Winlink Operation Overview

Winlink Paradigm

- Asynchronous Communications
 - No schedule times for comms.
 - Messaging performed as time and conditions allow.
- Accurate Communications
 - Based on ICS and other standardized forms
 - Full error correction in data transfer protocols.
- Originally developed for Mariners.
- Expectation of HF modes to be used on barefoot, non-QRP transceivers.

- Extending into Emergency Comms, Winlink focused on Emergency as regional issues.
 - The Internet is working somewhere.
- Peer to Peer or Radio Only via RMS Relay forwarding, were the first attempts for No Internet Comms.
- Recently expanding RMS Relay to include Post Offices for UHF/VHF gateways and Trimode HF Gateways to allow for operation with no Internet.
- Expanded HF forwarding for RMS Relay.
 - Via Local Area Network Telnet connections (ARDEN or COMMS office).

Winlink Operation Overview: RMS Express

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

| W7YAM - Ad | d Callsign Settings Message | Attachments Move To: | Saved Items | ↓ Delete | Open Session: | Vara HF Winlink 🗸 Logs Help |
|------------------------------------|---|-------------------------------------|-------------|---------------------|---------------|----------------------------------|
| | < 1 + ⊕ □ ≿ ⊿ ⊉ | ≫ @ | | | | |
| No active session | 11 | | Message h | as 2 attached files | | |
| System Folders | Date/Time 🔻 | Message ID Size | Source | Sender | Recipient | Subject |
| Read Items (0) | 2025/04/26 19:27 | 1NE49K03Q4PW 301 | 7 W70W0 | W70W0 | W7YAM | //WL2K R/ Routine/ Field Situati |
| Outbox (0) | 2025/04/11 16:55 | TXQTRL1R3HJR 304 | 6 W70W0 | W70W0 | W7YAM | //WL2K R/ Routine/ Field Situati |
| Sent Items (11) Saved Items (0) | 2025/04/11 16:54 | KGQU6MZQ4HBQ 304 | 4 W70W0 | W70W0 | W7YAM | //WL2K R/ Routine/ Field Situati |
| Deleted Items (1) | 1 2025/04/06 22:26 | NFQ9Z13V6SCR 177 | 2 W70W0 | ETO-FACILI | ETO-LIASON01 | ICS-213: Test Message for adding |
| Drafts (2) | 2025/03/31 02:00 | 567P94GZP552 40 | 3 SMTP | SMTP:kd6oa | W7YAM | //WL2K R/ WELCOME |
| Personal Folders | 2025/03/11 22:06 | FIXUCYBV2B5P 257 | 1 KM6SO | ETO-DRILL | ETO-ALL | ICS-213: Instruction summary - 2 |
| | 2025/02/28 15:53 | KLEYAHZTFE63 236 | 3 WA4RMA | WA4RMA | KN4IOU | Water Rescue Required - 2025-03- |
| | 2025/02/28 04:23 | 5NYSUFJXKVMO 87 | 6 KM6SO | ETO-FEEDBACK | W7YAM | Feedback on ETO April and Spring |
| | 2025/02/27 01:52 | BR6U5GV5JSRE 90 | 6 KM650 | ETO-FEEDBACK | WZYAM | Feedback on ETO April and Spring |
| Global Folders | Message ID: 5YDEJHAE Date: 2025/02/18 13: From: W7OWO To: W7YAM Source: W7OWO | 88A3Q 19 (local) | | | | |
| Contacts | Downloaded-from: Tel | lnet:cms.winlink | .org | | | |
| | Location: 38.545833M Subject: Winlink Che Winlink Check-in 0. HEADER | I, 106.925333W (eck-in EXERCISE | SPECIFII | ED) - Gunnison | со | |

Winlink Operation Overview: Settings

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled Forms
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

- RMS Connection Options
 - Display list of pending messages allows you to only download the messages of interest. Useful when testing a gateway to prevent downloads on a slow connection.
 - Warn about connections holding messages. This lets you know the station is acting as a Post Office. Helps prevent stranding a message intended for the CMS.
- Distance & Time Units.



Cancel

Update

Winlink Operation Overview: Settings

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates

 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

- Sending Messages with Form Data
 - Allows you to choose when to send the XML data that duplicates the content of the text message. Used by the HTML Forms.
- GIS Enabled Forms
 Automatic Form Opening
 - Controls when if the HTML Form is displayed with messages using the Standard Template HTML Forms.

| Form Server | | | | |
|--|---|---|---|--|
| IP addre | ess of form serve | r: localhost | | |
| IP p | ort of form serve | r: 8001 | | |
| Sending Mess | ages with Form I | Data | | |
| Attach | XML files with for | orm data to messages | generated by fo | ms |
| Attach | XML form files to | messages going to I | nternet e-mail ad | Idresses |
| Automatic For | m Opening | | | |
| Automa | atically open form | ns when messages an | e selected | |
| Automa | atically open repl | y forms when replying | to messages wi | th forms |
| Force | Winlink Express | to be shown over wel | browser after f | orm submi |
| Show of | on map only mos | t recent report within | 100 meters from | same sen |
| Send Forms a | s pdf Files | | | |
| If you enable addresses (e pdf file. Mee form data see form on the larger than t kb or larger. | e this option, me e.g., john@xyz.c ssages sent to V ent in a condense receiving end. V the condensed xu . They are not su | ssages with form attac om) have the form info /inlink users (callsigns ed xml file where it's m Naming: Forms sent a ml file. Often, messag itable for slow radio c | chments sent to comation conver continue to have reged with the our s pdf files are m es with pdf form connections. | Internet ted to a ve the display uch s are 50 |
| Send fo | ms as pdf files to | Internet addresses | | |

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled Forms
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

| From: W7Y | \sim MA | Send as: V | Winlink Message | ~ | Request message receipt | Set Defaults |
|-----------|-----------|------------|-----------------|---|-------------------------|--------------|
| To: | | | | | | |
| Cc: | | | | | | |
| ıbject: | | | | | | |
| ttach: | | | | | | |
| | | | | | | |
| | | | | | | |

- Select Templates to create a HTML Form using one of the Standard Templates.
- Send as should be Winlink Message, unless sending via Peer to Peer or Radio Only

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates

 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

- These are updated automatically as fixes and new features are added.
- User created templates should be kept under Global or operators call sign.
- GIS Enabled Forms State EM groups with special forms will be managed by WDT.
 - Similarly with hospital sponsored forms.
 - Some forms may be found under multiple groupings.

| Temp | plate Man | ager | | | \sim | × |
|---------|--------------|-----------|---------------|------|--------|---|
| Select | Close | Add | Remove | Edit | | |
| - Stand | ard Templa | ates (ven | sion 1.1.9.0) | | | |
| ÷ Al | RC Forms | | | | | |
| | A State For | ms | | | | |
| E Ca | anadian Fo | oms | | | | |
| ⊕ FE | EMA Forms | s | | | | |
| | MRE Form | s | | | | |
| ⊕ G | eneral For | ns | | | | |
| ⊕ G | eneral Med | dical For | ns | | | |
| ⊕ H | State form | ns | | | | |
| Đ H | ICS Forms | | | | | |
| ÷ IA | RU Forms | | | | | |
| E IC | S USA For | ms | | | | |
| ÷.L | A State for | ms | | | | |
| ⊕ M | apping-GI | Sforms | | | | |
| ÷ 0 | R State Fo | ms | | | | |
| + Pł | nilippines | | | | | |
| ⊕ R | adiogram & | RRI Fo | ms | | | |
| | C State For | ms | | | | |
| ÷ SI | HARES Fo | ms | | | | |
| ⊕ Sp | pecialized t | forms | | | | |
| ⊕ T | X State For | ms | | | | |
| ±∙U | SGS | | | | | |
| ⊕ W | A State Fo | oms | | | | |
| ÷ W | eather For | ms | | | | |
| Cł | nangelog.t | xt | | | | |
| Globa | Template | s | | | | |
| W7YA | M Templa | tes | | | | |

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled Forms
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

- Many of the Forms have been updated to work with the Winlink GIS Mapping tools.
- The USGS has a Did You Feel It form for reporting any felt earthquake.
- Field Situation Report allows for reporting status of Infrastructure.
- Catalog Map can show locations of Winlink Users.
- The tools allow for filtering displayed markers and pop-up data.
- Can work with a configured inexpensive GPS Dongle, or user entered Latitude and Longitude values

| Select | Close Add Remove Edit | × |
|--------|--|---|
| ė. N | Mapping-GIS forms | ^ |
| | Blood Availability.txt | |
| | - Catalog Map Capable Downloads.txt | |
| | - Field Situation Report.txt | |
| | - Hawaii Siren Report.txt | |
| | - HICS 251 Facility Status Report.txt | |
| | Hospital Bed Report.txt | |
| | Hospital Status.txt | |
| | Humanitarian Needs Identification Form.txt | |
| | Hurricane Report.txt | |
| | ICS213 General Message.txt | |
| | Local Weather Report.txt | |
| | Medical Incident.txt | |
| | - SDG ARES Hospital Status.txt | |
| | Severe WX Report.txt | |
| | USGS DYFI Deutsch.txt | |
| | USGS DYFI Espanol.txt | |
| | USGS DYFI.txt | |
| | Winlink Check-in.txt | |
| | Winlink Check-out.txt | |
| ⊞ C | OR State Forms | |
| ⊞ P | Philippines | |
| ⊞ H | Radiogram & RRI Forms | |
| ± S | SC State Forms | |
| ± S | SHARES Forms | |
| E S | opecialized forms | |
| 1 ··· | IX State Forms | |
| + | 1565 | ~ |

Incident Radio Communication Plan (ICS-205)

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled Forms
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

| - | | 1. Incident Name: | | | 2. Date /Time Prepared | | | | 3. Operational Period: | | | |
|------------------|---------------------------------------|-----------------------|---------------------------------|------------------|------------------------|------|------------|---------------------|------------------------|------------|-----------------|----------|
| Eorn Information | | | | Load ICS205 Data | | | Date Fr | Time From: Time To: | | | ate To: | |
| asic F | ladio Channe | I Use: <u>Paste (</u> | Channel Data from a Spreadsheet | | | | RX | | | ТХ | Mode | |
| irp. | Ch # | Function | System Talkgroup | Assignment | RX Freq | NorW | Tone / NAC | TX Freq | N or W | Tone / NAC | (A, D, or M) | |
| | | | | | | | | | | | | <u>.</u> |
| | | | | | | | | | | | | 0 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | 1 | | | | | []] | | 1 |
| | | | | | | | | | | | | |
| ۲ | | | | | | | | | | | | |
| = | | | | | | | | | | | | |
| = | | | | | | | | | | | | |
| | | | | | | | | | | L | L | - |

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled Forms
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

Incident Radio Communication Plan (ICS-205) Continued

- The basis of understanding of how to communicate with internal and external entities.
 - Each entity should have a current ICS-205 and regularly exchange with entities they will need to communicate with.
 - Western Oregon ARES expects at least a yearly update to be provided to all County ARES groups.
- For Winlink it provides a list of the RMS Packet and Trimode Gateways supported. As well as Digipeaters and Post Offices.
 - Should contain a list of HF and UHF/VHF Post Offices that will be polled during Internet outages and Frequency of polls.
- Can be multiple pages (IAP Page field).
- Can work in conjunction with ICS-205A (Communication List).

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled Forms
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

- The base message
 - Has a specific form for the ICS-213 Reply when replying to an ICS-213.
- Is GIS Enabled, supports filtering by Date/Time, Location, Range, Note, and Entity.
- Has form data load and save to allow saving templates.

| THIS IS AN EXERCISE | Load ICS213 INITIAL Data | | Form Instructions | | |
|---|--------------------------|----------|-------------------|--|--|
| 1. Incident Name: Incident name is optional | | | | | |
| 2. To (Name/Position): | | | | | |
| 3. From (Name/Position): | | | | | |
| 4. Subject: | | 5. Date: | 6. Time: | | |
| 7. Message: | | | | | |
| | | | | | |
| Ue Brief and Concise | | | | | |

• Can be populated by non-amateur subject matter expert via any browser from the HTML file on disk. The save data can be then sneaker netted to the RADO who load it and sends it.

General Message (ICS-213)

Winlink Operation Overview: Open Sessions

- Settings
 - Preferences
 - Form Settings
- Message
 - New Message
 - Standard Templates
 - GIS Enabled Forms
 - ICS-205
 - ICS-213
- Open Sessions
 - Vara HF Winlink
 - Channel Selection

| W7YAM + Add C | Callsign Settings Message | Attachments M | ove To: | aved Items | Delete | Open Session: | Vara HF Winlink 🛛 🗸 | Logs Help | | |
|------------------------------|---|---|---|-------------------------|----------------------------|-------------------------------------|--|--------------|--|--|
| | | ∌ ≫ ⊚ | | | | | Telnet Winlink Packet Winlink Pactor Winlink | | | |
| System Folders | Date/Time | ✓ Message ID | Size | Source | Sender | Recipient | Robust Packet Winlink | | | |
| Inbox (2 unread) | 2025/04/26 19:27 | 1NE49KO3Q4PW | 3017 | W70W0 | W70W0 | W7YAM | Vara HF Winlink | ield Situati | | |
| Read Items (0) Outbox (0) | 2025/04/11 16:55 | TXQTRL1R3HJR | 3046 | W70W0 | W70W0 | WZYAM | Vara FM Winlink | ield Situati | | |
| Sent Items (11) | 2025/04/11 16:54 | XGQU6MZQ4HBQ | 3044 | W70W0 | W70W0 W7Y | W7YAM | - Iridium GO Winlink | ield Situati | | |
| Deleted Items (0) | 2025/04/06 22:26 | NFQ9Z13V6SCR | 1772 | W70W0 | ETO-FACILI | ETO-LIASON01 | Packet P2P | e for adding | | |
| Drafts (2) | 2025/03/31 02:00 | 667P94GZPSS2 | 403 | SMTP | SMTP:kd6oa | W7YAM | Robust Packet P2P | | | |
| Personal Folders | 2025/03/11 22:06 | FIXUCYBV2B5P | 2571 | KM6SO | ETO-DRILL | ETO-ALL | Ardop P2P | summary - 2 | | |
| | 2025/02/28 15:53 | XLEYAHZTFE63 | 2363 | WA4RMA | WA4RMA | KN4IOU | Vara FM P2P | d - 2025-03- | | |
| | 2025/02/28 04:23 | 5NYSUFJXKVMO | 876 | KM650 | ETO-FEEDBACK | W7YAM | Telnet P2P | 1 and Spring | | |
| | 2025/02/27 01:52 | 3R6U5GV5JSRE | 906 | KM650 | ETO-FEEDBACK | FO-FEEDBACK W7YAM Pactor Radio-only | | | | |
| Global Folders | Message ID: 5YDEJ Date: 2025/02/18 From: W7OWO To: W7YAM | | Vara HF Radio-only Vara FM Radio-only Telnet Radio-only Telnet Post Office | Í | | | | | | |
| Contacts | Source: W70W0 Downloaded-from: Location: 38.5458 Subject: Winlink W Winlink Check-in Ø. HEADER | Telnet:cms.wi 33N, 106.9253 Check-in EXEF | nlink. 33W (S CISE - | org PECIFII W7OWO | ED) - Gunnison | со | | | | |

- Blocks 1 and 4 will only send/receive Standard Winlink Messages.
 - Block 2 will only send & receive Peer-to-Peer Winlink Messages.
- Block 3 will only send/receive Radio Only Messages.

- Open Sessions
 - Vara HF Winlink
 - Channel Selection
 - Update over Internet
 - Update over Radio
 - Map
 - Auto-connect
 - Favorites

| Exit Settings Channel Selection | on Map Forecast Auto-connect Next chan. Start Stop Abort |
|---------------------------------|---|
| Center Free | r: 0.000 Dial Freq: 0.000 Bandwidth: 0 Quality: Bearing: |
| Favorites: | Select Add to favorites Remove from favorites |
| hannel Free In: 0/0 Out: 0/0 BP | PM: 0/0 Initializing the Vara TNC |

 On opening, if there is an Internet Connection and SFI index has changed significantly from the last time opened, it asks to recompute the connection statistics.

HF Channel Selector

- Open Sessions
 - Vara HF Winlink
 - Channel Selection
 - Update over Internet
 - Update over Radio
 - Map
 - Auto-connect
 - Favorites

Exit All RMS Update Via Internet Update Via Radio Map Select Channel Forecast SEL Path Path Grid Distance Bearing Frequency eliabilit Quality Callsign Mode Group Hours (kHz) (mi) (Degrees) Square Estimate Estimate 14109... V2300 DM26AD 00-23 PUBL TC 779 166 NØCSM NØDAJ 14115 ... V500 DM340A 00-23 PUBLTC 969 157 NØDAJ 3590 ... V2750 DM340A 00-23 PUBLIC 969 157 NODAT 7108... V500 **DM340A** 00-23 PUBLIC 969 157 NODAJ 7103... V2750 DM340A 00-23 PUBLTC 969 157 0 NØDAJ 14103... V2750 DM340A 00-23 PUBLIC 969 157 00-23 PUBLIC 10147... V2750 NODAT **DM340A** 969 157

×

- On opening, if the SFI index has changed significantly from the last time opened, it asks to recompute the connection estimates.
- Sort order is provided by clicking on the column heading.
- Distance and Bearing are related to your Grid Square setting.
- I've found the Path Quality is more important the Path Reliability.
- Estimates are just that. I often get good throughput even when the estimates are red.

HF Channel Selector

- Open Sessions
 - Vara HF Winlink
 - Channel Selection
 - Update over Internet
 - Update over Radio
 - Map
 - Auto-connect
 - Favorites

| Select Cha | nnel Update | Via Internet | Update Via Ra | adio M | ap Foreca | st <mark>SFI E</mark> xi | t All RMS | _ | • | _ |
|------------|--------------------|--------------|----------------|--------|-----------|--------------------------|----------------------|-------------------------------|-----------------------------|---|
| Callsign | Frequency (kHz) | Mode | Grid Square | Hours | Group | Distance (mi) | Bearing (Degrees) | Path :liabilit Estimate | Path Quality Estimate | 1 |
| NØCSM | 14109 | V2300 | DM26AD | 00-23 | PUBLIC | 779 | 166 | 19 | 26 | ſ |
| NØDAJ | 14115 | V500 | DM340A | 00-23 | PUBLIC | 969 | 157 | 28 | 34 | ľ |
| NØDAJ | 3590 | V2750 | DM340A | 00-23 | PUBLIC | 969 | 157 | 0 | 0 | |
| NØDAJ | 7108 | V500 | DM340A | 00-23 | PUBLIC | 969 | 157 | 0 | 0 | |
| NØDAJ | 7103 | V2750 | DM340A | 00-23 | PUBLIC | 969 | 157 | 0 | 0 | |
| NØDAJ | 14103 | V2750 | DM340A | 00-23 | PUBLIC | 969 | 157 | 28 | 34 | ľ |
| NØDAJ | 10147 | V2750 | DM340A | 00-23 | PUBLIC | 969 | 157 | 1 | 6 | 1 |

- Updates will also update the list of gateways.
- Gateways shown are only those that have reported via the CMS in the last 4 hours.
- Update via radio will post a message in your inbox. Requires the message to be sent.
- On receipt of the response message estimates will be recalculated.
- Both sending an receiving require connection to an CMS connected gateway.

- Open Sessions
 - Vara HF Winlink
 - Channel Selection
 - Update over Internet
 - Update over Radio
 - Map
 - Auto-connect
 - Favorites



- Allows you to select a gateway from a easy to determine location.
- Colors represent the coding in the Propagation Estimates.

- Open Sessions
 - Vara HF Winlink
 - Channel Selection
 - Update over Internet
 - Update over Radio
 - Map
 - Auto-connect
 - Favorites

| Minimum Pactor level: | P3 v |] | Allowed Frequency Ranges Specify one range per line in kHz |
|------------------------------------|------------|--------------|---|
| Minimum Vara bandwidth: | 500 ~ |] | |
| Minimum path quality: | 15 | | 3000-30000 |
| Minimum distance away: | 70 | miles | |
| Seconds for status to settle: | 2 |] | |
| Seconds not busy: | 3 |] | |
| Max call history propagation bias: | 4 | | |
| Minimum Vara SNR: | -10.0 | dB | Excluded RMS |
| Restrict radio-only connections | to your re | gistered MPS | Specify one callsign per line |
| | - | | |
| Show Call Histo | ory | | |

- Clicking on Auto-connect on the Vara FM Winlink session with start searching for a gateway that meets the requirements as specified in the Auto-Connect Settings under Settings.
- Can be limited to band, minimum distance, minimum SNR and other attributes.

Open Sessions

• Vara HF Winlink

- Channel Selection
 - Update over Internet
 - Update over Radio
- Map
- Auto-connect
 - Show Call History
- Favorites

| Call History | | | | | | | | > |
|---------------------|---------|--------------|---------|----------|------------------|------------------|------------------|------------------|
| RMS Channel | # Calls | # Successful | # Fails | Vara SNR | Propagation bias | Last call | Last success | Last fail |
| N4HCA @ 14109.500 | 70 | 29 | 41 | -3.7 | -1 | 2025-05-03 22:40 | 2024-09-07 22:11 | 2025-05-03 22:40 |
| K7UNI @ 3584.000 | 30 | 17 | 13 | 8.5 | 3 | 2025-03-25 19:49 | 2025-03-22 22:45 | 2025-03-25 19:49 |
| K7UNI @ 7096.500 | 27 | 16 | 11 | 7.1 | 3 | 2025-03-25 19:48 | 2025-03-25 13:20 | 2025-03-25 19:48 |
| W0JT @ 7065.000 | 19 | 14 | 5 | -3.7 | 4 | 2025-05-03 22:33 | 2025-05-03 22:33 | 2025-04-16 07:40 |
| N0DAJ @ 7108.030 | 21 | 13 | 8 | -1.1 | 3 | 2025-04-19 23:57 | 2025-04-19 23:57 | 2025-04-16 07:45 |
| N0DAJ @ 10147.000 | 21 | 11 | 10 | -4.8 | 0 | 2025-05-03 22:37 | 2025-05-03 22:37 | 2025-04-19 23:59 |
| NOLCR-1 @ 7103.500 | 19 | 11 | 8 | -6.2 | 0 | 2025-04-12 22:39 | 2025-04-12 22:39 | 2025-01-18 22:51 |
| NOLCR-1 @ 14106.500 | 28 | 10 | 18 | -7,5 | -3 | 2025-04-20 16:43 | 2025-04-20 16:43 | 2025-03-25 13:49 |
| W7YAM @ 3584.000 | 10 | 10 | 0 | -6.6 | 2 | 2025-04-29 09:37 | 2025-04-29 09:37 | (never) |
| W7JWT @ 3598.500 | 16 | 10 | 6 | 6.9 | 4 | 2025-04-16 07:32 | 2025-04-16 07:17 | 2025-04-16 07:32 |
| W7INL @ 3595.500 | 9 | 8 | 1 | 1.6 | 4 | 2025-04-19 23:52 | 2025-04-19 23:52 | 2025-03-01 23:27 |
| W0JT @ 14100.200 | 15 | 7 | 8 | -2.5 | 0 | 2025-05-03 22:32 | 2025-04-20 16:38 | 2025-05-03 22:32 |
| W7INL @ 7101.200 | 7 | 6 | 1 | .7.1 | 3 | 2025-03-11 19:27 | 2025-03-11 19:27 | 2025-01-22 14:18 |
| K9BRM @ 7102.850 | 10 | 6 | 4 | -10.5 | -2 | 2025-04-19 23:30 | 2025-04-05 22:35 | 2025-04-19 23:30 |
| KN6BKT @ 3592.500 | 4 | 4 | 0 | 2.7 | 1 | 2025-02-22 23:28 | 2025-02-22 23:28 | (never) |
| KF7KLA @ 7104.500 | 8 | 4 | 4 | 4.6 | 0 | 2025-02-14 15:57 | 2025-02-14 15:57 | 2024-12-21 23:06 |
| KF00IC @ 7102.000 | 7 | 4 | 3 | -3.9 | 1 | 2025-05-03 22:11 | 2025-05-03 22:11 | 2025-05-03 22:07 |
| KF00IC @ 14103.000 | 6 | 4 | 2 | 10.7 | 4 | 2025-05-05 20:00 | 2025-05-05 20:00 | 2025-05-03 22:06 |
| W70W0 @ 3584.700 | 4 | 4 | 0 | 16.1 | 4 | 2025-05-06 11:09 | 2025-05-06 11:09 | (never) |

- Screenshot of my call history sorted by successful. Haven't been able to access my #1 for 6 months.
- K7UNI is for when I'm in a hurry but still want to use HF.
- Feature was added a little less than 2 years ago.

- Open Sessions
 - Vara HF Winlink
 - Channel Selection
 - Update over Internet
 - Update over Radio
 - Map
 - Auto-connect
 - Favorites

| Favorites: | AG7MM @ 7103.500 [2300] (43) | Select Add to favorites Remove from favorites |
|---|--|--|
| Channel Free *** Laune *** Succe *** Maxiu *** Using *** Ready *** This | AG7MM @ 7103.500 [2300] (43) K4HVF @ 7103.200 [2750] (0) K4MSU @ 7102.500 [2300] (0) K9BRM @ 14110.800 [2300] (0) K9BRY @ 14110.400 [2300] (0) KD0VFV @ 28130.500 [2300] (0) KD0VFV @ 7102.500 [2300] (11) KF0OIC @ 14103.000 [2300] (41) KF7RSF @ 3586.500 KJ7GSK @ 14112.500 [500] (42) KO0OOO @ 10144.500 N0DAJ @ 14103.000 [2300] (42) N4HCA @ 14109.500 [2300] (42) N5TW @ 14100.000 [2300] (22) N5TW @ 21094.500 [2300] N9HQC @ 14104.000 [2300] (0) NSOA @ 7103.500 [2300] (0) VE4WSC @ 18108.500 [2750] (19) W0JT @ 14100.200 [500] (37) W5KAV @ 3588.000 [2300] W7JKV @ 7103.000 [2300] W7JSN @ 3595.000 WY7M @ 14090.000 | cted TNC at 127.0.0.1 port 8300 t to 2750 Hz. haud of Vara TNC that can operate at full speed. |

User managed quick pick list of stations.

Winlink Operation Overview: Connection Monitor

- Connection Monitor
 - Desktop Application
 - Shows all CMS connections within period.
 - Details by hovering over gateway or transmitting station.
 - Last connection shown at bottom of display
- Propagation Map
 - Online Tool
 - https://winlink.org/RMSChannels?qt-live_ winlink_information=3#qt-live_winlink_info rmation
 - Defaults to 6 hours
 - Can show up to 24 hours within the last 48 hours



K4AZM (United States) --> WG4PTP (United States) 7083.500 kHz, Vara 2300, 110 miles