



W6TRW General Meeting
Roundtable Pizza, 4330 Redondo Beach Blvd, Torrance
Tuesday, June 9th at 5:30 pm
Guest Speaker Charlie Sufana, AJ9N

Amateur Radio on the International Space Station



ARISS

Amateur Radio on the International Space Station

Get ready for the world of Amateur Radio on the ISS: Hams in Space.

Charlie Sufana, AJ9N, will show us his latest status of ARISS and video of a radio contact with an astronaut. AJ9N and ARISS have been inspiring students as an interface between the schools and NASA.

ARISS is run by volunteers from national amateur radio organizations and from International AMSAT with help from space agencies in the USA, Russia, Canada, Japan and Europe. The ARISS program supports the testing and installation of ham radio stations aboard the ISS. Astronauts have the equipment to enable direct communication between themselves and students in the classroom. This is an educational opportunity to learn about space exploration, follow a published orbital schedule and practice basic ham radio contact techniques.

Some ISS crew members make voice contacts with hams during their break from their work schedule. Hear what radios, modes and antennas are aboard the ISS. Find out what Voice Uplink, what VHF Packet Up/downlink and what UHF/UHF Repeater frequencies are used by the astronauts. See if we can make contact with Expedition 43 on Field Day!



AJ9N has a BSEE and MSEE from Purdue University and is retired from Commonwealth Edison, the electric utility serving Chicago. He currently works from home, as a consultant on electric utility power system protection. Charlie is a registered professional engineer in 6 states. He is an active member of the IEEE Power System Relaying Committee