



# PROCEDIMENTOS BÁSICOS PARA INSTALAÇÃO E USO

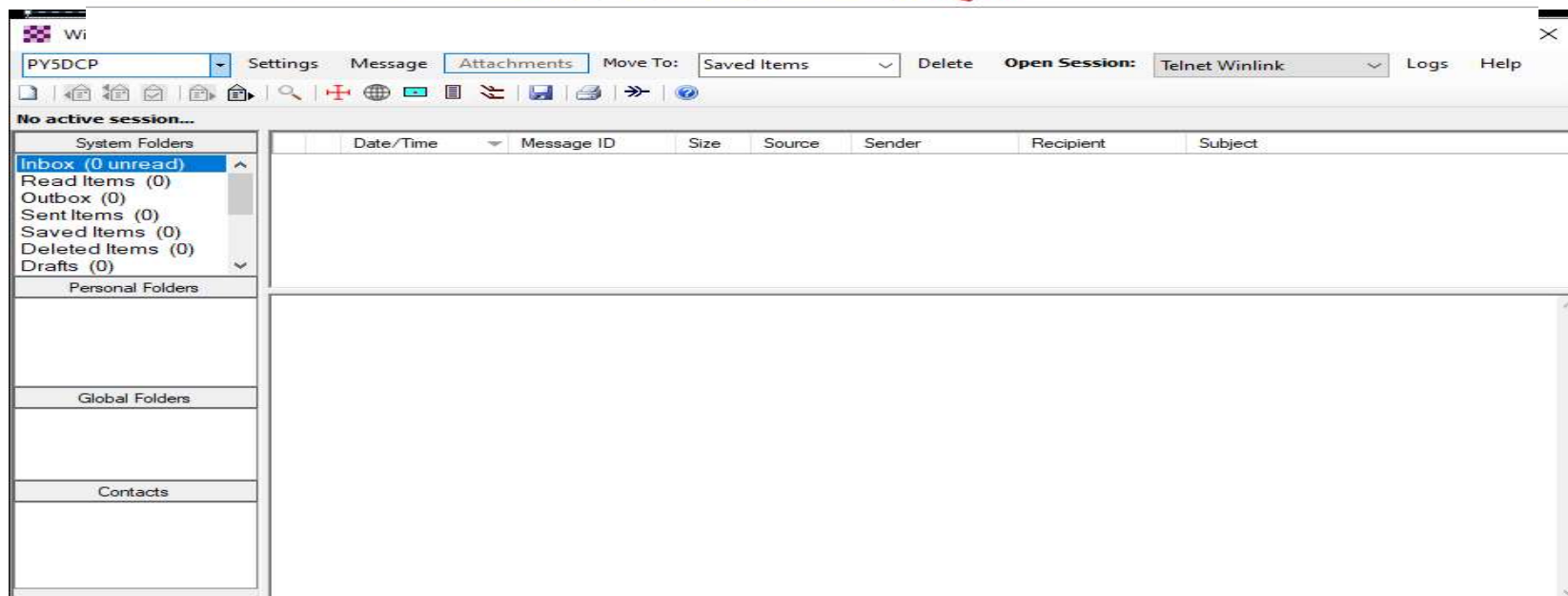
baixar <https://downloads.winlink.org/User%20Programs/>

## downloads.winlink.org - /User Programs/

[To Parent Directory]

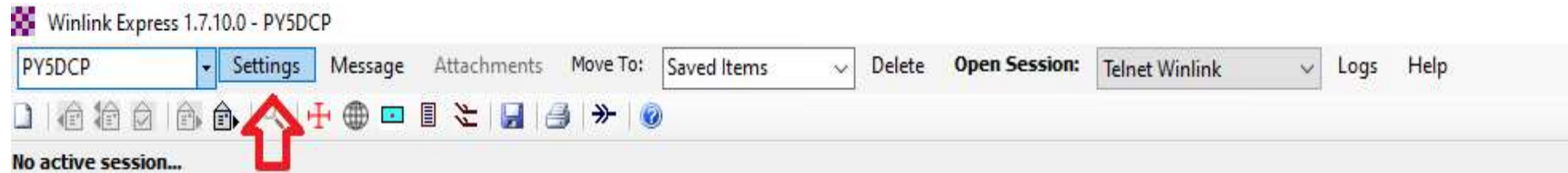
6/3/2023	6:34 PM	626	<a href="#">latest VARA Modem download site.rtf</a>	←
6/3/2023	6:34 PM	1846835	<a href="#">Paalink_install_4-3-11-0.zip</a>	
6/3/2023	6:34 PM	1101	<a href="#">README_Software_install_instructions.txt</a>	
6/3/2023	6:33 PM	847697	<a href="#">RMS_Link_Test_install_2-0-24-0.zip</a>	
6/3/2023	6:34 PM	12176	<a href="#">SCS_PTC-IIusb_and_end_of_PTC-IIusb_Iipro_iiex.pdf</a>	
10/9/2023	7:04 PM	2148107	<a href="#">Standard_Forms.zip</a>	
10/10/2023	6:44 PM	39986128	<a href="#">Winlink_Express_install_1-7-10-0.zip</a>	←

programas principais



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# CONFIGURAÇÃO INICIAL



Winlink Express Properties

Call Signs

My Callsign:  My Password:

Call sign suffix (optional):  (Used for country code)

Password recovery e-mail:   
(Non-Winlink e-mail address where lost password will be sent when requested)

Auxiliary Callsigns and Tactical Addresses

My Grid Square:

Winlink Express registration key:

Service Codes

(Use PUBLIC for ham call signs. Separate multiple service codes by spaces.)  
If you change service codes, you must update the list of channels.

Contact Information (Optional)

Name:

Street address 1:

Street address 2:

City:

State/Province:

Country:

Postal code:

Web Site URL (optional):

Phone number:

Non-Winlink e-mail:

Additional information (optional):

Recalculate HF path quality if SFI changes more than:

Keep logs for  weeks. Keep deleted messages for  days.

Display list of pending incoming messages prior to download

Warn about connections to stations holding messages

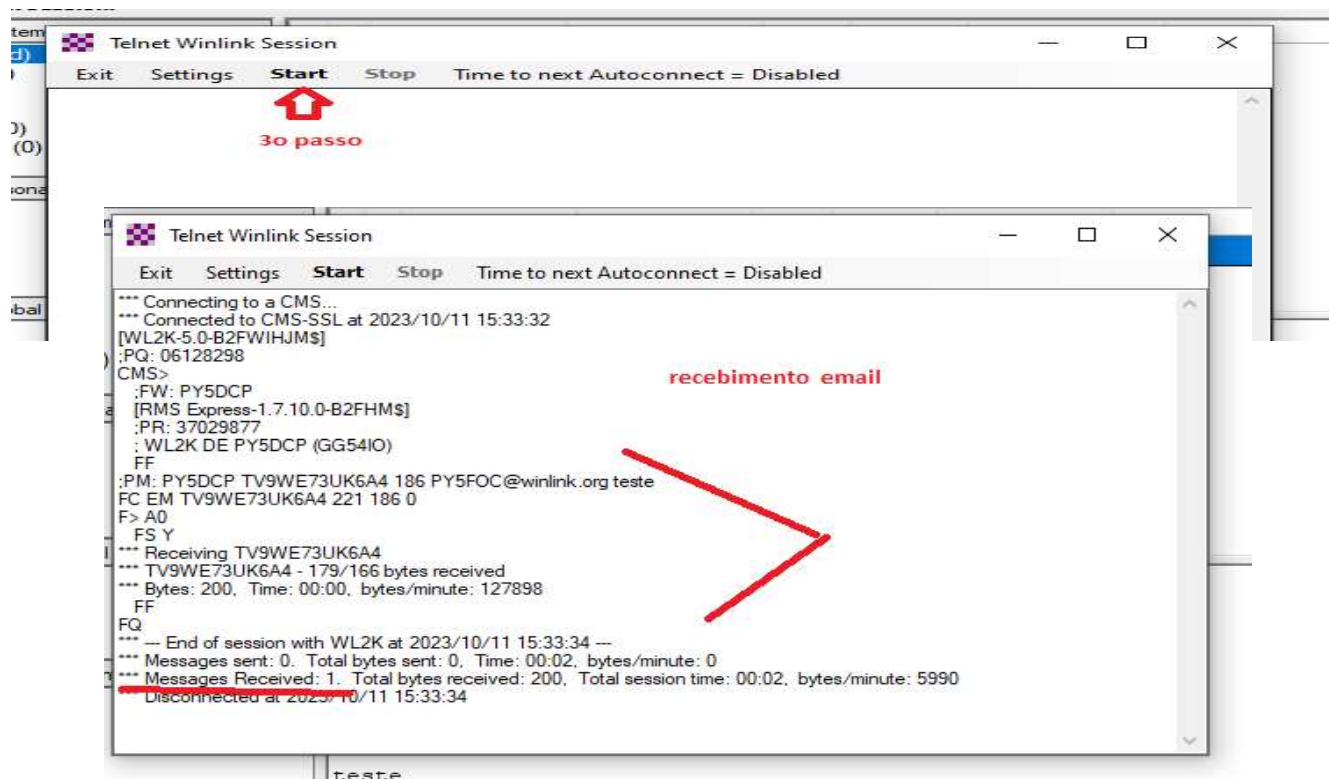
Allow diagnostic information to be sent to the Winlink Development Team

Automatically install field-test (beta) versions of Winlink Express

Automatically install updates without prompting

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# RECEBENDO OU ENVIANDO EMAIL VIA TEL NET (REDE DE DADOS)



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# RECEBENDO E ABRINDO EMAIL

Winlink Express 1.7.10.0 - PY5DCP

PY5DCP Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

In Telnet Winlink session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (0 unread)	2023/10/11 15:32	TV9WE73UK6A4	180	PY5FOC	PY5FOC	PY5DCP	teste
Read Items (0)							
Outbox (0)							
Sent Items (0)							
Saved Items (0)							

  clicar 2x para abrir

TV9WE73UK6A4 - teste

Close Print View Attachments Reply Reply All Acknowledge Forward Delete

Message ID: TV9WE73UK6A4  
Date: 2023/10/11 15:32  
From: PY5FOC  
To: PY5DCP  
Source: PY5FOC  
Downloaded-from: Telnet:cms.winlink.org  
Location: 25.479167S, 49.291667W (GRID SQUARE)  
Subject: teste

teste

PY5FOC

# RECEBENDO OU ENVIANDO EMAIL VIA RADIO HF

Winlink Express 1.7.10.0 - PY5DCP

PY5DCP Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

No active session.

System Folders	Date/Time	Message ID	Size	Source	Sender
Inbox (0 unread)	2023/10/11 15:32	TV9WE73UK6A4	180	PY5FOC	PY5FOC
Read Items (0)					
Outbox (0)					
Sent Items (1)					
Saved Items (0)					
Deleted Items (0)					
Drafts (0)					

Open Session dropdown menu:

- Telnet Winlink
- Packet Winlink
- Pactor Winlink
- Robust Packet Winlink
- Ardop Winlink
- Vara HF Winlink
- Vara FM Winlink
- Iridium GO Winlink
- 
- Packet P2P
- Pactor P2P
- Robust Packet P2P

opção hf via ARDOP ou VARA HF

Winlink Express 1.7.10.0 - PY5DCP

PY5DCP Settings Message Attachments Move To: Saved Items Delete Open Session: Ardop Winlink Logs Help

OPÇÃO ardop

No active session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (0 unread)	2023/10/11 15:32	TV9WE73UK6A4	180	PY5FOC	PY5FOC	PY5DCP	teste
Read Items (0)							

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# RECEBENDO OU ENVIANDO EMAIL VIA HF CONFORME ESTAÇÃO SYSOP EM ARDOP



The image shows two overlapping software windows. The top window is titled "Ardop Winlink Session - PY5DCP" and contains a menu bar with "Exit", "Settings", "Channel Selection", "Map", "Forecast", "Best chan.", "Next chan.", "Start", "Stop", and "Abort". Below the menu bar are input fields for "indicativo sysop", "Center Freq. (kHz): qrg centro", "Dial Freq. (kHz): qrg dial", "Bearing: 180", and "Quality: 96". A status bar at the bottom of this window reads "Channel Free In: 0/0 Out: 0/0 BPM: 0/0 Initializing the Ardop TNC...". The main content area displays a list of stations:

SYSOP	15METROS	PT2AA	21095,50	21094,00	SEMPRE EM usb
	40 METROS	PY5FOC	7048,50	7047,00	

Below the table, it says "outros SYSOP PARA CONEXÃO VERIFICAR DISPONIBILIDADE NO SITE" followed by the URL <https://www.winlink.org/RMSchannels>. The bottom window is titled "ARDOP\_Vin Virtual TNC Ver: 1.0.2.6" and has a menu bar with "File", "Graphics", "Send", "Abort", "Logs", and "Help". It features a "Rcv Level" meter, an "Offset" field, and a "State" dropdown set to "DISC". At the bottom, it shows "Quality: -1200", "CF: 1.5 KHz", and "Host: TCPIP on port 8200,8201". A chat window on the left shows "Subject: teste" and "teste".

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# RECEBENDO OU ENVIANDO EMAIL VIA VARA HF

Winlink Express 1.7.10.0 - PY5DCP

PY5DCP Settings Message Attachments Move To: Saved Items Delete Open Session: Vara HF Winlink Logs Help

var a hf

o active session.

Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
2023/10/11 15:32	TV9WE73UK6A4	180	PY5FOC	PY5FOC	PY5DCP	teste

Winlink Express 1.7.10.0 - PY5DCP

PY5DCP Settings Message Attachments Move To: Saved Items Delete Open Session: Vara HF Winlink Logs Help

In Vara HF Winlink Session - PY5DCP

Exit Settings Channel Selection Map Forecast Auto-connect Next chan. Start Stop Abort

SYSOP Center Freq. (kHz): QRG CENTRO Dial Freq. (kHz): QRG DIAL g: 008 Quality:

Favorites: LU4AA @ 14095,50 [2300] Select Add to favorites Remove favorites

Channel Free In: 0/0 Out: 0/0 BPM: 0/0 Disconnected

\*\*\* Launching VARA TNC  
\*\*\* Successfully connected to VARA TNC at 127.0.0.1 port 8300  
\*\*\* Vara signal bandwidth is 2300 Hz.  
\*\*\* Using Yaesu FT-857, COM6, 4800 baud  
\*\*\* Ready

SYSOP 10 METROS	LU4AA	28095,50	28095,00	SEMPRE EM usb
	PY2FLP	28131,50	281330,00	
SYSOP 15 METROS	PT2AA	21068,50	21094,00	
SYSOP 40 METROS	LU4AA	7045,50	7044,00	
	PY5FOC	7048,50	7047,00	

outros SYSOP PARA CONEXÃO VERIFICAR DISPONIBILIDADE NO SITE  
<https://www.winlink.org/RMSchannels>

Subject: teste

PY5FOC



# RECEBENDO E ABRINDO EMAIL

Winlink Express 1.7.10.0 - PY5DCP

PY5DCP Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

In Telnet Winlink session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (0 unread)	2023/10/11 15:32	TV9WE73UK6A4	180	PY5FOC	PY5FOC	PY5DCP	teste
Read Items (0)							
Outbox (0)							
Sent Items (0)							
Saved Items (0)							

  clicar 2x para abrir

TV9WE73UK6A4 - teste

Close Print View Attachments Reply Reply All Acknowledge Forward Delete

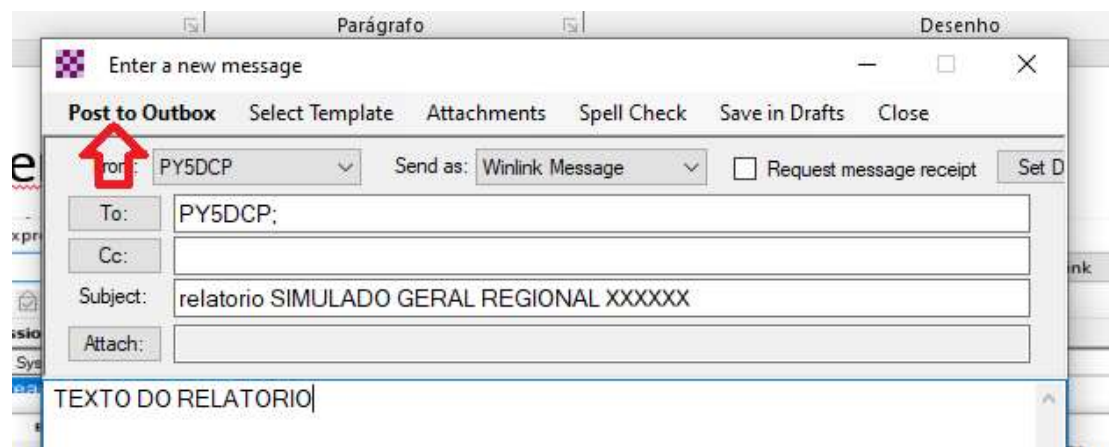
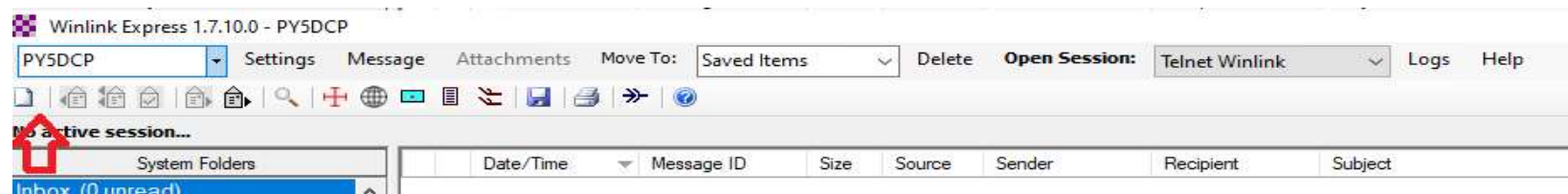
Message ID: TV9WE73UK6A4  
Date: 2023/10/11 15:32  
From: PY5FOC  
To: PY5DCP  
Source: PY5FOC  
Downloaded-from: Telnet:cms.winlink.org  
Location: 25.479167S, 49.291667W (GRID SQUARE)  
Subject: teste

teste

PY5FOC



# Criar email



# ENVIANDO EMAIL PASSO A PASSO VIA TELNET

The screenshot shows the Winlink Express 1.7.10.0 - PY5DCP interface. The main window displays a list of messages in the Outbox. A red arrow points to the 'Open Session:' dropdown menu, which is set to 'Telnet Winlink'. Below the main window, there are two overlapping 'Telnet Winlink Session' windows. The top window has a red arrow pointing to the 'Start' button. The bottom window shows the telnet session log, with a red arrow pointing to the line 'Sent 1 message. Bytes: 252, Time: 00:00, bytes/minute: 33396'.

Winlink Express 1.7.10.0 - PY5DCP

PY5DCP Settings Message Attachments Move To: Saved Items Delete Open Session: Telnet Winlink Logs Help

ENVIAR VIA TELNET

No active session.

System Folders	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
Inbox (0 unread) Read Items (0) Outbox (1) Sent Items (0) Saved Items (0)	2023/10/11 15:32	TV9WE73UK6A4	180	PY5FOC	PY5FOC	PY5DCP	teste

Telnet Winlink Session

Exit Settings Start Stop Time to next Autoconnect = Disabled

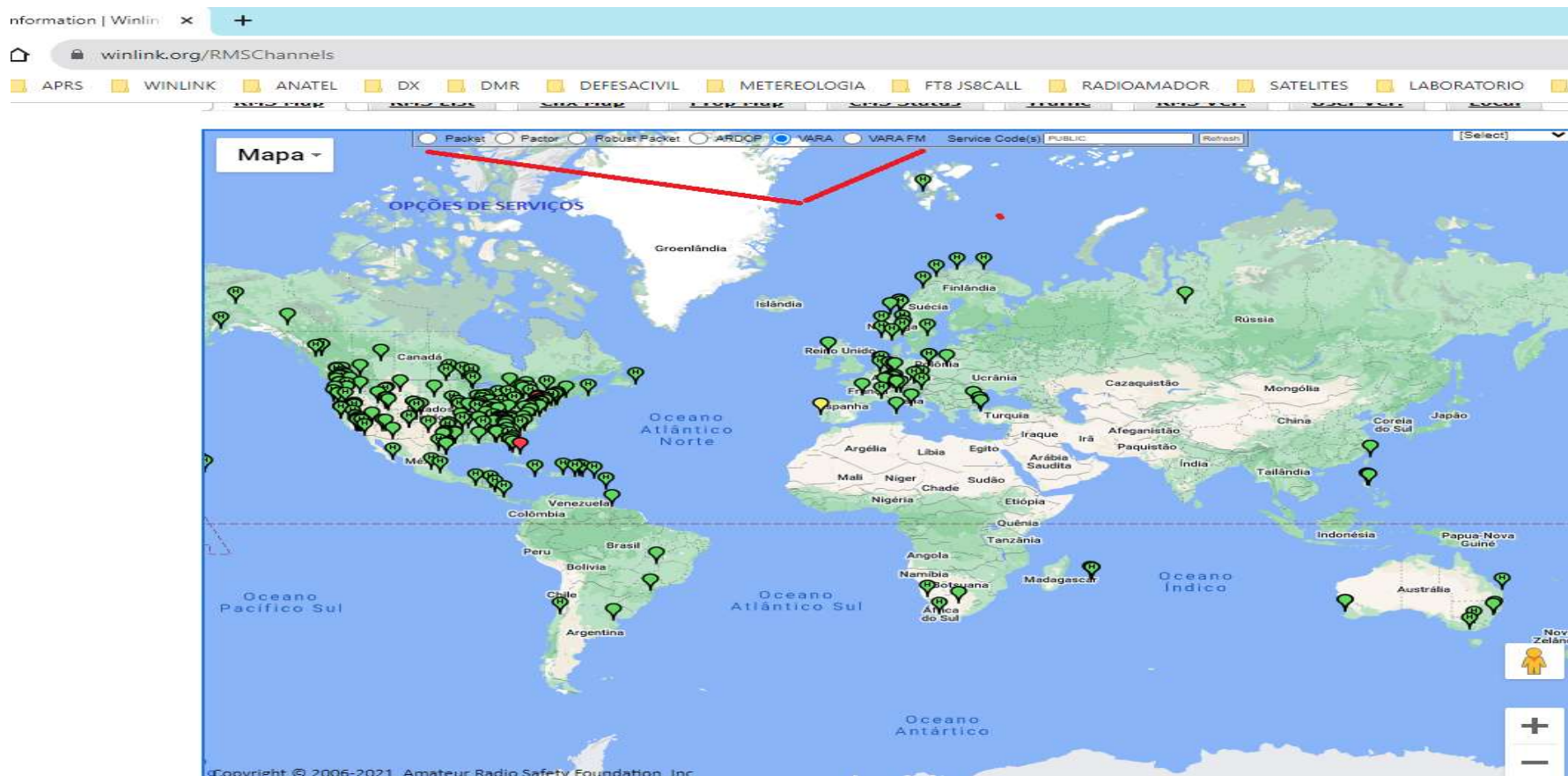
Telnet Winlink Session

```
Exit Settings Start Stop Time to next Autoconnect = Disabled
*** Connecting to a CMS...
*** Connected to CMS-SSL at 2023/10/11 15:42:55
[WL2K-5.0-B2FWIHJMS]
:PQ: 20457708
CMS>
:FW: PY5DCP
[RMS Express-1.7.10.0-B2FHM$]
:PR: 29073552
:WL2K DE PY5DCP (GG54IO)
FC EM NT88VX0RBQ8Z 230 203 0
F> 77
FSY
*** Sending NT88VX0RBQ8Z.
FF
*** Completed send of message NT88VX0RBQ8Z
*** Sent 1 message. Bytes: 252, Time: 00:00, bytes/minute: 33396
***
*** -- End of session with WL2K at 2023/10/11 15:43:01 --
*** Messages sent: 1. Total bytes sent: 252. Time: 00:05, bytes/minute: 2741
*** Messages Received: 0. Total bytes received: 0. Total session time: 00:05, bytes/minute: 0
*** Disconnecting
*** Disconnected at 2023/10/11 15:43:01
```

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# MAPA PARA ESCOLHA DE ESTAÇÕES SYSOP VIA RÁDIO

<https://www.winlink.org/RMSChannels>



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- Esperamos que tal arquivo possa auxiliar no processo de utilização do programa Winlink, o qual é disponível de forma gratuita para os radioamadores a nível mundial como ferramenta operacional de rádio emergência para envio de relatórios mais detalhados , listas , etc através de email principalmente quando não há rede de dados.
- Tal programa pode ser utilizado para envio de grandes volumes de informações direto do local de crise ou posto de comando avançado para Sede da Defesa Civil ou diretamente para entidades oficiais envolvidas em suas contas oficiais de correio eletrônico durante o evento em questão, não se limitando somente ao envio para estações radioamadoras, principalmente quando não há internet /rede de dados no local do evento .
- Vantagem , se olharmos de forma comparativa o envio de volumes expressivos de informações, Rádio Fonia X Winlink Digital, listas entre outros, seria demandado um tempo maior para envio destas pelo modo fonia, oque especificamente o modo Fonia fica direcionado para ações mais pontuais ou agudas para pronto atendimento de vítimas , questões operacionais próximo ao local do evento através de outras bandas como VHF/UHF ou caso seja HF dependendo da localização, a ferramenta Winlink então pode ser utilizada principalmente em situações de grandes áreas atingidas por desastres sejam elas provocadas pelo homem ou adventos da natureza sem nenhuma infra- estrutura de rede de dados através de estações portáteis (Rádio HF, Interface, notebook, antena especifica a banda que pretenda utilizar, sistema alternativo de energia bateria ou gerador) para envio de tais informações com excelentes resultados por haver disponibilidade de várias estações Sysop em várias bandas de operação para radioamadores a nível mundial

73 de PY5FOC Radioamador voluntário da REER (Rede Estadual de Emergência de Radioamadores do Paraná) vinculada à Defesa Civil Estadual do Paraná.

Outubro de 2023