

Areas of Interest

- What is VarAC?
- Software required
- Hardware required
- Vara-HF settings
- VarAC settings
- Operational Choices
- Operational Choices while in QSO
- Other Features
- Further Assistance

What is VarAC?

- A newer digital mode that allows for keyboard conversations even in weak or low band conditions, typically over HF
- If you remember the old Packet Radio days of the 80's, you may find this similar
- The ability to chat, leave messages, transfer files, check signal reports, and see what stations others have heard recently

3

Software Required

- If you use WinLink on HF today, you already have half of the software now
- Vara-HF by EA5HVK
 - Vara v4.6.3 is the latest version
 - https://rosmodem.wordpress.com/
- VarAC by 4Z1AC
 - VarAC adds NEW features frequently
 - https://www.varac-hamradio.com/

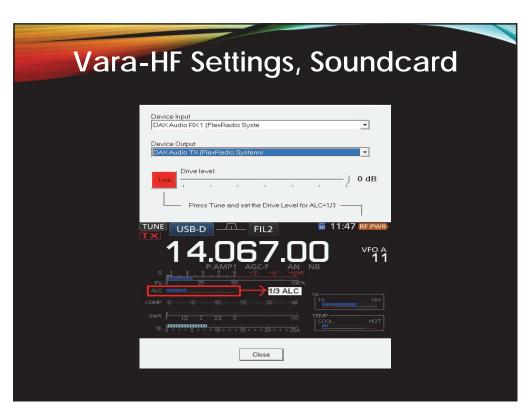


Hardware Required

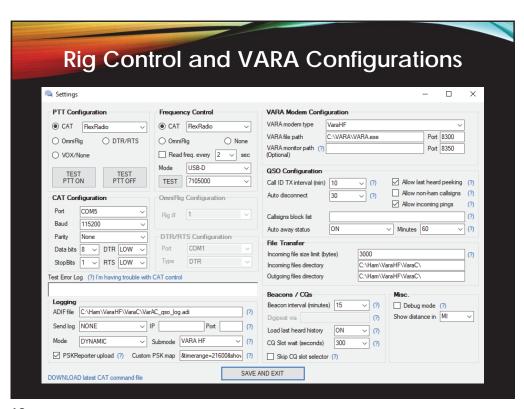
- Like most digital mode software, VarAC requires a sound card digital interface
- Most current radios have this built in
- Legacy or older radios may require a SignaLink, RigBlaster, RigExpert, just to name a few, or any of the similar type interfaces

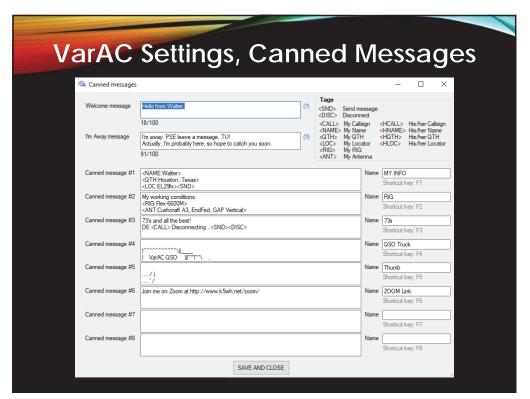
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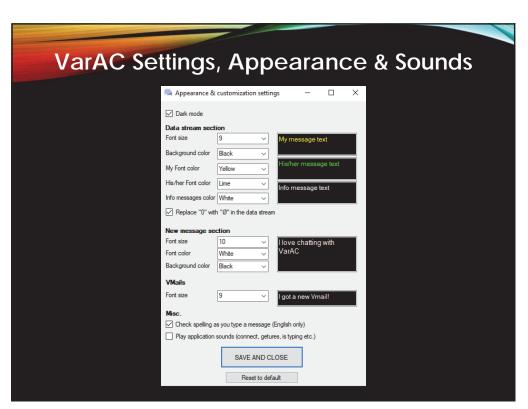
| Vara-HF | Settings, VARA Setup | |
|---------|--|--|
| | VARA Setup TCP Potts: Command Data 8300 8301 VARA Licenses Callsign: Registration Key: K5V/H Callsign: Registration Key: Collsign: Registration Key: Callsign: Registration Key: | |
| | ✓ Allow VARA check for updates via internet Accept 500 Hz connections Tuner enhancement CW ID KISS Interface Retries: RA-Board PTT SysLog Close | |



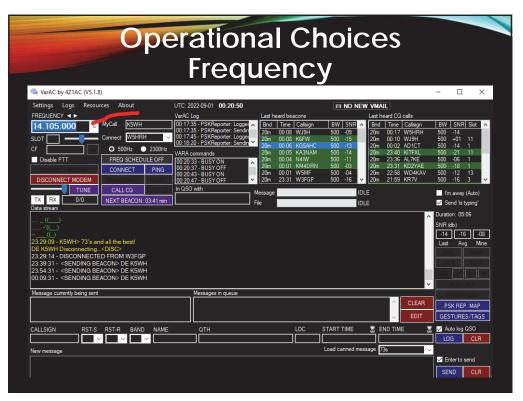
| VarAC Se | ttings, My Information |
|-----------|--|
| My In | nformation — 🗆 🗙 |
| | Special Special prefix Your callsign suffix |
| Callsign: | / <u>K5WH</u> / |
| Example: | W9 / 4Z1AC / QRP |
| | How complex callsigns work? |
| QTH: | Houston, Tx |
| Name: | Walter Locator: EL29FX |
| RIG: | Flex 6600M |
| | |
| Antenna: | |
| | Use the following tags during a QSO or in your canned messages to share your information: SAVE AND EXIT CALL> QTH> NAME> <loc> <rig> <ant></ant></rig></loc> |

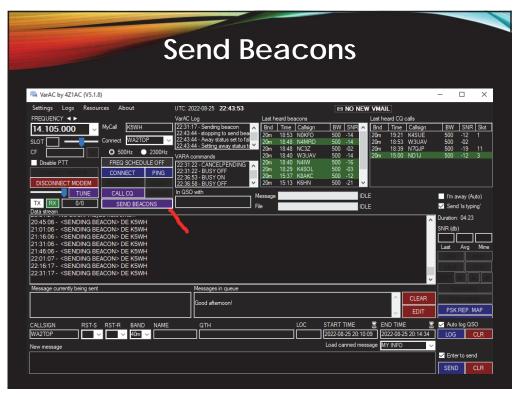


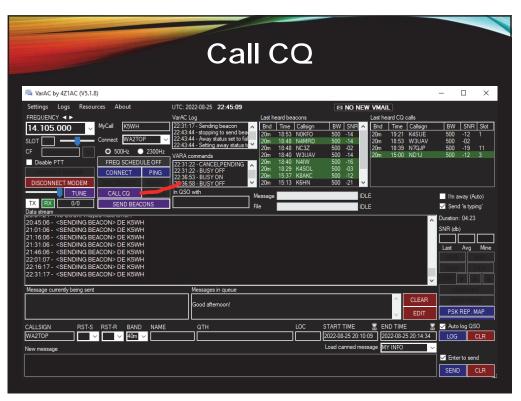




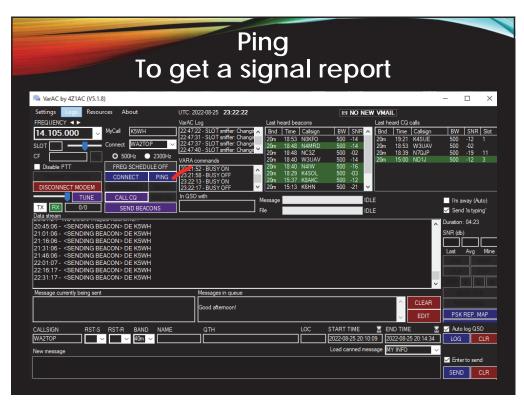
| VarAC Settings, Frequency Schedule Change frequencies automatically |
|---|
| FREQ schedule — 🗆 X |
| You can configure VarAC to QSY to different frequencies at specific times. This is useful when you want to QRV on different frequencies / bands across the day (ex. 20m for daytime / 40m for night time). |
| UTC time Frequency (Hz) |
| (hour:minute) ex: 14.105.000 |
| #2 : |
| #3 : |
| #4 : |
| #5 . |
| |
| SAVE AND EXIT |

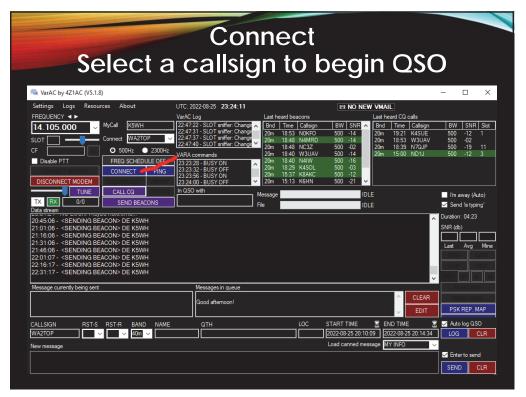


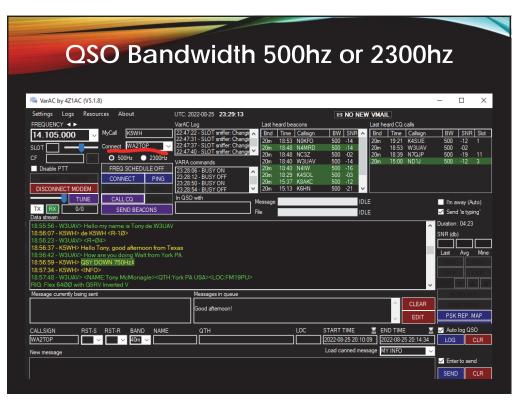


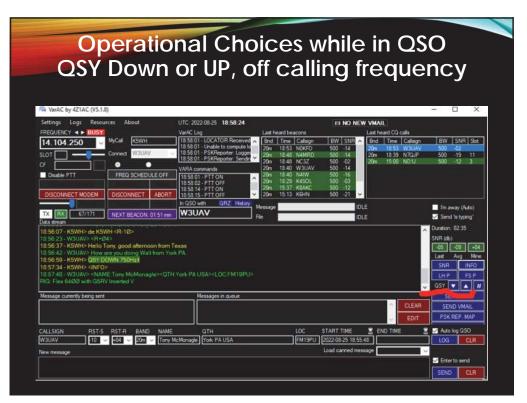


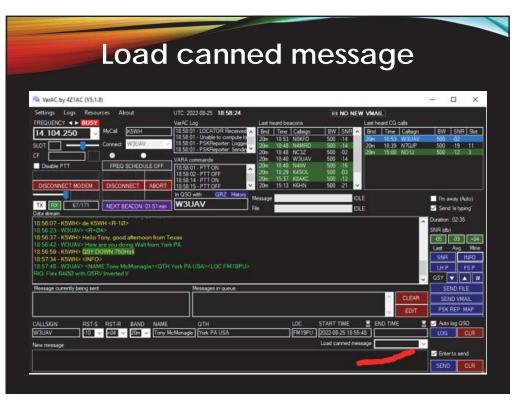
| C Slot | all CQ Reque | est | |
|--|--|---|--|
| CQ Slot selector | | - 🗆 × | |
| What are VarAC Slots? VarAC has a single calling QRG per band. Ho 750Hz apart. These frequencies are called "S When you call CQ, VarAC encodes into the C connections. VarAC will automatically QSY to for automatic frequency change, you will be a Please use the "SLOT SNIFFER" to make sur you have no CAT frequency control. | GLOTS" while each slot has Q call the slot ID where you the slot once the CQ call er sked QSY manually. | a unique ID. will be standing by for incoming nds. If you do not use CAT control, | |
| STEP #1: Select a slot | CQ Calling frequency 14.105.000 Slot #0 14.103.500 | Preferred 11 12 13 14 15 Selected Slot frequency Make sure the slot is not out of band! | |
| STEP #2: Check if the slot is free Available only with CAT freq. control | SLOT SNIFFER | Click and hold | |
| STEP #3: Call CQ | CALL CQ | VarAC will QSY to the slot once the CQ on the calling QRG ends | |

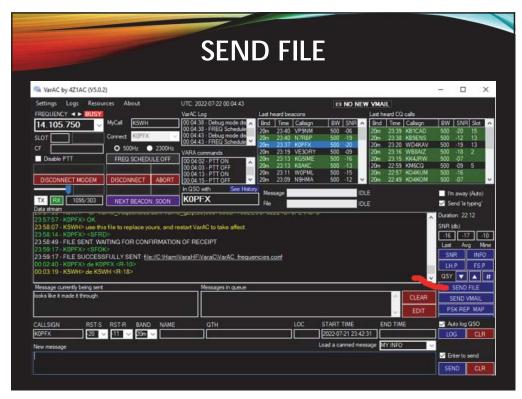


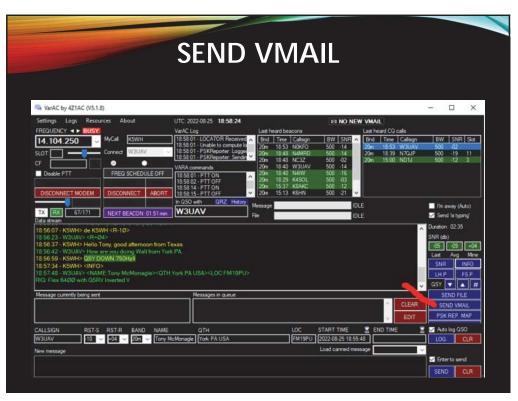








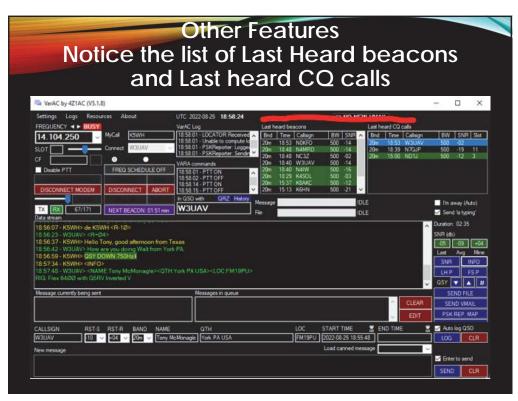












Right Click on a callsign for options

- Clear
- Copy All
- Ping (get report)
- QRZ.COM lookup
- PSK Reporter lookup
- Callsign History
- QSY to slot

29

Logs

- QSO Log
- Chat History
- Last Heard Log
- VarAC Log
- Open Logs Directory

Resources

- Quick Start Guide
- User Manuals (EN)
- User Manuals (Non EN)
- VarAC Facebook Group
- VarAC Forum
- Troubleshooting
- FAQ

31

Further Assistance

- For any follow-up information or configuration assistance, please contact Walter-K5WH
 - walterh@k5wh.net
- Or join us on ZOOM anytime around the clock
 - http://www.k5wh.net/zoom/

