



Introduction to Winlink Email



Presentation Topics

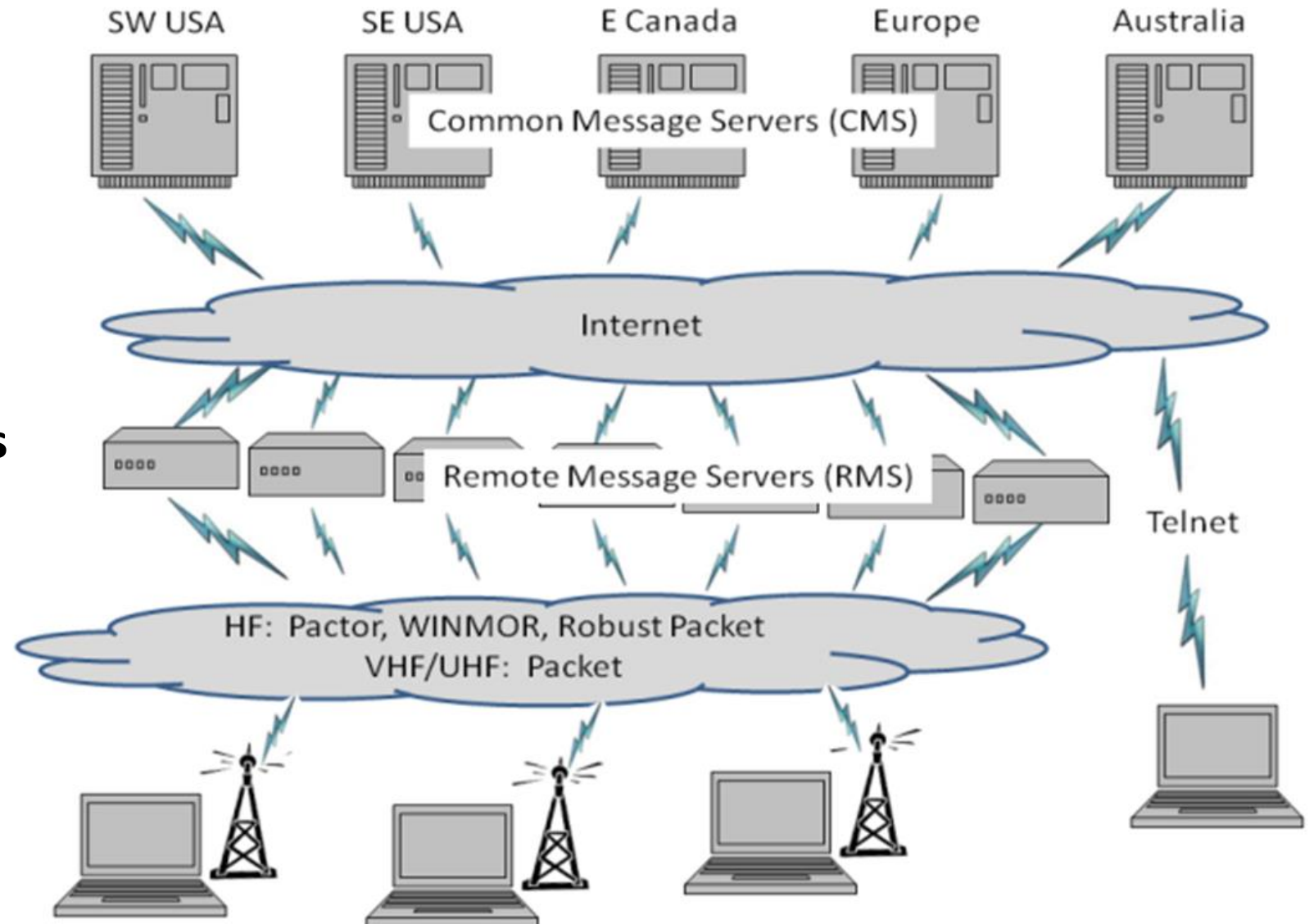
- 1. What is Winlink?**
- 2. Winlink Home Stations**
- 3. Winlink Portable/Mobile**
- 4. Sending an Email Message**
- 5. YARA's Winlink Station**
- 6. Future Workshops or Assistance**

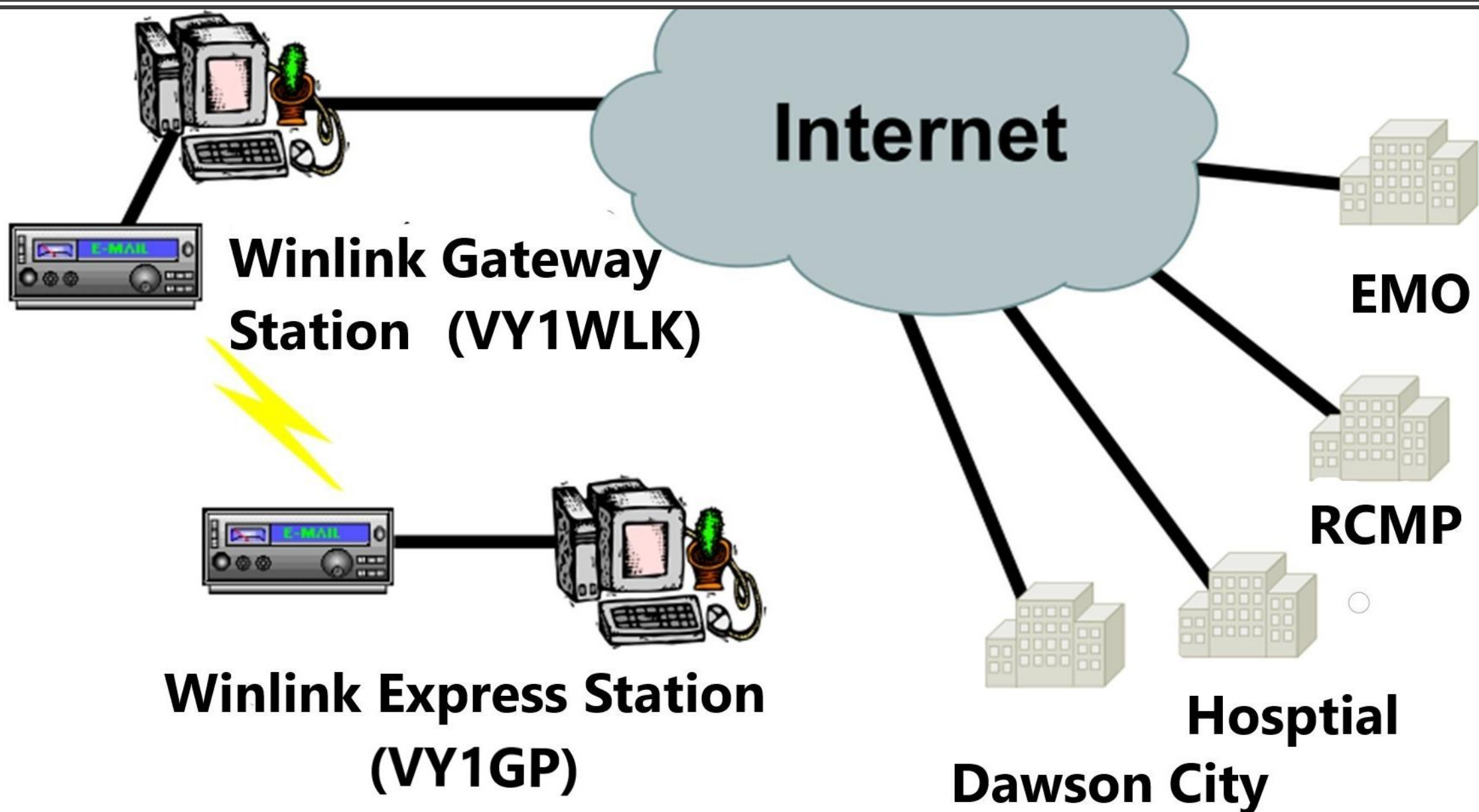
Winlink Org Servers

The Internet

Winlink Gateway Stations (VY1WLK)

Winlink Express Stations (VY1GP)





RMS Map

RMS List

Propagation

CMS Status

Traffic

Gateway Versions

User Versions

Local

Map

☐ Packet ☐ Factor ☐ Robust Packet ☐ ARDOP ☒ VARA ☐ VARA FM Service Code(s) PUBLIC Refresh

[Select]

Winlink HF Gateway Stations

VY1WLK



RMS Map

RMS List

Propagation

CMS Status

Traffic

Gateway Versions

User Versions

Local

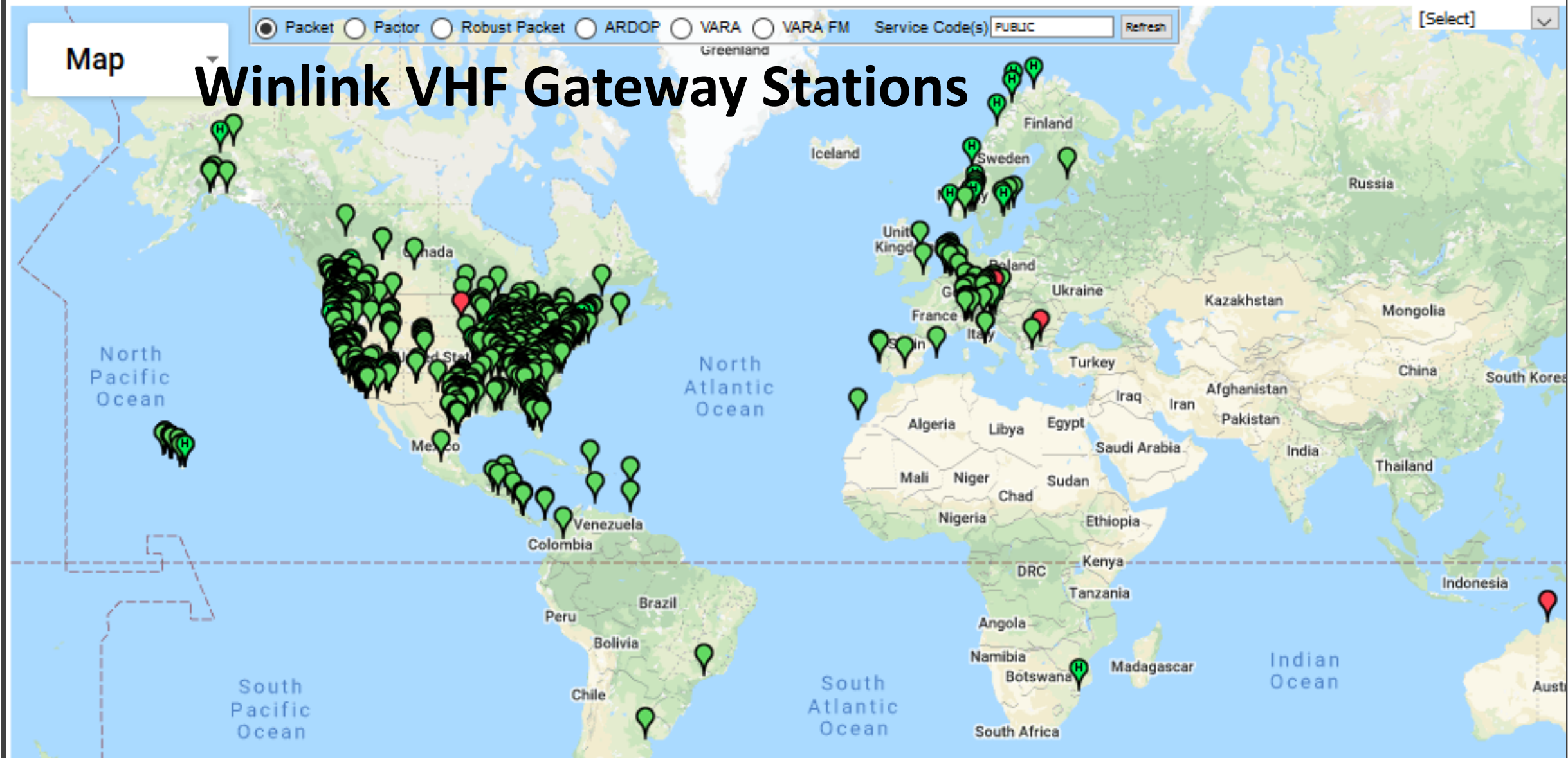
☒ Packet ☐ Factor ☐ Robust Packet ☐ ARDOP ☐ VARA ☐ VARA FM Service Code(s)

[Select]

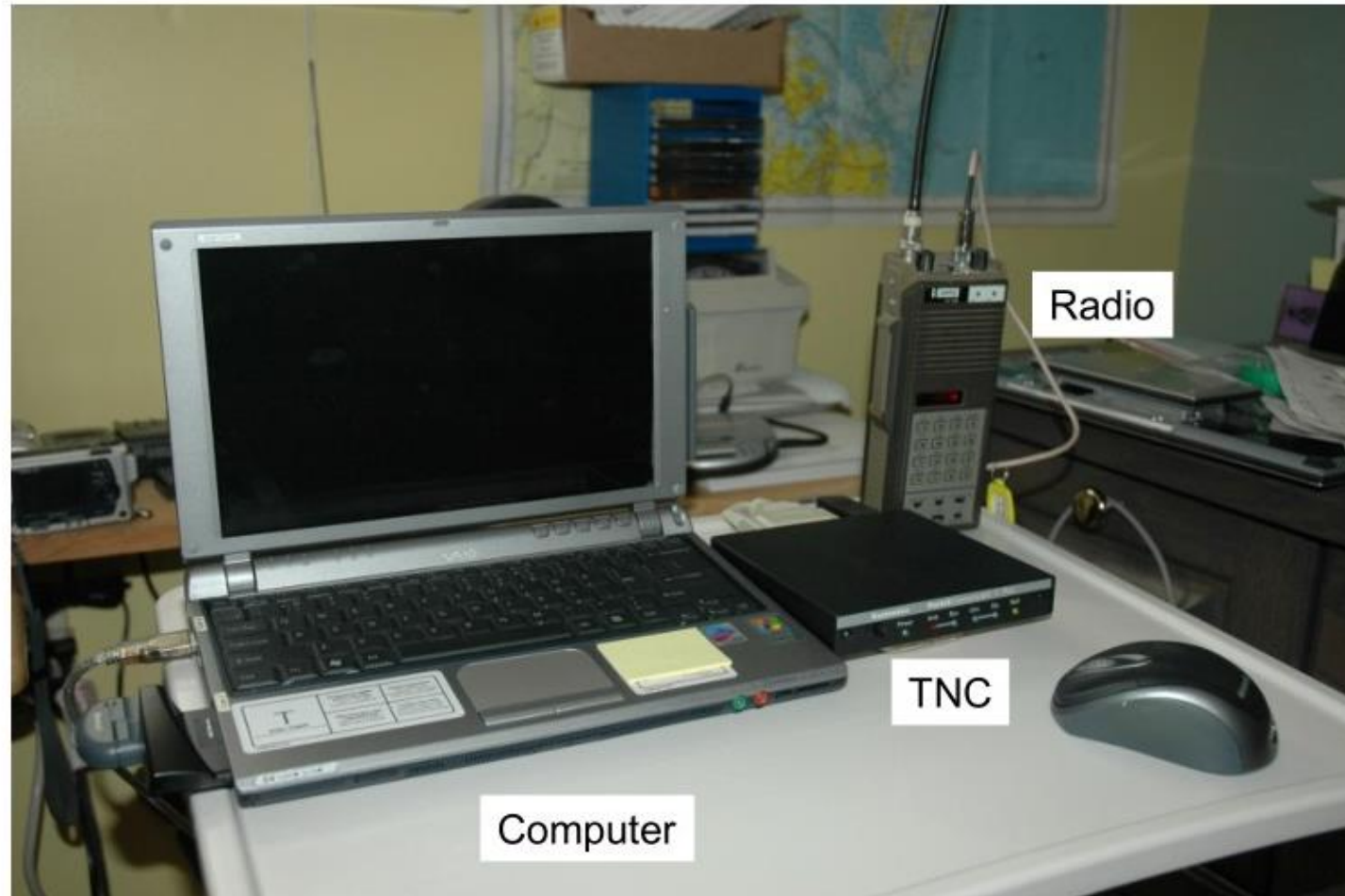


Map

Winlink VHF Gateway Stations



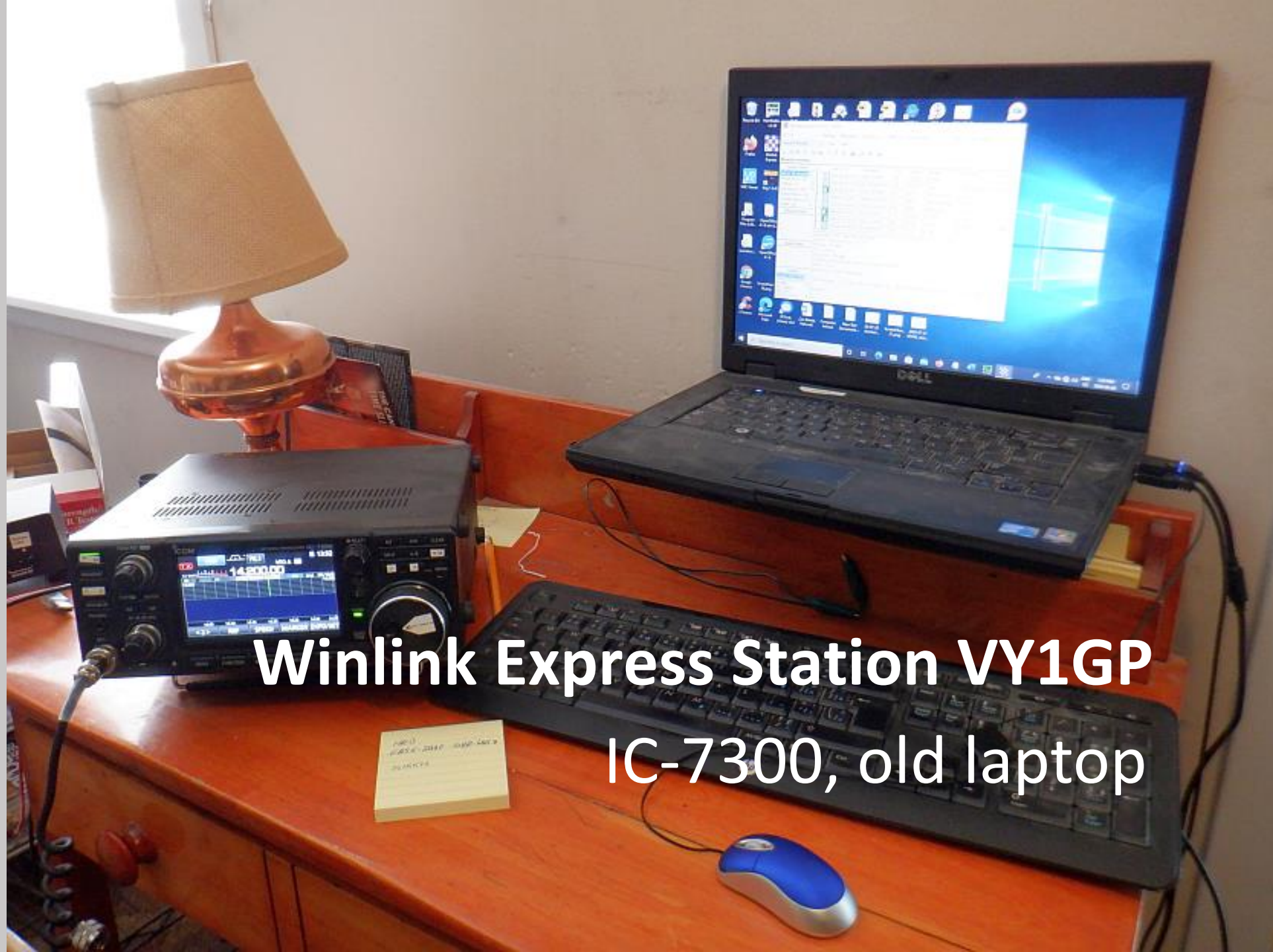
Typical RMS Express Station



Winlink Express Station - VY1GP

Elecraft K2, Signalink,
laptop





Winlink Express Station VY1GP
IC-7300, old laptop

Winlink HF mobile/portable

FT-891, Raspberry Pi, sound adapter , smart phone or iPad



Winlink VHF Portable Station

Cell phone

Baofeng

Wolphi-Link



Telnet Winlink – No Radio – Internet Only



Sending an Email with Windows 10





VY1GP

Settings

Message

Attachments

Move To:

Saved Items

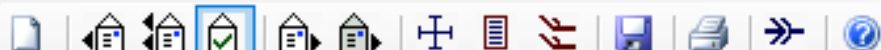
Delete

Open Session:

Telnet Winlink

Logs

Help



No active session...

System Folders

Inbox (0 unread)

Read Items (22)

Outbox (0)

Sent Items (142)

Saved Items (1)

Deleted Items (1)

Drafts (0)

Personal Folders

Global Folders

Contacts

ALLEN WOOTTON_EMAIL

CHARLES_GALE_EMAIL

CHRIS_CASSIA_EMAIL

GLPRIVETT_YAHOO

PATTI-HOME_EMAIL

	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
	2020/05/21 13:53	#6KSP3EJNZ4Z	1132	W3QA	W3QA	SMTP.froden1@...	CRITICAL NETWORK UPDATE INFORMATION
	2020/05/20 03:51	X36FH8U9RRPL	158	VY1CO	VY1CO	VY1KX	seems ok...
	2020/05/17 19:34	CRI1CI3GC1TY	154	SMTP	SMTP:glprivett@...	VY1GP	test 2
	2020/05/17 18:27	R52IEWY1YJLY	151	SMTP	SMTP:glprivett@...	VY1GP	test
	2020/04/25 15:55	GWGC614T6GN4	560	WH6FXL	WH6FXL	VY1GP	Mahalo4 Winlink gate
	2020/04/16 02:20	3TK7AA7USSA6	1115	SMTP	SMTP:johnnwuk...	VY1GP	Re: Yukon SE Alaska Emergency Preparedne



https://www.youtube.com/watch?v



Winlink Express 1.5.30.0 - VY1GP

VY1GP



Settings

Message

Attach



No active session...

System Folders

Inbox (0 unread)

Read Items (22)

Outbox (0)

Date/Time



2020/05/21 13:53

#



2020/05/20 03:51

X



Close Select Template Attachments Post to Outbox Spell Check Save in Drafts

From: VY1GP ▾ Send as: Winlink Message ▾ ☐ Request read receipt Set Defaults

To:	<input type="text"/>
Cc:	<input type="text"/>
Subject:	<input type="text"/>
Attach:	<input type="text"/>





Enter a new message

Close Select Template Attachments Drafts Outbox Spell Check Save in Drafts

From: VY1GP

Send

To:

Cc:

Subject:

Attach:



Template Manager

Select Close Add Remove Edit

- + Standard Templates (version 1.0.129.0)
- Global Templates
 - + Testing
 - YARA_Forms
 - Net_Checkin_Initial.txt
- ... VY1GP Templates

Regular Preparedness Net

REAL EVENT

Day Thursday

Time 08:44:50

Date 2020-08-06

UTime 15:44:50Z

Net Control Report prepared by

VY1PJB - Net Control

Other: Callsign, position

Operator Location

Whitehorse

Other: Other location

Sender Call Sign

VY1GP

The following checked in as available for the next 24 hours:

Juneau:

- ☐ AL7I Howard
- ☐ KL4OB John
- ☐ KL7IWC Larry
- ☐ KL7PHB Rick
- ☐ NL3A Bill

Haines:

- ☐ KL7SKA Bob

Atlin:

- ☐ VE7SKF Marc

- ☐ VY1IRM Ian
- ☐ VY1JC James
- ☐ VY1JY John
- ☐ VY1KX Allen
- ☐ VY1MAP Terry
- ☐ VY1MB Bob
- ☐ VY1MK Mark
- ☐ VY1PJB Pam
- ☐ VY1RT Ron
- ☐ VY1SM Shannon



Enter a new message



Close Select Template Attachments Post to Outbox Spell Check Save in Drafts

From: VY1GP



Send as: Winlink Message



☐ Request read receipt

Set Defaults

To: yara_reflector@googlegroups.com

Cc: KL7IWC@aol.com, cresolve@gci.net, NL3A@acsalaska.net, kl7ska@arrl.net, n7phb@alaska.net, kl7led@gmail.com

Subject: Yukon SE Alaska Emergency Preparedness Net Check-In: Thursday, 2020-08-06

Attach: RMS_Express_Form_Net_Checkin_Viewer.xml;

Day: Thursday

Date: 2020-08-06

Time: 08:44:50

UTC: 15:44:50Z

Type of Check-In: Regular Preparedness Net

Net Control Report prepared by: VY1PJB - Net Control

Operator Location: Whitehorse

The following checked in as available for the next 24 hours:

Juneau

AL7I Howard:

KL4OB John:

KL7IWC Larry:

AL7PHB Rick:

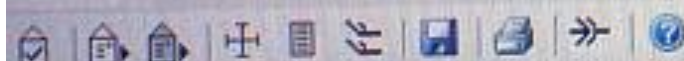
NL3A Bill:

Haines

KL7SKA Bob:

Express 1.5.30.0 - VY1GP

Settings Message Attachments Move To: Saved Items Delete Open Session:



Session.

Folders

read)

(22)

(141)

is (1)

ms (0)

al Folders

Folders

	Date/Time	Message ID	Size	Source	Sender	Recipient
	2020/08/06 15:37	604Q4HB5JBVL	1659	VY1GP	VY1GP	yara_reflector@googlegroups.com

Message ID: 604Q4HB5JBVL

Date: 2020/08/06 15:37

From: VY1GP

To: yara_reflector@googlegroups.com

Cc: kl7iwc@aol.com, cresolve@gci.net, nl3a@acsalaska.net, kl7ska@arrl.net, kl7led@gmail.com

Source: VY1GP

Subject: Yukon SE Alaska Emergency Preparedness Net Check-In: Thursday, 2020-08-06

Day: Wednesday

Telnet Winlink

Telnet Winlink

Packet Winlink

Pactor Winlink

Robust Packet Winlink

Winmor Winlink

Ardop Winlink

Vara HF Winlink

Vara FM Winlink

Iridium GO Winlink

Packet P2P

Pactor P2P

Robust Packet P2P

Winmor P2P

Ardop P2P

Vara P2P

Vara FM P2P

Telnet P2P

Pactor Radio-only

Winlink Express 1.5.30.0 - VY1GP

VY1GP Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

In Telnet Winlink session.

Telnet Winlink Session

Exit Settings **Start** Stop Time to next Autoconnect = Disabled

Outbo: Sent It Saved Delete Drafts

Pe

ALLEN CHARLE CHRIS GI PRIM



Winlink Express 1.5.30.0 - VY1GP

VY1GP



Settings

Message

Attachments

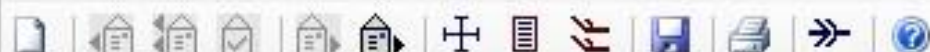
Move To:

Saved Items



Delete

Open



In Telnet Winlink session.

S



Telnet Winlink Session

Inbox

Read

Outbox

Sent It

Saved

Delete

Drafts

Pe

Exit

Settings

Start

Stop

Time to next Autoconnect = Disabled

*** Connecting to a CMS...

*** Connected to CMS-SSL at 2020-08-06 15:40:56

[WL2K-5.0-B2FWIHJM\$]

;PQ: 62565498

CMS>

;FW: VY1GP

[RMS Express-1.5.30.0-B2FHM\$]

;PR: 73486096

; WL2K DE VY1GP (CP20LR)

FC EM 604Q4HB5JBVL 3403 1565 0

F> 61

FS Y

*** Sending 604Q4HB5JBVL.

FF

*** Completed send of message 604Q4HB5JBVL

*** Sent 1 message. Bytes: 1659, Time: 00:00, bytes/minute: 175792

FQ

*** -- End of session at 2020-08-06 15:41:03 --

*** Messages sent: 1. Total bytes sent: 1659, Time: 00:05, bytes/minute: 18190

*** Messages Received: 0. Total bytes received: 0, Total session time: 00:05, bytes/minute: 0

*** Disconnecting

*** Disconnected at 2020-08-06 15:41:03

ALLEN



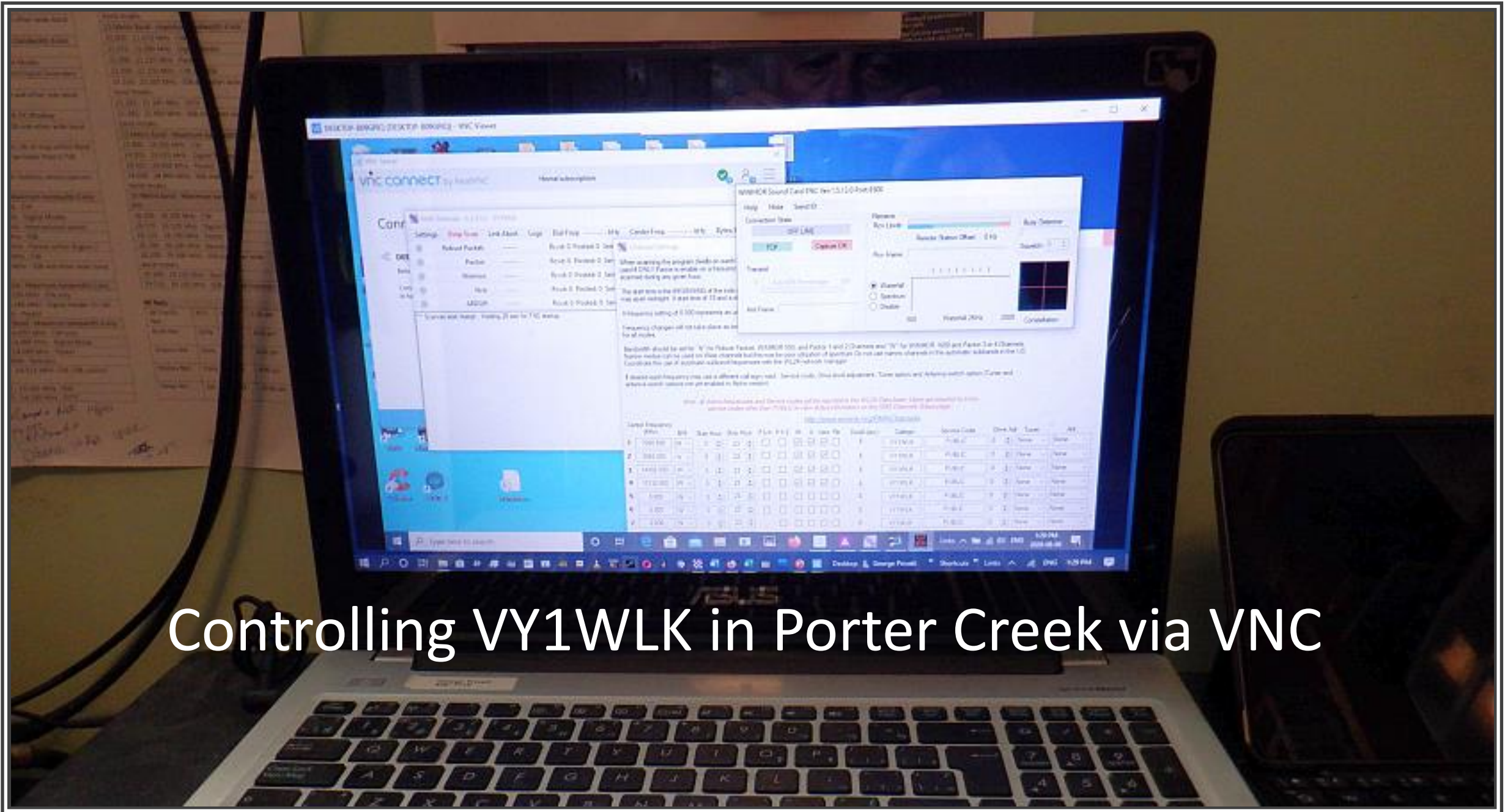
VY1WLK Winlink Gateway Station

(Testing in Porter Creek)

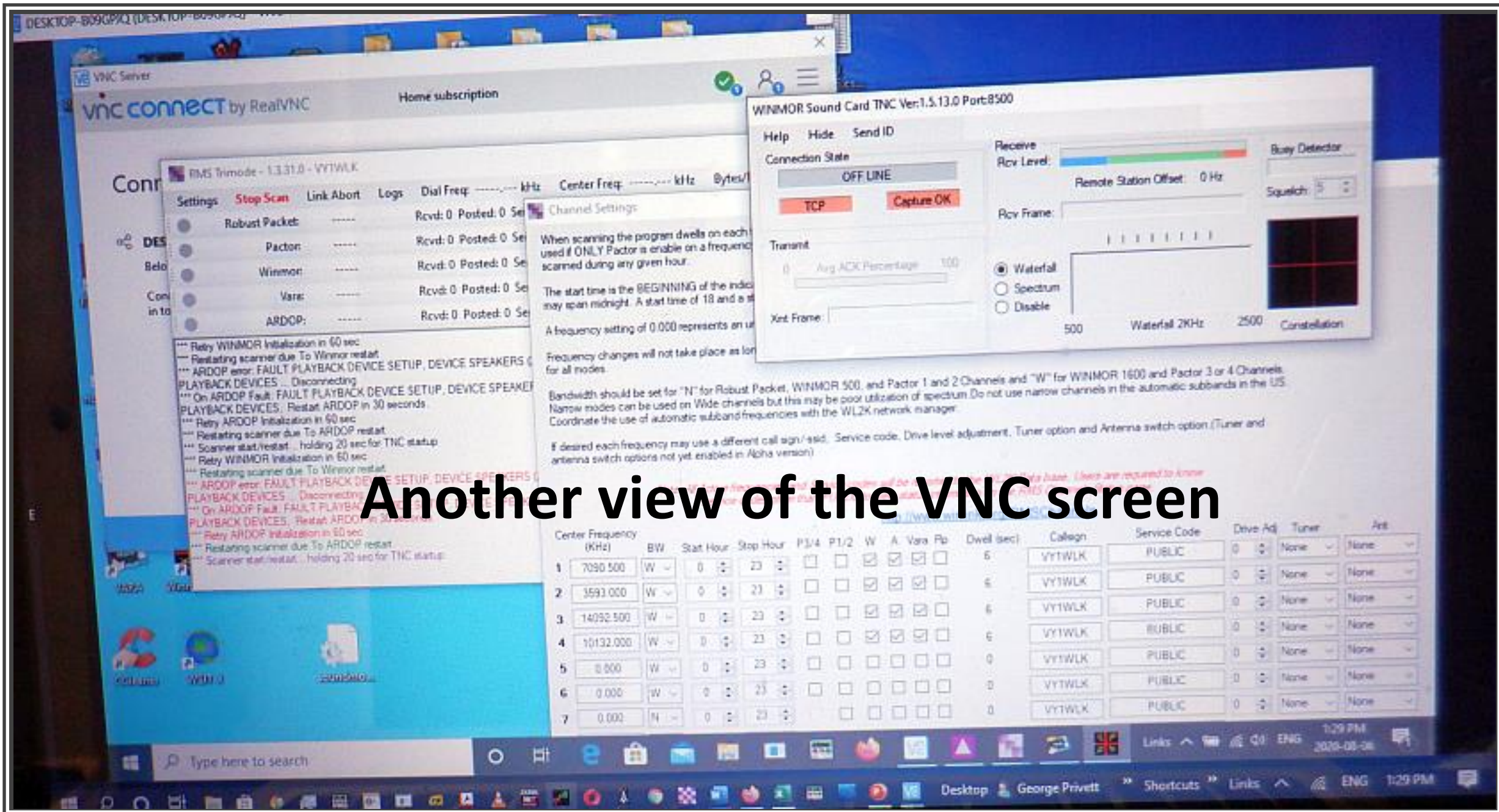
Grizzly Valley – VY1WLK Location



Photo Credit VY1CO



Controlling VY1WLK in Porter Creek via VNC





Radio Shack – VY1CO at Grizzly Valley

Photo Credit VY1CO

What's Next?

- **Workshops and/or One-on-One**
- **Hands on Operation**
- **Set up your own Winlink Express station**
- **Set up a mobile pi station**

Thank you