

02-24-21 Introduction to Amateur Radio Satellites -CHAT

Speaker/Presenter: [Douglas Quagliana KA2UPW](#)

View Video: <https://vimeo.com/516919853>

Download Video: <https://vimeo.com/user107547861/download/516919853/dca6d93b30>

Documents: https://www.dropbox.com/sh/bi9az38m5tmc2gr/AAAOEOfOYxQQznjB9R_TTaW6a?dl=0



Past RATPAC Presentations: Published Format- <http://tiny.cc/ratpac-list>

Menu Format- <http://tiny.cc/ratpac-ss>

Text from Presentation Chat

- 18:44:47 From dan w17coo CA SJV SEC to Everyone: Starlink.com and Starlink on Reddit for most recent information.
- 18:54:48 From Michelle W5NYV to Everyone: If you are curious about what TED means, it's a series of talks about Technology, Entertainment, and Design. Here is the home page: <https://www.ted.com/>
- 18:55:23 From Michelle W5NYV to Everyone: The speaker resources from QSO Today are here: <https://www.qsotodayhamexpo.com/speakerresources.html>
- 18:56:06 From Michelle W5NYV to Everyone: That QSO Today speaker resources page links to the "how to talk like TED" here: Ted's Secret to Great Public Speaking - <https://www.youtube.com/watch?v=-FOCpMAww28>
- 19:04:05 From Noel Encarnacion to Everyone: My email said this starts at 6:00pm PST did this start earlier?
- 19:04:35 From Scott KM6RTE Orange, CA to Everyone: What's going on about the AMSAT presentation that was supposed to start 5 minutes ago?
- 19:04:40 From Bob KD8THG Michigan to Everyone: Is this the RATPAC presentation on AMSAT ?
- 19:04:58 From Michelle W5NYV to Everyone: Yes - you are in the right place - the pre-game show is running a bit late.
- 19:05:02 From Pete N2LVI SNJ to Everyone: My email said this was supposed to be Intro to Amateur Radio Satellite
- 19:06:37 From Jim, W2KFV, NLI, SM to Everyone: Thanks for stopping by Ria...best 73
- 19:07:20 From Milt KJ7PPX Idaho to Everyone: Thanks, Ria!
- 19:11:12 From Barry Porter, KB1PA, SFL to Everyone: OSCAR stands for "Orbiting Satellites Saying Amateur Radio"
- 19:11:19 From Barry Porter, KB1PA, SFL to Everyone: Carrying
- 19:13:17 From Michael Fene to Everyone: I apologize ... are we permitted to submit questions
- 19:13:23 From Michelle W5NYV to Everyone: yes of course!
- 19:13:24 From Barry Porter, KB1PA, SFL to Everyone: yes
- 19:14:12 From Michael Fene to Everyone: Douglas....I am interested in more detail about the data and telemetry use; how do I found out more
- 19:14:52 From Dan K7REX Idaho to Everyone: You can submit questions in CHAT - leading it out with Q: so, we are sure to see it.
- 19:15:35 From Dan K7REX Idaho to Everyone: After the presentation we will take raised hands as well.
- 19:15:51 From Barry Porter, KB1PA, SFL to Everyone: g your question Micharl. When it is time, your question will be asked.

19:18:22 From Michael Fene to Everyone: Q: Can we and which birds permit transmission of telemetry

19:27:33 From Michael Fene to Everyone: Q: This is an excellent presentation. Will the slide deck and video recording be available for reviewing?

19:28:06 From Michael Fene to Everyone: Q: The home brew antennas such as the umbrella; can they be used for uplink?

19:28:12 From Barry Porter, KB1PA, SFL to Everyone: yes, he slides will be sent out to all, probably in the morning, from Dan

19:34:53 From Jim, W2KFV, NLI, SM to Dan K7REX Idaho (Direct Message): Harold Kramer, WJ1B is who I was thinking about

19:35:04 From Jim, W2KFV, NLI, SM to Dan K7REX Idaho (Direct Message): Ret COO of ARRL

19:38:01 From Michael Fene to Everyone: Q: Can you speak in more detail about transmitting data and telemetry?

19:40:18 From Michael Fene to Everyone: Q: do each of the various satellites conform to the same downlink telemetry standard?

19:41:17 From Michael Fene to Everyone: Q: can you go into some detail about AX.25 over satellite

19:48:03 From Michael Fene to Everyone: There is a junior high school in Australia where the teachers have document HAM DIY projects for the students; including DIY antenna rotators...etc.

19:49:03 From Michael Fene to Everyone: Specifically Transmitting Telemetry

19:49:08 From Scott KM6RTE Orange, CA to Everyone: Q: I have an extensive background developing, building and operating small satellites, and very interested in helping out AMSAT. I've contacted AMSAT-NA several times but never heard back about how I can help out. Is the Engineering Leadership now open to bringing in people that have lots of experience?

19:49:27 From Mike to Everyone: what is a good FM satellite for a beginner to start out with?

19:49:28 From Pete N2LVI SNJ to Everyone: Q: Can you recommend a good pre-amp? 2m or 440?

19:49:43 From Michael Fene to Everyone: Transmit from ground to satellite

19:51:03 From Michael Fene to Everyone: Q Is doug open to follow-on questions directly

19:52:00 From Michael Fene to Everyone: yes thx

19:52:16 From Michael Fene to Everyone: Can we uplink AX25

19:57:42 From Doug, Lynch, W4DBL, Port Orange, FL to Everyone: Well done and covered a lot of good info in getting started. Thanks,

19:58:46 From Jim, W2KFV, NLI, SM to Everyone: Great job Doug..Thank you...Stay safe

20:01:01 **From Douglas Quagliana to Everyone: dquagliana@gmail.com**

20:02:05 From Michael Fene to Everyone: Michael Fene'; KI6HEF; Carlsbad CA; focus in emergency management / Command and control over HAM freqs; anyone interested in joining the effort entitled: HUMATS - Humanitarian Assistance Tool Set is welcome to contact me.

20:04:00 **From Michelle W5NYV to Everyone: Please come hear Douglas' full talk at Ham Expo in the Space and Satellite track!**

20:04:55 From Douglas Quagliana to Everyone: The cupola background is "30509478486_5fff4559ab_o.jpg" just google ISS Cupola images.

20:06:38 From Michelle W5NYV to Everyone: <https://www.qsotodayhamexpo.com/>

Join our SEC-ARES group for announcements and discussions <https://groups.io/g/SEC-ARES>

Join our NewHams group for same announcements, different discussions <https://groups.io/g/NewHams>

Join our RATPAC group for same announcement, less discussion <https://groups.io/g/RATPAC>

Please be sure to include your name and call sign when registering



RATPAC
Radio Amateur Training Planning
And Activities Committee

ratpac.plan@gmail.com