



MMSSTV FOR SENDING AND RECEIVING IMAGES ...IT'S NOT JUST FOR ISS

ED OTTO, W3ETO

2 SEP 25

EQUIPMENT

- Any Windows PC (I don't use iThings)
- Most any radio capable with FM reception (Baofeng HT -> Full Shack Rig
- The better the antenna, the better the images
 - Yagi, $\frac{1}{4}$ Wave Ground Plane, QFH, to an HT whip.
- Good Copy of MMSSTV program from a know website.
 - Downloads can be tricky these days



MY RIGS FOR SSTV

- ICOM 2730a with a Digi Rig that plugs into the radio Mic and back Audio Jack
- YAESU FT-991A (All in one radio HF, VHF/UHF/C4FM, Sound card, Tuner)



GOOD COPY OF 2010- MMSSTV 1.13A • Works from Win 7 to 11

<https://hamsoft.ca/pages/mmsstv.php>



RTTY

MM HAMSOFT

SSTV

Site Provided by [VE5KC](#) & [Kteck Webs](#)



[Home](#)

[About](#)

[MMTTY](#)

[MMSSTV](#)

[What's New](#)

[SSTV Primer](#)

[Quick Start Graphics](#)

[Slant Adjust](#)

[Repeater](#)

[MMSSTV_YONIQ](#)

[MMVARI](#)

[MMANA-GAL](#)

[DSP-Filter](#)

[Extras & Add On](#)

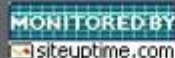
[Interfacing](#)

[Programmers](#)

[Contact & Support](#)

[Donations](#)

Search



MMSSTV BY

JE3HHT - Makoto Mori

Slow Scan TV with Windows and Soundcard
WinXP - Vista - Win7

"MMSSTV is free for Amateur Radio Use"



[Click for full screen view](#)

Please use the Groups.io to request help!

[See the Contact and Support page](#)

Webmasters: Please Do Not link to files from your website!

Downloads

MMSSTV Ver 1.13A
September 29, 2010

[MMSSTV113A.exe](#)
(Full Version - 2.5 mb)

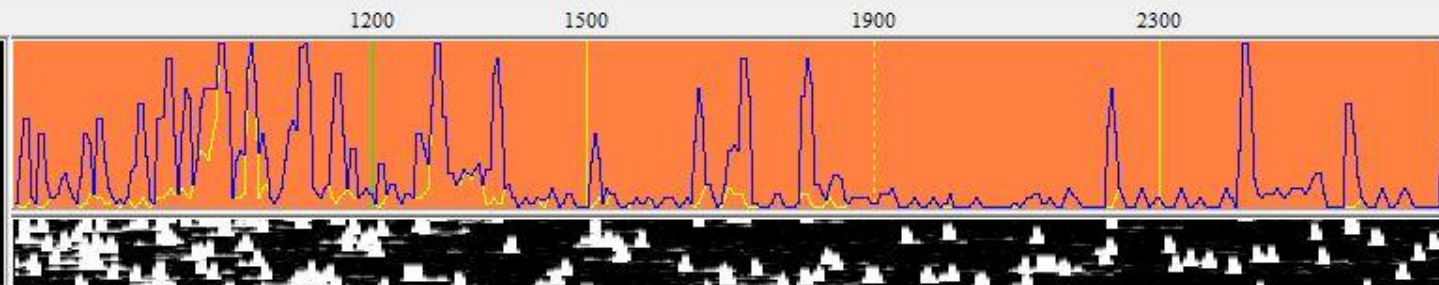
[What's New in Ver. 1.13A](#)

Sync RX History TX Template



RX Mode

Auto
PD120
Robot 72
Robot 36
Scottie 1
Scottie 2
ScottieDX
Martin 1
Martin 2
MR73



Log

Call His 595 My
Name Qth
Note
QSL

RxID

TxID

ABC ☐

DSP

AFC LMS

QSO

Data

Find

Clear

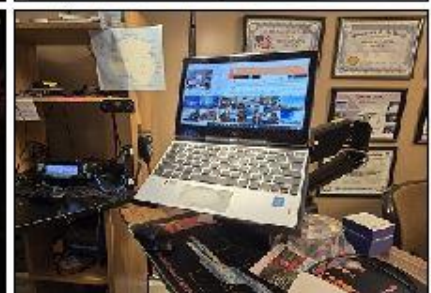
List

14.230

S.pix S.templates 1 2 3 4

☐ Show with template☐ Draft

3/25



ONLY A FEW SETTING TO CHANGE

- In Setup:

The screenshot shows the 'Setup MMSSTV' dialog box with the 'RX' tab selected. The 'Sound Card' section has 'In' set to 'Microphone (7- USB PnP Sound...)' and 'Out' set to 'Speakers (7- USB PnP Sound...'. The 'FIFO' section has 'RX' set to 12 and 'TX' set to 8. The 'Priority' section has 'Critical' selected. The 'Source' section has 'Mono' selected. The 'Clock' section has '11025.00 Hz' and 'Tx offset' set to '0.00 Hz'. The 'WaterFall' section has 'L' and 'H' sliders. The 'History max.' is set to 128. The 'JPEG' section has 'Quality' set to 100%. The 'System Font' section has 'Window' set to 'Times New Roman' and 'Size' set to 0. The 'FFT' section has 'Background' set to orange, 'Signals' to yellow, 'Trails' to blue, 'Sync marker' to green, and 'Freq marker' to yellow. The 'Priority of MMSSTV' section has 'Higher' selected. The 'Save window location' and 'Always use DIB' checkboxes are unchecked. The 'OK' and 'Cancel' buttons are at the bottom.

The screenshot shows the 'Radio command' dialog box. The 'Port definition' section has 'Port' set to 'COM4', 'Baud' set to '19200', and 'Char. wait' set to '0 ms'. The 'Data length' is set to '8bits', 'Stop' is set to '1bit', and 'Parity' is set to 'None'. The 'flow control' section has 'XON/XOFF' checked. The 'DTR/RTS' section has 'PTT' checked. The 'Commands' section has 'Init' set to 'xx=04', 'Rx' set to '\$FEFExxE01C0000FD', and 'Tx' set to '\$FEFExxE01C0001FD\\w10'. The 'VFO polling' section has 'ICOM CI-V' selected and 'Scan addr.' unchecked. The 'Polling interval' is set to '1 s'. The 'Icom xx=addr 01-7F' dropdown is at the bottom left, and 'Load', 'Save', 'OK', and 'Cancel' buttons are at the bottom right.

Your Radio will differ this is for my ICOM 2370A – with a Digirig

DEMO

- Walk thru MMSSTV Features
- Video Demonstration of capturing Partial and Full SSTV Images from the ISS
 - <https://youtu.be/xEYb4R9dGxE?feature=shared>
- Questions



REMEMBER

- Dick, WA3USG, hosts a beginners DIGI-Net specifically using MMSSTV and other encoders/decoders
- He can easily get you started and working...even an HT
- Nets will begin in the Fall on Sunday's at 7PM on the .43 Repeater

