

07-15-21 VARA FM for Emcomm – CHAT

Topic: VARA FM for Emcomm

Speaker/Presenter: [Oliver Dully, K6OL](#)

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

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Be sure to see future RATPAC Presentation list at bottom of this document

Text from Presentation Chat

- From Jack Younts to Everyone: My name is Henry Younts, KM4RCN
- From Barry Porter, KB1PA, SFL to Everyone: Welcome
- From Kevin KD7DFV AZ to Everyone: JUST PUT MY DRA-36 TOGETHER AND USED IT LAST NIGHT AND TODAY. Works wonderfully with my TM-D710A on WIDE
- From Steve W8AYN Michigan to Everyone: Q: We have tried to get Signalink to work with FT-897 and had no luck - DRA-70 works very easily. We have concluded the FT-897 is a difficult path for the Signalink. Should we try harder?
- From Doug AD7LO, Utah to Everyone: I've been having trouble adjusting my DRA-50
- From Steve W8AYN Michigan to Everyone: Q#2 The FT-897 question is with regard to WIDE. It works fine on Narrow.
- From nancee darling to Everyone: I can use signal link with FT-897
- From Tom W3TDH Montgomery CNTY Maryland to Everyone: Please put the link in chat
- From Mike xe2/n6kzb WDT to Everyone: <https://www.youtube.com/watch?v=1xGncBvWv6U>
- From Mike xe2/n6kzb WDT to Everyone: Google has a wealth of posts and vids on the subject matter.
- From Mike xe2/n6kzb WDT to Everyone: Winlink book of knowledge link: https://winlink.org/content/winlink_book_knowledge
- From Mike N KM6KAQ Altadena to Everyone: I'm up if you need to bounce off me Oliver..
- From Tom W3TDH Montgomery CNTY Maryland to Everyone: ? Do you escape the Windows upgrade troubles if you use a separate sound card?
- From Mike N KM6KAQ Altadena to Everyone: Nope..
- From Mike N KM6KAQ Altadena to Everyone: Microsoft tends to rearrange your sound cards every time it updates.
- From Mike N KM6KAQ Altadena to Everyone: So, just check when vara starts..
- From Mike N KM6KAQ Altadena to Everyone: Or sound modem for that matter.
- From Mike N KM6KAQ Altadena to Everyone: Don't use this with yaesu FT991a.. settings are wrong.. just use VOX
- From Mike xe2/n6kzb WDT to Everyone: Unless you have Command port issues, leave the port at 8300, the default.
- From Mike xe2/n6kzb WDT to Everyone: It is called a TNC because the author wanted that.
- From Kevin KD7DFV AZ to Everyone: A social conventiohen explain its differences
- From Hyman Crippen to Everyone: I need to leave early. Thanks for a taste of VARA!
- From Mike xe2/n6kzb WDT to Everyone: Adios senior
- From Mike N KM6KAQ Altadena to Everyone: It's not me!!!!

- From Mike N KM6KAQ Altadena to Everyone: ROFL
- From Mike xe2/n6kzb WDT to Everyone: Vara FM allows up to 2 Vara FM digis, no more. You do loose throughput with each repeated connection, about 20 to 25%.
- From Jim Price KO6GM CalOES to Everyone: Has anyone written up a procedure for adjusting the levels using "Ping?"
- From Mike xe2/n6kzb WDT to Everyone: Oliver is right on. Ping tends to be more accurate. But autotune is a nice feature and many use it.
- From Mike xe2/n6kzb WDT to Everyone: 2021-07-16 01:51:11 Monitor: K6OLI-4 <-> K6YZF-11 <-> AJ7C-10 S/N: 21.9 dB
- From Jim Price KO6GM CalOES to Everyone: I don't get what the proper levels should be.
- From Mike N KM6KAQ Altadena to Everyone: ok..
- From Mike xe2/n6kzb WDT to Everyone: As long as you see green you are close enough, levels vary from system to system.
- From Mike xe2/n6kzb WDT to Everyone: Any issues a good place to ask is the Winlink Programs group.
<https://groups.google.com/g/winlink-programs-group>
- From Mike xe2/n6kzb WDT to Everyone: Even at 4400 Bps, Vara FM is way beyond 1200/9699 baud packet. WORTH IT.
- From Mike xe2/n6kzb WDT to Everyone: Remember what Oliver said; Vara FM ramps up and down in speed according to conditions and path.
- From Mike xe2/n6kzb WDT to Everyone: The Winlink Express calculations is based on a mid-point, and from the start to the end of the connection. But the time indicated is a great visual too.
- From Jim W2KFB, Long Island to Everyone: Have to run gang...Thank you Oliver. Great info. 73..de..W2KFB
- From Larry ki6bkp cal to Everyone: Q; what about graphics ?
- From John, KC4MEC, VA to Everyone: Could you show AutoTune one more time?
- From Mike xe2/n6kzb WDT to Everyone: Examples of Oliver's signals to XE2BC-11 135 miles away on 145.03:
2021-07-16 02:02:04 Monitor: K6OLI-4 <-> K6YZF-11 S/N: 1.3 dB
2021-07-16 01:54:41 Monitor: K6OLI <-> K6YZF-11 S/N: 3.4 dB
2021-07-16 01:51:12 Monitor: Weak Incoming signal (Unknown) S/N: -0.5 dB
2021-07-16 01:51:11 Monitor: K6OLI-4 <-> K6YZF-11 <-> AJ7C-10 S/N: 21.9 dB
2021-07-16 01:51:09 Monitor: Weak Incoming signal (Unknown) S/N: 0.7 dB
2021-07-16 01:50:43 Monitor: K6OLI-4 <-> AJ7C-10 S/N: 8.3 dB
- From Mike xe2/n6kzb WDT to Everyone: Oliver try XE2BC-11 in Baja and see if you reach it.!
- From John, KC4MEC, VA to Everyone: Fantastic! Thank you very much
- From Mike xe2/n6kzb WDT to Everyone: You are my hero Oliver.
- From Lucian KF6NPG CA to Everyone: Thanks Oliver. Great presentation.
- From Mike xe2/n6kzb WDT to Everyone: The log feature in Vara FM is a great tool. You can see all traffic and its signal strength.
- From KB6USJ Mike to Everyone: Thank You very much, I like it 🍷
- From Mike xe2/n6kzb WDT to Everyone: Traffic Oliver sends to XE2BC-11 is HF auto forwarded should internet go down, via Pactor 4.
- From Barry Porter, KB1PA, SFL to Everyone: Thanks for being here
- From KB9VUJ to Everyone: Your point about the value of Winlink in EMCOMM bears repeating. Sending an ICS-213RR by voice when supporting hospital systems is painful. Imagine a request: "Please send 8 each sphygmomanometers. I spell Sierra Papa..." Then multiply that by 3 pages of similar items.
- From KB9VUJ to Everyone: Adenosine
- From Steve, K4CJX, TN to Everyone: GREAT Answer!
- From Harry Botsford, W7JKV, ARES EC Elko County to Everyone: Can we relay via a KMA-XL VHF to HF gateway?
- From Mike xe2/n6kzb WDT to Everyone: No, Pactor 1 is all it can do.
- From Ron ADØBY Cape Girardeau Missouri to Everyone: Great presentation!! Thanks Oliver!

- From Mike xe2/n6kzb WDT to Everyone: Oh I am sorry Packet is Packet, So yes. I was thinking HF. sorry
- From Thomas W9TDP Wisconsin to Everyone: Thanks. Great presentation.
- From Diana KJ7GVY NV to Everyone: Thank you Oliver! You taught me some new tricks and addressed all the challenges I came upon. Am NCS station for Net now.
- From KB4SBY Brice Iowa to Everyone: Thanks
- From KB6USJ Mike to Everyone: 👍
- From Mike xe2/n6kzb WDT to Everyone: Adios to all from Baja CA MX

END of Chat

<i>Future RATPAC Presentations</i>	
RATPAC July/Aug Wednesday Schedule	
July 21	Grounding & Bonding
July 28	HAARP - High-frequency Active Auroral Research Program
Aug 4	Semi-Portable Satellite Station
Aug 11	ARRL ARISS
RATPAC July/Aug Thursday Schedule	
July 22	Boston Marathon, Organization Make up
July 29	Non-Profit Status for Amateur Radio Clubs
Aug 5	RF Exposure concerns during EMCOMM exercises and events
Aug 12	Pending

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
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