ISS Ham <https://twitter.com/RF2Space>
AMSAT Bulletin Board <http://www.amsat.org/mailman/listinfo/amsat-bb>

If you receive a full or partial picture from the Space Station your Local Newspaper may like to know <http://www.southgatearc.org/news/2016/july/now-is-a-great-time-to-get-ham-radio-publicity.htm>

The RSGB produce a handy Media Guide and Template press release for anyone to download and adapt, see <http://rsgb.org/main/clubs/media-guide-for-affiliated-societies/>

An example of the publicity you can get for the hobby by telling your Local Newspaper <https://amsat-uk.org/2015/04/15/iss-sstv-in-the-press/>

<http://www.southgatearc.org/news/2018/march/iss-sstv-active-in-april.htm>



G4TUT, Wednesday at 10:08 AM

#1

W4RAV and KF5RHI like this.



KC8VWM

Moderator

Staff Member

Volunteer Moderator

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I recorded this short video demonstration of an SSTV transmission during an ISS pass in July of last year.

KC8VWM - International Space Station

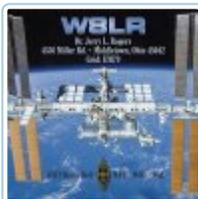


I'm looking forward to capturing the Inter-MAI-75 SSTV experiment in a few days.

KC8VWM, Wednesday at 3:33 PM

#2

K0PJS likes this.



W8LR

Ham Member

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Guess I will be standing outside with my trusted Arrow antenna, laptop, and TH-D72A HT - making all the neighbors wonder what I am doing (lol)

W8LR, Yesterday at 12:10 AM

#3



KG5THG
XML Subscriber

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Looking forward to using the HT with an arrow antenna and the robot36 phone app to decode the pictures.

KG5THG, Yesterday at 2:54 AM

#4



KD6VXI
Ham Member

[QRZ Page](#)

Isn't this a case of where a turnstile mounted a (quarter or a half wave) above a ground plane would be a good antenna?

I seem to recall that being the hot ticket in the 80s for satellite...

--Shane
KD6VXI

KD6VXI, Yesterday at 3:49 AM

#5



KF5RHI
Ham Member

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I'll be in the parking lot at work with my HT and my iPhone running the Black Cat Systems SSTV app.

KF5RHI, Yesterday at 2:56 PM

#6

[W6KKO](#) likes this.



W6KKO
Premium Subscriber

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Other than using a remote receiver when the ISS is overhead of that location, I am unclear how I would capture any of the Inter-MAI-75 transmissions here in California...and then some, based on the brief TX schedule and the footprint of the ISS for that duration. Hopefully they let it keep going the full two days instead of the off time.

I am hopeful that the Cosmonauts Day transmissions (April 11-14) will operate longer, typical of past ISS SSTV events.

W6KKO, Yesterday at 6:54 PM

#7

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