

North Florida ARES Group – SSTV PRIMER

How to get started with SSTV

Step 1: Watch this YouTube Video to get an idea on how we can use your SignalLink and your mobile phone (or tablet) to take pictures of emergency events. ARES can then use the SSTV App to immediately send out pictures of critical info to Emergency Response Personnel.

CommsPrepper SSTV Concept Video

<https://youtu.be/CWg6s4gzrll>

Step 2: Download SSTV Decoding Software for your Computer and Phone:

Recommended SSTV Decoding Software

For iOS use “CQ SSTV” for iPhone & iPad

http://www.blackcatsystems.com/ipad/iPad_SSTV_Pad.html

For Android use “Robot36”

<https://play.google.com/store/apps/details?id=xdsopl.robot36&hl=en>

For Windows use “c” (see AMSAT UK link below for setup)

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

For Mac OS X use “Multiscan 3B SSTV” (not verified)

<http://www.qsl.net/kd6cjl/>

Step 3: Watch this Video for Basic Set Up Settings For MMSSTV. Note the Mobile Phone SSTV software is much easier to learn

Basic Set Up Settings For MMSSTV

<https://youtu.be/it8OlivRP9Q>

Step 4: Download Solocator - GPS Field Camera App to stamp your photos with location, direction, altitude, date, time. Use this App to take pictures and stamp Images before you send over SSTV to Emergency Response Personnel.

Solocator - Apple iPhone

<https://itunes.apple.com/us/app/solocator-gps-field-camera-to-stamp-photoslocation/id582584117?mt=8>

Solocator - Android Phone

<https://play.google.com/store/apps/details?id=com.solocator&hl=en>

Step 5: Use the SSTV Band Plan (on the next page) to send and receive SSTV Images.

Step 6: Enjoy and have Fun!

Band Plan for Analog & Digital SSTV Calling Frequencies

BAND	FREQUENCY	COMMENT
70 cm: (FM)	430.950 MHz SSB SSTV Call Freq.	
1.25 meters: (FM)	223.850 MHz SSTV Call Freq.	
2 meters: (FM)	144.450 MHz SSTV Call Freq. 145.500 MHz SSTV Call Freq. 144.550 MHz SSB SSTV Call Freq. 145.600 MHz SSTV Call Freq.	Popular Popular
2 meters: (FM)	145.800 MHz - Int'l Space Station	Set Software to SSTV mode PD180 Can be received with handheld amateur radio or scanner, and stock antenna.
6 meters: (FM)	50.680 MHz SSTV Call Freq. 50.950 MHz SSB SSTV Call Freq.	
10 meters: (USB)	28.680 MHz SSTV Call Freq.	Popular
11 meters: (USB)	27.235 MHz Northern Ireland 27.420 MHz Australia 27.700 MHz France, Australia	
12 meters: (USB)	24.975 MHz - Every day	
15 meters: (USB)	21.340 MHz SSTV Call Freq.	Popular
20 meters: (USB)	14.230 MHz SSTV Call Freq. 14.233 MHz SSTV Call Freq. 14.240 MHz Europe SSTV Call Freq.	* Very Popular Popular
30 meters: (USB)	10.132 MHz - Use narrow mode MP73N	
40 meters: (LSB)	7.033 MHz SSTV Call freq. 7.171 MHz SSTV Call Freq. 7.171 MHz Europe DIGITAL SSTV Call Freq. 7.040 MHz Europe SSTV Call Freq. (7043)	Popular
80 meters: (LSB)	3.845 MHz SSTV Call Freq. 3.857 MHz SSTV Call Freq. 3.730 MHz Europe Call Freq. 3.733 MHz Europe DIGITAL SSTV Call Freq.	Popular
160 meters: (LSB)	1.890 MHz SSTV Call Freq.	

Notes: Do not use Audio Compression.

