

TENTATIVE AGENDA

JUNE NFARC / ARES MEETING

EOC club Meeting (NF4AC) Alachua EOC Radio Club

WEDNESDAY JUNE 12 2019

6:00 PM – come to work on go-boxes

7:00 PM - formal meeting starts

TIME	ITEM	Presenter
6:00 PM	<p>Informal time to (1) repair go-boxes, (2) charge batteries, (3) familiarize with new voice and digital gear, (4) use the new antennas, (5) zip-tie the vhf signalink down; (6) try FT8, JS8Call, winlink, (7) figure out headphones two kits completely working now; <i>The EOC / Sheriff have poured \$\$\$\$\$ into improving antennas a radios down at the EOC!</i> <i>Latest Analysis:</i> https://www.qsl.net/nf4ac/2019/JuneInvestigations.pdf <i>shows HF antenna now works on 40 m and above possibly useful on 75 m phone</i> <i>Two separate sides / computers now – HF on Left; VHF on Right – much better organized.</i></p>	Susan Halbert Jeff Capehart
7:00 – 7:15 (15 min)	<p>Introduction, signup for 2019 EOC membership (there are no dues) , Election of EOC club officers (Call sign: NF4AC) Minutes from 2018: https://qsl.net/nf4ac/2018/Minute01102018.pdf 2018 Officers: President Jeff Capehart VP Cindy Grant Treas. Rosemary Secr. Gordon</p>	Jeff Capehart
7:15 – 7:17 (2 minutes)	EC-001 Course – Hands On Report	Gordon Gibby
7:17-7:20 (10 min)	JUNE Informal Training Task: send winlink message by radio to Jeff at both his gmail and winlink addresses Extra Credit: send an ICS-213	Jeff Capehart
7:20-7:35 (15 min)	HF Antenna Measurements Demo w/spectrum analyzer – learn how bandwidth affects noise & why FT8 doesn't REALLY hear signals 20 dB below the noise.....	Gordon Gibby
7:35:-7:40 (5 minutes)	BACKGROUND CHECKS!!! Huge Success	Jeff Capehart

7:40-7:55 (15 min)	Single Transistor Amp #3 – feedback controlling GAIN of a single transistor stage – easy way to predict gain (Talk to show up on NF4RC web soon)	Gordon
7:55-8:10 (15 min)	Organize Extra Class Course Aug 17/18 E1 Commission Rules _____ E2 Operating procedures _____ E3 Propagation _____ E4 Amateur Practices (Test Equip & Measurement) _____ E5 Electrical principles (AC / RF impedances, resonances) _____ E6 Circuit Components (transistors, ics's etc) _____ E7 Practical Circuits (Digital, analog, filters, modulators) _____ E8 Signals & Emissions (digital, analog etc) _____ E9 Antennas & Transmission Line _____ E0 Safety _____	Gordon & many volunteers
8:10-8:25 (15 min)	Demo of FT8 / JS8Call	Leland Gallup
8:25	Adjourn	