WinLink

What is it and what it is good for?

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W7EFL

What is this WinLink stuff?

- WinLink is a system for sending email via radio.
 - You do not need an internet connection for this.
- You can also send email without radio (Telnet WinLink).
 - You <u>do</u> need an internet connection for this.
- In short, you can do email with <u>or</u> without an internet connection. This can be useful functionality if:
 - You are on a sailboat in the middle of the ocean.
 - You are in a disaster area and want to communicate with the rest of the world.
- Accepted for contingency communications by many government organizations and non-government organizations (NGOs).

Use with internet

- If I have internet, why would I be interested in WinLink?
 - If you are an active participant in ARES or RACES, WinLink capability is good to have.
 - WinLink allows you to conveniently receive and forward messages using forms (more on that later).
 - It is easier to send messages to others who are using WinLink if you have it also.
- Good as a practice mode to learn about the software.
- If you are looking at WinLink for use <u>exclusively</u> with an internet connection, there really is not much to be excited about.

Use with radio

- Sending email from your radio is really where WinLink is useful.
- You can send messages in several modes using WinLink.
 - Conventional messaging to a common message server (CMS).
 - Hybrid mesh network—transfers messages using only radio HF forwarding.
 - Peer-to-peer (P2P) transfer directly between two client stations.

Emergency Communications

- We have all become reliant on email for communications government agencies are no different.
 - During times of emergency, internet connections may not be available.
 - In some cases, failure of a single fiber-optic cable is all it takes to sever internet communications.
 - The capability of sending and receiving email with no internet connection usually gets the attention of local emergency coordinators.

Getting Started—Client Program Options

- You can find a list of client programs and compare features at the winlink.org website.
- Program options include:
 - Outpost
 - AirMail
 - WoAD
 - Pat
 - PacLink-Unix
 - PacLink
 - WinLink Express

WinLink Express

- Of the listed email client programs, Winlink Express (formerly RMS Express) seems to support the most modes while being easy to use.
- Winlink Express is widely used and is well-supported.
- Winlink Express program and form updates are pushed out pretty regularly.
- You can download Winlink Express at: <u>https://winlink.org/WinlinkExpress</u>
- This discussion will focus on Winlink Express since it is the only client I have tried.

Financial support (optional)

- If you find Winlink useful and want to support the continued development, purchase a registration key for \$24 per call sign.
- You may also choose to support the Amateur Radio Safety Foundation through a donation (not the same as purchasing a key).
- You can find links to donate or purchase registration keys at https://winlink.org/WinlinkExpress

Getting Started

- All you need to start is a computer (Windows 7 and up) and an internet connection.
- Download the Winlink Express at https://winlink.org/WinlinkExpress
 - Click download link to get the zipped installation file
 - Open the installation file (double click) and follow the prompts
 - Select a folder to install the program (default C:\RMS Express).
 - Present requirement is 85.2 MB free space
 - Select a desktop shortcut if so desired (recommended).
 - Select the install button. . . Wait. . . Select finish when prompted
- Fill in the blanks on the configuration screen (next slide).

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Connect with a Server

- Final step in setup is to connect with a Winlink system server (CMS). This can be done through an internet connection.
- You may be prompted to download a new version of Standard Forms. We will get to the forms stuff soon. Go ahead and download them or not.
- When the Winlink Express window is open, go to the "Open Session" box at the top of screen and select "Telnet Winlink" then click on "Open Session". When the Telnet Winlink Session screen opens, select Start. This will connect to the server and complete your registration. You should receive a message confirming password recovery address.

Settings Message Attachmer	nts Move To: Saved Items v Delete Open Ses	sion: Telnet Winlink	ι v Logs	Help
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System Folders				
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ims (0)	2021/09/20 01:07 OU9DM29VVQOU 808 KF7	AGO KF7AGO	W7EFL	Re: Testing Tuesday
(0) ns (36)	2021/01/23 18:10 6Q9SZ34TSWG9 2064 KF7	AGO KF7AGO	W7EFL	Re: FW: Re: //WL2K ham classes
iems (0)	2021/01/12 00:01 JZZ5VEK5F947 1266 KF7	AGO KF7AGO	W7EFL	FW: Re: //WL2K ham classes
Items (0)	2020/12/25 16:33 0VFF12ASQIL9 1563 KF7	AGO KF7AGO	W7EFL	//WL2K Re: ARES Comm guidelines
Personal Folders	2020/11/18 17:57 AU7IB402QCWA 457 KF7	AGO KF7AGO	W7EFL	//WL2K testing session
	1721 KF7 2020/11/07 21:27 32H2CVQZANB6 1721 KF7	AGO KF7AGO	W7EFL	//WL2K Re: November 17 Test
	2020/10/21 14:21 405US6U0K114 1581 KF7	AGO KF7AGO	W7EFL	//WL2K Re: Contact and Test information
	2018/04/12 22:30 UCKDT3607QFA 988 SYS	TEM WEBMASTER	W7EFL	Welcome to the Winlink web site!
	2018/04/12 22:16 VLSRBBGORSY6 472 SYS	TEM SERVICE	W7EFL	Password Recovery Address Change Notification
Global Folders				
Contacts				
	Message ID: DEY8ERKE87UJ			
	Date: 2021/11/10 18:28			
	From: KF7AGO			
	Source: KF7AG0			
	Downloaded-from: Telnet:cms.Winlink.or	3		
	Subject: Re: Testing			
	Hello to you Ed:			
	If you have enough VE's, I will mor	e than likely :	stay here at 1	home BUT if you do need another VE just let me know and I'll be glad to come down.
		- 1999 		
	GOD BLESS kf7ago Jim 885-778	7		
	nessage from white sene zozi, ii,			
	Message ID: ACQOFORV8EH6			
	Date: 2021/11/09 17:00			
	To: KF7AGO			
	Source: W7EFL			
	Subject: Testing			
	Hi Jim.			
	We are having a testing session Novemb	er 16 at 5:30 p	pm. Location	at the 911 call center. You are welcome to attend and help if you want to, but it looks like we will have enough VEs without
	I Know it is a bit of a chore for you	and I don't wa	ant to impose	on you if your neip is not needed. I also want you to know that I welcome your help and it is always good to see you.
	Ed			

Let's Compose a Message

- At the top of the screen, select "Message" and "New Message" from the dropdown menu.
- If you are sending to another WinLink user, all you need is the call sign—that is their email address in WinLink.

. + @	New Message				
	Reply				
tem Folders	Reply to All	Message ID	Size	Source	
1	Forward	DEY8ERKE87UJ	611	KF7AG0	1
	Forward without change	OU9DM29VVQOU	808	KF7AGO	ł
	Acknowledge receipt	6Q9SZ34TSWG9	2064	KF7AGO	ł
	Save message as	JZZ5VEK5F947	1266	KF7AGO	K
	Edit	0VFF12ASQIL9	1563	KF7AGO	K
onal Folder		AU7IB402QCWA	457	KF7AGO	H
	Template manager	32H2CVQZANB6	1721	KF7AGO	H
	Template settings	405US6U0K114	1581	KF7AGO	ł
	Set favorite templates	UCKDT3607QFA	988	SYSTEM	٧
	HTML Forms	VLSRBBGORSY6	472	SYSTEM	S
al Folders	Generate ICS-309 Communication Log		; ; ; ;	it.	- 00
	Generate maps and CSV files for forms				
	Export messages				
ontacts	Import messages				
	Archive messages				

Notice the simplicity of the recipient address—just the call sign.

	Enter a new message	- 🗆 ×
Close	Select Template Attachments Post to Outbox Spell Check Save in Drafts	
From:	W7EFL v Send as: Winlink Message v Request message receipt Set Defaults	
<u>T</u> o:	N7VRL:	24 24
<u>C</u> c:		
Subject:	Demonstration Message	
<u>A</u> ttach:		

Post to the outbox

- When you have completed the message, click on "Post to Outbox". This will "park" your message waiting for you to connect. Nothing has been sent yet.
- Create any other messages you want to send so they can all be sent using the same session.
- Connect to the server by selecting "Open Session" and "Telnet Winlink". Start the session and you will send and receive any pending messages.

Receiving Messages

- If does <u>not</u> work just like your gmail or AOL account.
- There is no automatic notification that you have a message.
- You need to connect to the server to find out if you have any messages!
- Open a session to see if you have any messages. Don't forget to start the session.

Sending to non-WinLink Users

- You can send a message to an external domain. Just use the full email address including the domain when creating the message.
- In this case, I used <u>W7EFL@arrl.net</u>, which will forward to my gmail account.

1						Enter a new message			-	~
Close	Select Template	Attach	nments	Post to Outbo	x Spell C	Check Save in Drafts				
From:	W7EFL	~	Send as:	Winlink Messag	e v	Request message receipt	Set Defaults	3		
<u>T</u> o:	w7efl@arrl.ne	et;								
<u>C</u> c:										
Subject:	External Ema	il Demo	0							
<u>A</u> ttach:										

....and a few seconds later here it is

M External Email Demo - leblanef@	+ · · · · · ·	
← → C	/mail/u/0/?tab=rm&ogbl#inbox/FMfcgzGpFqdCPrVnHswDdQMqcRLdVLjr 😥 🚖 🔞 🖪 💆 🏇 🗌 nd Finance 📙 Tools & Woodwork 📙 bicycle 🧧 Telescopes 📙 movies and music 📮 montana 📑 Electronics 🔚 Medical 👔 Appleton Barber Su 🥁 Jetpack Admin 📒 Clock and watch 📑 Shooting 📒 Humor 💝 Chaplain Gary Jou 📔 Oth] 📀
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Inbox 1	External Email Demo D Index x	1
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 Important Sent 	This is a demonstration message.	•
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Categories		
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Join a meeting		
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Sending to a WinLink user

- As you can see from the previous example, the default email address for a WinLink user is *call sign*@winlink.org.
- Because a winlink message may be sent over HF radio links, there has to be a mechanism to cut out spam. We would have countless messages about our auto warranty without this.
- Start the subject line with //WL2K
- I have found this to be nearly impossible to explain to some folks, so you probably do not want to use WinLink to communicate with non-hams (and maybe even some hams).

Without the Subject Prefix "//WL2K"



With the //WL2K added—Success!

10 0 10 0 1T @ F ****	Attachments Move Io: Saved Items V De	elete Open Session: Telnet Winlink	✓ Logs	Help	
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/e session.					
System Folders	Date/Time v Message ID	Size Source Sender	Recipient	Subject	1
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ems (0) (0)	2021/11/10 18:28 DEY8ERKE87U	J 611 KF7AGO KF7AGO	W7EFL	Re: Testing	
ns (38)	2021/09/20 01:07 OU9DM29VVQO	U 808 KF7AGO KF7AGO	W7EFL	Re: Testing Tuesday	
tems (0)	2021/01/23 18:10 6Q9SZ34TSWG	9 2064 KF7AGO KF7AGO	W7EFL	Re: FW: Re: //WL2K ham classes	
nems (0)	2021/01/12 00:01 JZZ5VEK5F947	1266 KF7AGO KF7AGO	W7EFL	FW: Re: //WL2K ham classes	
Personal Folders	2020/12/25 16:33 0VFF12ASQIL9	1563 KF7AGO KF7AGO	W7EFL	//WL2K Re: ARES Comm guidelines	
	2020/11/18 17:57 AU7iB402QCWA	A 457 KF7AGO KF7AGO	W7EFL	//WL2K testing session	
	2020/11/07 21:27 32H2CVQZANB	6 1721 KF7AGO KF7AGO	W7EFL	//WL2K Re: November 17 Test	
	2020/10/21 14:21 405US6U0K114	1581 KF7AGO KF7AGO	W7EFL	//WL2K Re: Contact and Test information	
	2018/04/12 22:30 UCKDT3607QF/	A 988 SYSTEM WEBMASTER	W7EFL	Welcome to the Winink web ste!	
Global Folders	2018/04/12 22:16 VLSRBBGORSY	6 472 SYSTEM SERVICE	W7EFL	Password Recovery Address Change Notification	
Contacts					
	Message ID: ULY9Y83HL3NM				
	Message ID: ULY9Y83HL3NM Date: 2022/05/15 18:32				
	Message ID: ULY9Y83HL3NM Date: 2022/05/15 18:32 From: leblanef@gmail.com To: WTEFL				
	Message ID: ULY9Y83HL3NM Date: 2022/05/15 18:32 From: leblanef@gmail.com To: W7EFL Source: SMTP				
	Message ID: ULY9Y83HL3NM Date: 2022/05/15 18:32 From: leblane*gmail.com To: WTFRL Source: SMTP Downloaded-from: Telnet:cms.	Winlink.org			
	Message ID: ULY9YSSHL3NM Date: 2022/05/15 18:32 From: leblanef@gmail.com To: W7EFL Source: SNFP Downloaded-from: Telnet:oms. Subject: //WL2K Demo Message	Winlink.org			
	Message ID: ULY9Y89H3NM Date: 2022/05/15 16:32 From: leblanef@gmail.com To: WTEL Source: SMTP Downloaded-From: Telneticms. Subject: //WLXE Demo Message This is a demo message to sh	Winlink.org	ecific subjec	et line.	
	Message 10: ULY9Y59H130M Date: 2022/05/15 18:32 From: leblanef8gmail.com To:WTEL Source: SNTP Downloaded-from: Telnet:cms. Subject: //NL2R.Demo Message This is a demo message to sh	Winlink.org : sow the need for a very sy	ecific subjec	ct line.	
	Hermage ID: ULY9459HL33M Date: 2027/05/15 H132 From: leblanefggmail.com To: WTEL Source: SNT Downloade-from: Telnet:cos Subject: /NL2K Demo Message This is a demo message to sh	Winlink.org : Now the need for a very sp	ecific subjec	et line.	
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Radio mode

- This is a little more complex.
 - You need to connect your computer USB port to the HF radio.
 - Some radios have a built-in interface and all you need is the appropriate cable.
 - An external "adapter" or TNC may be required or desireable.
 - The Tigertronics SignaLink [™] USB is a very popular choice.
 - Go to the Tigertronics website and look up your radio to see what is required.
- As an example, the TenTec Jupiter shows the following part numbers:
 - Jupiter SLUSB5PD (ACCY) SLCAB5PD (ACCY) SLMOD5PD
 - \$139.95 + \$9.95 for the pre-configured jumper module or make up your own jumpers. Some recommend against the pre-configured module as a waste as it is easy to configure the jumpers yourself.

Connection

- Connecting the device is pretty simple.
 - One cable goes to the radio (get the correct cable for your radio from Tigertronics when ordering).
 - One cable goes to the USB port on your computer—power comes from the computer USB port.
 - Install the jumper module.



Figure 1 – Plug & Play Jumper Module properly installed notch to notch

Select the Appropriate Session Type

Oper	n Session:	Telnet Winlink	Y	Logs
		Telnet Winlink	~	
		Packet Winlink		
		Pactor Winlink		
в	Source	Ardop Winlink		ent
231	SMTP	Vara HF Winlink		
611	KF7AGO	Vara FM Winlink		
808	KF7AGO			
064	KF7AG0	Packet P2P		
266	KF7AGO	Robust Packet P2P		
563	KF7AGO	Ardop P2P		
457	KF7AGO	Vara FM P2P		
721	KF7AGO	Telnet P2P		
581	KF7AGO	Pactor Radio-only		
988	SYSTEM	Vara HF Radio-only		
472	SYSTEM	Vara FM Radio-only	EFL	

- As you can see there are many modes to choose from.
- Make use of the "Book of Knowledge" at the WinLink site for specifics about your radio and mode selection.
- You will need to select frequency, etc. on subsequent screens.
- <u>https://winlink.org/RMSChannel</u>
 <u>s</u>

RMS Channels

O Live System Information | Winlink × +

 \leftarrow \rightarrow C \triangleq winlink.org/RMSChannels

🔢 Apps 📙 Favorites 📕 Banking and Finance 📕 Tools & Woodwork 🔋 bicycle 📕 Telescopes 📲 movies and music 📲 montana 📲 Electronics 📲 Medical 👔 Appleton Barber Su... 👾 Jetpack Admin 📒 Clock and watch 📲 Shooting 📒 Humor 💗 Chaplain Gary Jou...

• EMCOMM is for emergency gateways that do not allow public access.

 Other codes are used by groups who wish to keep gateway information private. If your group uses a special service code, please contact your group to obtain it. The Winlink Team does not distribute that information.

Stations listed in red have not yet applied to the network administrator for authorization. They are not available for service. Inaccuracies should be reported to the gateway sysop. Hover over the callsign for their contact information.

- Chai							
O Packet	Pactor Robus	st Packet O ARDOP	Ovara Ovara fm	Servi	ice code(s): PU	BLIC	
Posted	Callsign	Grid Square	Center Frequency	Mode	Hours	QTH	
171715Z	SP6BWS	GK03ED	3,647.000 KHz	Pactor 3,4	00-23	BRIDGESTOWN, -, Barbados	
171715Z	SP6BWS	GK03ED	7,092.000 KHz	Pactor 3,4	00-23	BRIDGESTOWN, -, Barbados	
171715Z	SP6BWS	GK03ED	10,147.500 KHz	Pactor 3,4	00-23	BRIDGESTOWN, -, Barbados	
171715Z	SP6BWS	GK03ED	14,118.000 KHz	Pactor 3,4	00-23	BRIDGESTOWN, -, Barbados	
171715Z	SP6BWS	GK03ED	18,098.100 KHz	Pactor 3,4	00-23	BRIDGESTOWN, -, Barbados	
171622Z	AB4NX	EM74SL	3,588.500 KHz	Pactor 3	00-23	Stone Mountain, GA, USA	
171622Z	AB4NX	EM74SL	7,103.000 KHz	Pactor 3	00-23	Stone Mountain, GA, USA	
171622Z	AB4NX	EM74SL	28,134.000 KHz	Pactor 3	00-23	Stone Mountain, GA, USA	
171844Z	AG6QO	CM98AM	3,586.500 KHz	Pactor 1,2,3	00-23	Winters, CA, USA	
171844Z	AG600	CM98AM	7.103.500 KHz	Pactor 1.2.3	00-23	Winters, CA, USA	
171844Z	<u>AG600</u>	CM98AM	14,111.000 KHz	Pactor 1,2,3	00-23	Winters, CA, USA	
171758Z	AJ4FW	FM07BC	3,595.000 KHz	Pactor 1,2,3	00-23	Wirtz, Virginia, USA	
171758Z	AJ4FW	FM07BC	7,103.600 KHz	Pactor 1,2,3	00-23	Wirtz, Virginia, USA	
171758Z	AJ4FW	FM07BC	10,146.400 KHz	Pactor 1,2,3	00-23	Wirtz, Virginia, USA	
171758Z	AJ4FW	FM07BC	14,098.100 KHz	Pactor 1,2,3	00-23	Wirtz, Virginia, USA	
171742Z	AJ4GU	EM83AL	7,103.800 KHz	Pactor 1,2,3	00-23	MCDONOUGH, GA, USA	
171645Z	AJ7C	DM04TA	3,597.000 KHz	Pactor 1,2,3	00-23	Culver City, CA, USA	
171645Z	AJ7C	DM04TA	7,102.000 KHz	Pactor 1,2,3	00-23	Culver City, CA, USA	
171645Z	AJ7C	DM04TA	14,108.000 KHz	Pactor 1,2,3	00-23	Culver City, CA, USA	
171900Z	AK4ZX	EM75KA	3,589.000 KHz	Pactor 1,2,3	00-23	Chattanooga, TN, USA	
171900Z	AK4ZX	EM75KA	7,103.500 KHz	Pactor 1,2,3	00-23	Chattanooga, TN, USA	
171900Z	AK4ZX	EM75KA	10,146.200 KHz	Pactor 1,2,3	00-23	Chattanooga, TN, USA	
171900Z	AK4ZX	EM75KA	14,110.500 KHz	Pactor 1,2,3	00-23	Chattanooga, TN, USA	
171747Z	BD4OS	PM17BM	3,597.000 KHz	Pactor 3,4	23-13	Weihai, Shandong, China	
171747Z	BD4OS	PM17BM	5,363.000 KHz	Pactor 3,4	00-23	Weihai, Shandong, China	
171747Z	BD4OS	PM17BM	7,094.000 KHz	Pactor 3,4	00-23	Weihai, Shandong, China	
171747Z	BD4OS	PM17BM	10,147.000 KHz	Pactor 3,4	23-13	Weihai, Shandong, China	
171747Z	BD4OS	PM17BM	14,115.000 KHz	Pactor 3,4	23-13	Weihai, Shandong, China	
171747Z	BD4OS	PM17BM	18,109.500 KHz	Pactor 3,4	23-13	Weihai, Shandong, China	
171747Z	BD4OS	PM17BM	21,110.000 KHz	Pactor 3,4	23-13	Weihai, Shandong, China	
171900Z	CTICPS	IM59NE	3,610.100 KHz	Pactor 1,2,3	00-23	Lapa-Cartaxo, Ribatejo, Portugal	
171900Z	CTICPS	IM59NE	7,046.000 KHz	Pactor 1,2,3	00-23	Lapa-Cartaxo, Ribatejo, Portugal	
171900Z	CTICPS	IM59NE	10,144.500 KHz	Pactor 1,2,3	00-23	Lapa-Cartaxo, Ribatejo, Portugal	
171900Z	CTICPS	IM59NE	14,105.000 KHz	Pactor 1,2,3	00-23	Lapa-Cartaxo, Ribatejo, Portugal	
171900Z	CT1CPS	IM59NE	18,107.000 KHz	Pactor 1,2,3	00-23	Lapa-Cartaxo, Ribatejo, Portugal	
171732Z	DASUDI	JO30QJ	7.051.800 KHz	Pactor 1.2.3.4	00-23	Kruft, RLP, Germany	

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Other bookmarks

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What's all the fuss about forms?

- WinLink uses form templates to send information easily and efficiently.
 - We all know that the government must have forms to survive, right?
- With the use of a library of forms that exists at each computer, all that needs to be transmitted is the intelligence to complete the form.
 - This saves bandwidth and is a necessary part of using HF for transmission of things like FEMA resource requests and things like that.
- There are even radiogram forms.
- When the form is received by an outside (of WinLink) user, a pdf is created to make it look right for the end user.

Form Updates

- Since only the data to fill out the from is transmitted, it is important to have common templates for all users.
- The form updates are regularly pushed.
- It only takes a few seconds to update the forms using a Telnet session.

Example of Update Push



Using a Form

- To use a form, create a new message and click on "Select Template"
- The template manager menu will come up.
- Select the category and the form you want to use.
- This will open a form <u>in your</u> <u>browser.</u>
- For this example, I will use the Radiogram.



Radiogram Form

Amateur Radio RADIOGRAM Text Creator	and Instructions!	
Number Precedence Handling Instructions Station Of Origin Check Place of Origin 4 R NONE W7EFL 0 0 0	Time Optional	Date MAY 15
SVC (Handler use)	Current UTC Til Current Local T No Time	me ime
TO: Name: FIRST AND LAST NAME MINIMUM Call Sign: IF ANY OR KNOWN Address: OPTIONAL City / Town: VERIFY YOUR SPELLING State or Province: ST 2Letter Codes Zip: USA/CAN Country: OPTIONAL Phone: 555 555 5555 Extension: #*s ONLY E-mail: NEED EMAIL, PHONE, OR BOTH TO ENSURE DELIVERY. On Note shout this Redisorem: OPTIONAL - KEEP IT SU/OPTI		
MESSAGE TEXT Check: 0 ARL Message Numbering Help. SUGGESTION IS NO MORE THAN 25 GROUPS (WORDS)		
Click here to preview for accuracy BEFORE you SUBMIT		
Signature (name) of person for whom message originated: PERSON WHO ORIGINATED THIS MESSAGE Operator Note: OPTIONAL - KEEP IT SHORTI		
NOW CLICK HERE and select a Liaison Station <<< YOU MAY ENTER ANY ADDRESS HERE Submit Reset Form Contact KB1TCE about this form: Ver 10.5		

Filled out

Amateu	Radio RADIC	GRAM Text	Creator Read He	Ip and Instructions!	
Number Precedence Handling Instructions 6 R R NONE	Station Of Origin W7EFL	Check 12	Place of Origin KALISPELL MT	Time	Date MAY 15
SVC (Handler use)	Change if not you.			Current UTC T Current Local No Time	îme Time
то:					
Name: VICKIE LEBLANC Ca	II Sign: N7VRL				
Address: OPTIONAL					
City / Town: KALISPELL	State or Provi	nce: MT <u>2.Lette</u>	r Codes Zip: 59901		
Country: OPTIONAL					
Phone: 406 257 0547 Extension: #'s ONLY E-	mail: NEED EMAIL, PHON	E, OR BOTH TO ENSURE	E DELIVERY.		
Op Note about this Radiogram: OPTIONAL - KEEP IT SHORT!					
MESSAGE TEXT Check: 12 ARL Message N	imbering Help				
THIS IS A TEST MESSAGE X NOTICE THAT THE CHECK UPDATES AUTOMATICALLY					
Click here to preview for accuracy BEFORE you SUBMIT					
Signature (name) of person for whom message originated: ED LE Operator Note: OPTIONAL - KEEP IT SHORTI	BLANC				
NOW CLICK HERE and select a Liaison Station <<< RRI-Reg	ion7;				
Submit Reset Form Contact KB1TCE about this form: Ver 10.5					

- There are links embedded in the form for help and instructions.
- You may want to read the instructions, but where is the fun in that?
- Hit submit and see what happens.
- Prompt comes up to close browser window to complete submission of form.

Post and send

- When the form is completed, post to the outbox and send.
- If you want it to go to a specific email address, enter that address in the Liason Station Box (sometimes reading the instructions is a good thing).

Summary

- WinLink is not a substitute nor replacement for modes like PSK31. If you think it is, you will be disappointed in it.
- WinLink is a valuable addition to the tools used for EmComm operations.
- The ability to send and receive email without an internet connection makes it attractive in times of emergency.
- The use of standardized forms makes it convenient to send and receive data in formats useful to various agencies
- This was just to get you started and see if you have any interest.
- If you decide to download WinLink Express, send me a note at W7EFL.

Additional Information

- https://en.wikipedia.org/wiki/Winlink
- <u>https://winlink.org/content/winlink_book_knowledge</u>
- <u>https://www.tigertronics.com/</u>