

Steve's Satellite Cheat-Sheet

Names, Frequencies and Status of ham radio satellites, go to the JAMSAT page at:

- <http://www.ne.jp/asahi/hamradio/je9pel/satslist.htm>
- <http://www.amsat.org/amsat/news/wsr.html>

To Calculate Satellite Pass Information for your location:

- Find your latitude/longitude by browsing: <http://www.geocode.com> and click on the "Test Drive Eagle" link. Enter your address information, then click Show Results. Note your LAT/LON value.
- Set your clock precisely by browsing <http://www.time.gov> then enter the correct time zone. For Georgia, use Eastern Time.
- Download an evaluation copy of Nova For Windows at: http://www.nlsa.com/uploads/nfw21v/nova_21v_download.html
- Download freeware for DOS, Windows, Mac, or Linux at: <http://www.amsat.org/amsat/ftpsoft.html>
- Download Satscape for Windows at: <http://www.satscape.co.uk/>
- Visit this web page and generate pass data online: <http://www.heavens-above.com>
- Use JTrack, NASA's satellite tracker. This link can be configured for ham satellites: <http://liftoff.msfc.nasa.gov/RealTime/JTrack/3d/JTrack3d.html>
- Another Windows sat tracking program called "Orbitron" can be found at <http://www.stoff.pl/>
- Need current Keplerian elements for tracking ham satellites? Go to <http://www.amsat.org/amsat/ftp/keps/current/nasabare.txt>

To Get Help:

- Visit <http://www.amsat.org/amsat/intro/faqs.html>
(For beginners!!)
- Subscribe to the AMSAT-BB Mailing List:
Email: majordomo@amsat.org (Put 'help' in the body of the message on a line by itself)
- For local help, talk to an AMSAT Area Coordinator. The list can be found at: <http://www.amsat.org/amsat/fieldops/AAC.html>
- Listen in on the Houston AMSAT Net at 9PM EST Tuesdays. Download Winamp (<http://www.winamp.com>) and browse: <http://www.live365.com/play/10166>
- Tune into the AMSAT Beginner's Net on the 444.825 Repeater (IRLP linked) Wednesday evenings at 10:00PM EST.
- Tune into the AMSAT HF Net at 2PM EST Sundays. Frequency is 14.282 MHz.
- Like to use Echolink? Connect to the AMSAT conference by downloading and registering with <http://www.echolink.org> and browsing the *AMSAT* conference
- Want to join AMSAT and support this part of the hobby? Fill out our membership application form at <http://www.amsat.org/amsat/amsat-na/membership.html>
- Having trouble working the AO-40 inverting transponder? Check out the "Oscarlator" at <http://www.g6lvb.com/oldtech.htm>
- Want a simple explanation of the different types of satellite orbits? Go to <http://www.akaerospace.com/klc/>

Hardware Resources:

- The Arrow Antenna, a 2 meter/70 cm beam antenna for FM satellite work can be found at <http://www.arrowantenna.com>
- An inexpensive AO-40 S-band receive system (dish + downconverter package) can be found at <http://members.aol.com/k5gna/>

For an electronic copy, browse <http://www.totr-radio.org/w4epi.htm>

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