

OUTPOST PACKET MESSAGE MANAGER

FOCUS ON THE MESSAGE, NOT ON THE MEDIA



WHAT IS OUTPOST?

- Outpost is an easy-to-use program that lets the packet operator focus on the "message," not the "medium"
- Designed for the Amateur Radio ARES/RACES packet user community
- Provide an MS Windows-based packet messaging client
- Automate the packet message handling environment
- behaves like your email client to create, send, receive, read, delete, reply to, or forward messages

OUTPOST SYSTEM REQUIREMENTS

- **Microsoft Windows:** 98 2nd Edition NT, 2000, ME, XP, Vista Windows 7, 8, 8.1, and 10
- **Linux running WINE:** O/S Wine Status Ubuntu 14.04.2 Wine 1.6.2 - Linux Lite 2.8 Wine 1.7.55 - Zorin OS9 Lite Wine 1.7 - openSuSE 42.1 Wine 1.8.1-6.1 - openSuSE 13.1 Wine 1.7.2-2.1
- **Mac Book Pro, INTEL:** Requires a product called Crossover MAC from the Codeweavers site (<http://www.codeweavers.com>). This configuration was confirmed to access the BBS's using the TELNET. Serial Port use was not confirmed.

OUTPOST HARDWARE REQUIREMENTS

- **Processor:** Intel-based; required to support any of the above Operating Systems.
- **Interfaces:** One or more of the following: Serial Port: An available Serial Port for Serial or AGWPE interfacing, or USB port: Any compatible USB-to-Serial adaptor to connect to the TNC Network: Network interface for remote AGWPE or Telnet interfacing
- **Hard Drive:** Minimal; 10Mb should be more than sufficient to get started.
- **Peripherals:** Printer for message printing (if required)

A QUICK LOOK AT OUTPOST

Outpost Packet Message Manager

File Edit Setup Tools Forms Actions Help

New Open Archive Delete Print Send/Receive Profile: Outpost

Folder List

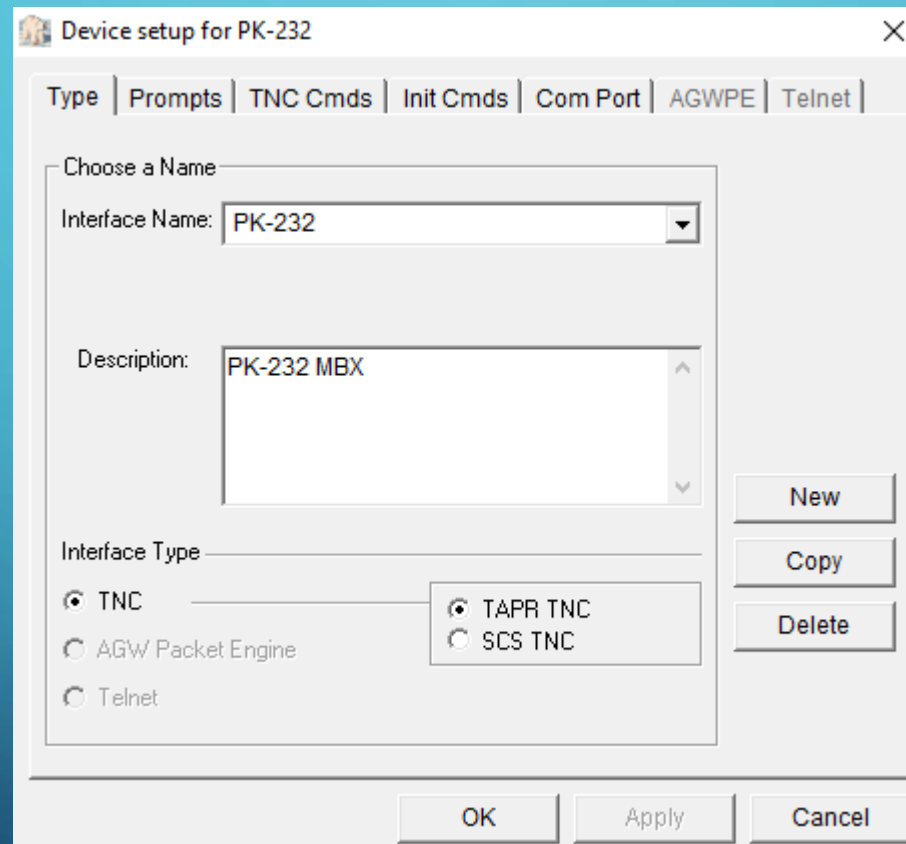
- In Tray
- Out Tray
- Sent Msgs
- Archive
- Draft Msgs
- Deleted
- Folder 1
- Folder 2
- Folder 3
- Folder 4
- Folder 5

In Tray

U	Type	From	To	BBS	Local ID	Subject	Date/Time	Size
		KK4YQV	N4RFC	KJ4UC-10		Re:Confirmation	6/23/2020 00:...	358
		SMTP:donniec52@gmail.com	N4RFC	KJ4UC-10		Re: Gateway testing	6/8/2020 14:08	1,890
		SERVICE	N4RFC	KJ4UC-10		Approval Needed for Message [A...	6/8/2020 12:48	656
		SMTP:donniec52@gmail.com	N4RFC	KJ4UC-10		//WL2k Back on line Bob.	6/7/2020 12:26	297
		KJ4UC	N4RFC;...	KJ4UC-10		Further Testing	6/7/2020 12:22	394
		KJ4UC	N4RFC;...	KJ4UC-10		Gateway testing	6/7/2020 12:03	705
		KJ4UC	N4RFC	K4WOC-10		Re: Test Message on HF	5/22/2020 14:...	551
		KJ4UC	N4RFC	KJ4UC-10		Re: Test message	5/20/2020 20:...	565
		KK4YQV	N4RFC	KJ4UC-10		Re:213-Cherokee ARES Weekly ...	2/11/2020 02:...	1,656
		KJ4UC	N4RFC	KJ4UC-10		//WL2K Re: Test Message	1/15/2020 00:...	325
		KJ4UC	N4RFC	KJ4UC-10		//WL2K Re: WX4NET	1/4/2020 23:42	734
		W3QA	SMTP:c...	KJ4UC-10		US THIRD-PARTY MESSAGES R...	7/20/2019 22:...	2,342
		W4OSS	N4RFC	KJ4UC-10		//WL2K Test message	4/5/2019 12:40	76
		KJ4UC	N4RFC	KJ4UC-10		//WL2K Re: KK4YLX-15	3/19/2019 10:...	612
		KJ4UC	N4RFC	N4BTA-10		RE: //WL2K Manual Connect	1/22/2019 14:...	1,652
		KJ4UC	N4RFC	KJ4UC-10		//WL2K Re: Manual Connect	1/21/2019 17:...	568
		SERVICE	N4NEJ; ...	KJ4UC-10		//WL2K User Notice	12/15/2018 17:...	2,248
		SERVICE	N4OLD;...	KJ4UC-10		//WL2K User Notice	11/30/2018 22:...	1,943
		KJ4UC	N4RFC	KJ4UC-10		//WL2K Re: Test connection on ...	11/27/2018 00:...	412
		KJ4UC	N4RFC	KJ4UC-10		Re: //WL2K Manual / Outpost Lo...	11/27/2018 00:...	1,913
		WEBMASTER	N4RFC	KJ4UC-10		Welcome to the Winlink web site!	11/24/2018 15:...	1,476
		KJ4UC	N4RFC	KJ4UC-10		//WL2K Re: Good Work	10/13/2018 23:...	718
		N4JGW	N4RFC	MDC		Another test	9/27/2018 10:...	222

Items: 57 Unread: 0 N4RFC -- N4JGW-1 -- PK-232 (Com2) 00:00:00 15:08:34

INTERFACE SETUP WINDOW



The screenshot shows a software window titled "Device setup for PK-232". It has a tabbed interface with the following tabs: "Type", "Prompts", "TNC Cmds", "Init Cmds", "Com Port", "AGWPE", and "Telnet". The "Type" tab is currently selected. Inside this tab, there is a section titled "Choose a Name" which contains an "Interface Name:" dropdown menu set to "PK-232" and a "Description:" text area containing "PK-232 MBX". Below this is the "Interface Type" section with three radio buttons: "TNC" (selected), "AGW Packet Engine", and "Telnet". A sub-panel for the "TNC" type shows two options: "TAPR TNC" (selected) and "SCS TNC". To the right of the form fields are three buttons: "New", "Copy", and "Delete". At the bottom of the window are three buttons: "OK", "Apply", and "Cancel".

Device setup for PK-232

Type | Prompts | TNC Cmds | Init Cmds | Com Port | AGWPE | Telnet

Choose a Name

Interface Name: PK-232

Description: PK-232 MBX

Interface Type

☒ TNC ☐ TAPR TNC ☐ SCS TNC

☐ AGW Packet Engine

☐ Telnet

New

Copy

Delete

OK Apply Cancel

BBS SETUP WINDOW

BBS setup for N4JGW-1

Name | Prompts | Commands | Init Commands | Retrieving | Path

BBS Name

BBS Name: N4JGW-1

Connect Name: N4JGW-1

Description: PBBS

BBS Type

☒ Let Outpost determine the BBS and set up the prompts

☐ User defines the BBS prompts

Non-Identifying BBSs

☐ AA4RE BBS

☐ AA4RE BBS with Tactical Call Customization

TNC Name

Set/Get TNC PK-232

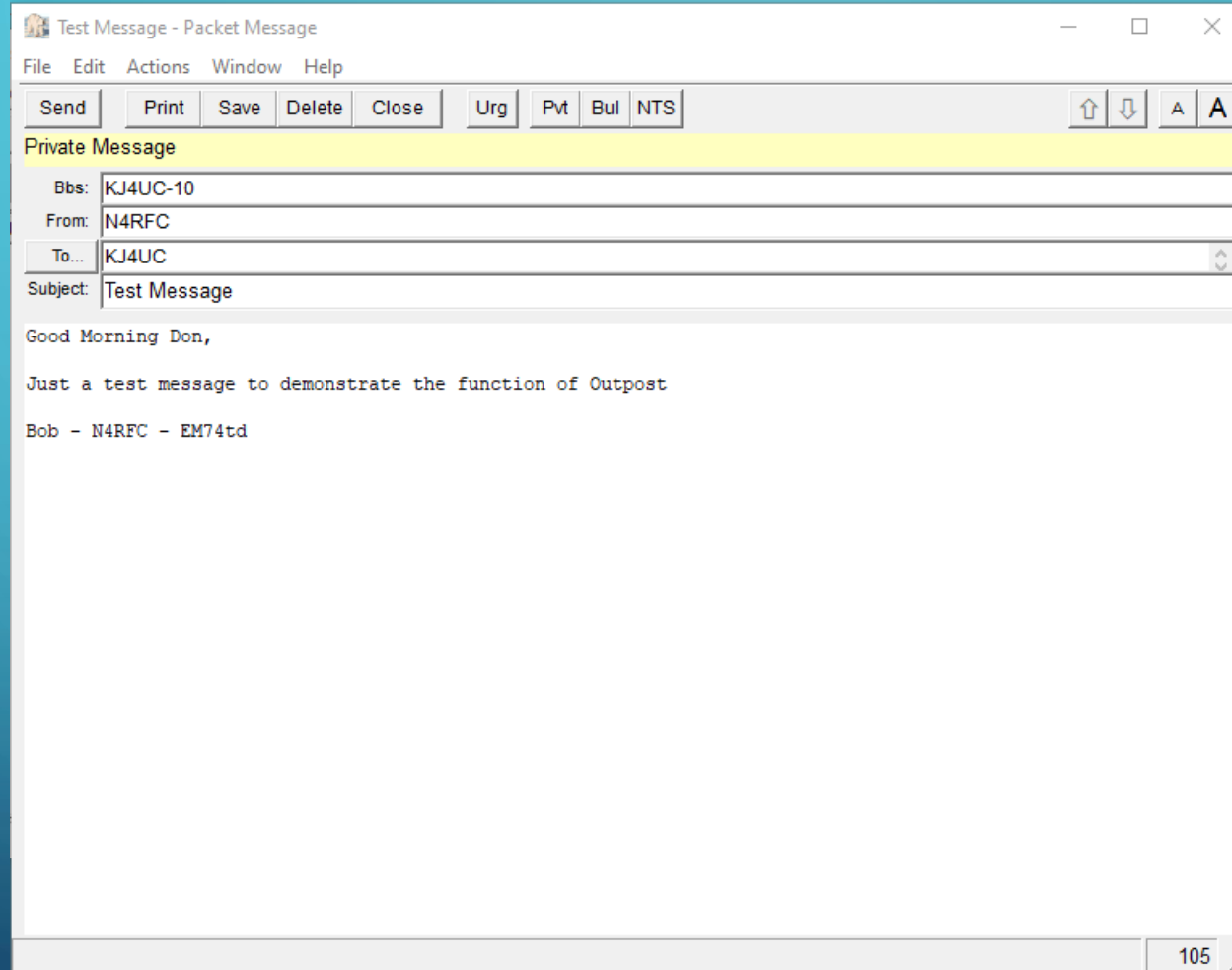
New

Copy

Delete

OK Apply Cancel

CREATE A MESSAGE



The screenshot shows a window titled "Test Message - Packet Message" with a standard menu bar (File, Edit, Actions, Window, Help) and a toolbar with buttons for Send, Print, Save, Delete, Close, Urg, Pvt, Bul, NTS, and formatting options (up/down arrows, bold A, italic A). The message fields are as follows:

Private Message	
Bbs:	KJ4UC-10
From:	N4RFC
To...	KJ4UC
Subject:	Test Message

The message body contains the following text:

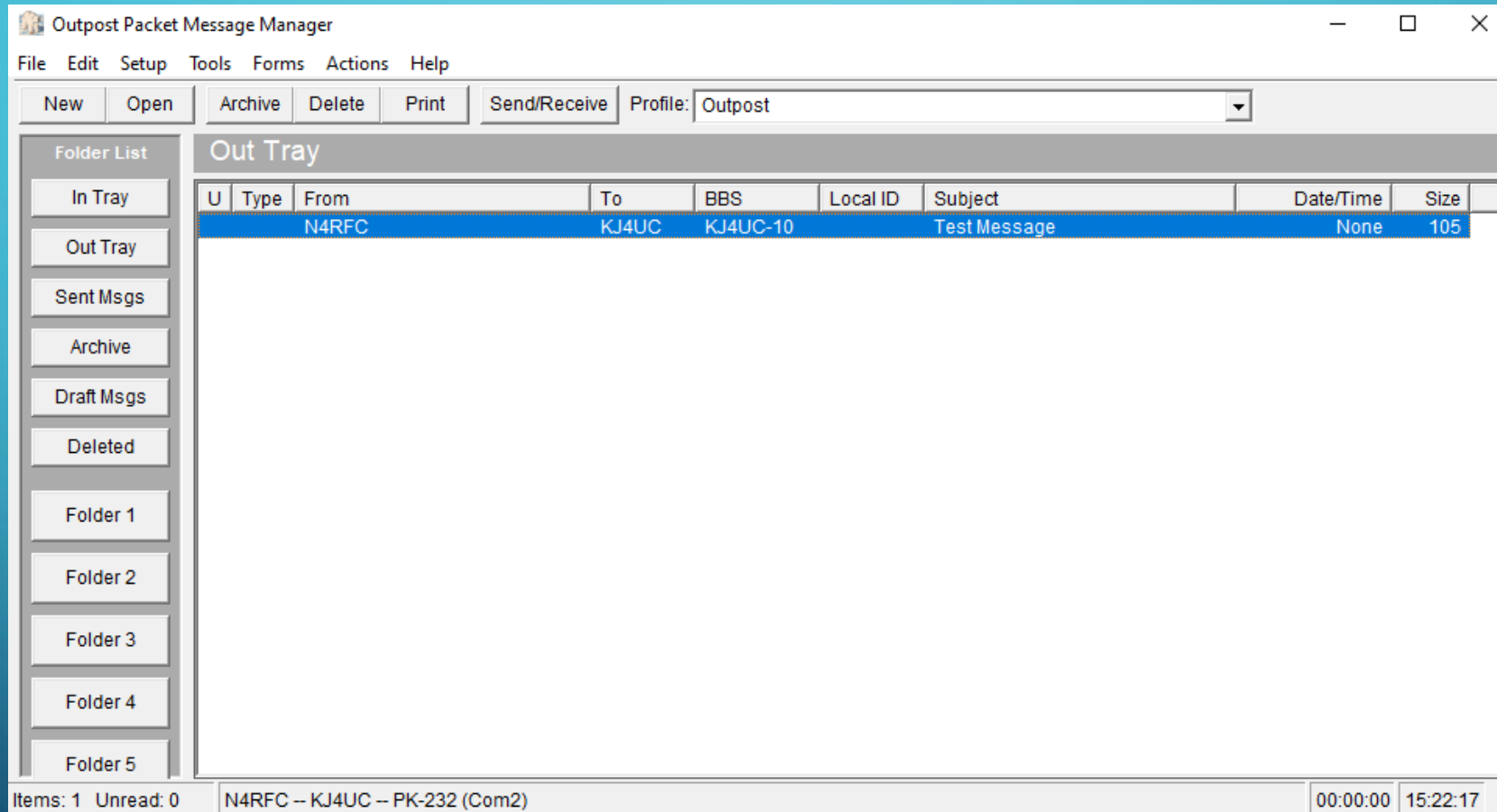
Good Morning Don,

Just a test message to demonstrate the function of Outpost

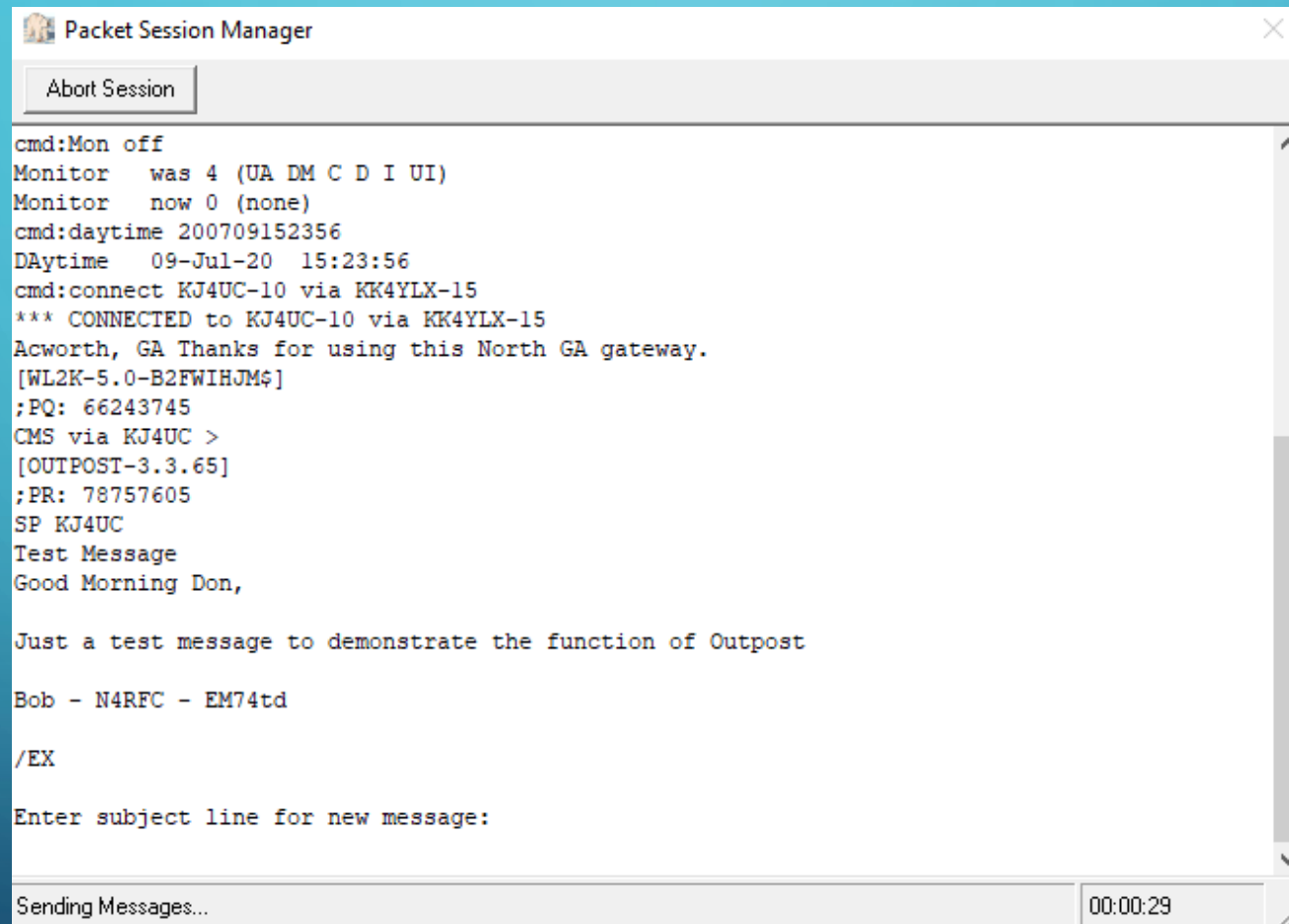
Bob - N4RFC - EM74td

The status bar at the bottom right indicates 105.

READY TO SEND A MESSAGE



CLICK “SEND/RECEIVE”



The screenshot shows a window titled "Packet Session Manager" with a close button in the top right corner. Below the title bar is a button labeled "Abort Session". The main area of the window contains a text-based session log. The log starts with "cmd:Mon off", followed by status changes for "Monitor". Then, "cmd:daytime 200709152356" is shown, along with the local "Daytime" timestamp "09-Jul-20 15:23:56". A connection is established: "cmd:connect KJ4UC-10 via KK4YLX-15" followed by "*** CONNECTED to KJ4UC-10 via KK4YLX-15". The gateway sends a message: "Acworth, GA Thanks for using this North GA gateway." followed by a header "[WL2K-5.0-B2FWIHJM\$]". The user responds with ";PQ: 66243745", "CMS via KJ4UC >", "[OUTPOST-3.3.65]", ";PR: 78757605", "SP KJ4UC", "Test Message", and "Good Morning Don,". The gateway responds with "Just a test message to demonstrate the function of Outpost". The user then sends "Bob - N4RFC - EM74td" and "/EX". The session ends with the prompt "Enter subject line for new message:". At the bottom of the window, there is a status bar with "Sending Messages..." on the left and a timer "00:00:29" on the right.

```
cmd:Mon off
Monitor   was 4 (UA DM C D I UI)
Monitor   now 0 (none)
cmd:daytime 200709152356
Daytime   09-Jul-20 15:23:56
cmd:connect KJ4UC-10 via KK4YLX-15
*** CONNECTED to KJ4UC-10 via KK4YLX-15
Acworth, GA Thanks for using this North GA gateway.
[WL2K-5.0-B2FWIHJM$]
;PQ: 66243745
CMS via KJ4UC >
[OUTPOST-3.3.65]
;PR: 78757605
SP KJ4UC
Test Message
Good Morning Don,

Just a test message to demonstrate the function of Outpost

Bob - N4RFC - EM74td

/EX

Enter subject line for new message:
```

Sending Messages... 00:00:29

MESSAGE SENT

Outpost Packet Message Manager

File Edit Setup Tools Forms Actions Help

New Open Archive Delete Print Send/Receive Profile: Outpost

Folder List

- In Tray
- Out Tray
- Sent Msgs
- Archive
- Draft Msgs
- Deleted
- Folder 1
- Folder 2
- Folder 3
- Folder 4
- Folder 5

Sent Folder

U	Type	From	To	BBS	Local ID	Subject	Date/Time	Size
	N4RFC		KJ4UC	KJ4UC-10		Test Message	7/9/2020 15:24	105
	N4RFC		N4JGW	N4JGW-1		Test Messages	7/1/2020 20:06	259
	N4RFC		KK4YQV	KJ4UC-10		RE: Re:Confirmation	6/24/2020 09:...	594
	N4RFC		KJ4UC;...	KJ4UC-10		RE: Gateway testing	6/8/2020 08:59	982
	N4RFC		SERVICE	KJ4UC-10		RE: Approval Needed for Messa...	6/8/2020 08:57	833
	N4RFC		KJ4UC	K4WOC-10		Gateway	6/5/2020 09:32	114
	N4RFC		KK4YQV	K4WOC-10		Confirmation	6/4/2020 09:09	121
	N4RFC		KJ4UC	KJ4UC-10		Test Message on HF	5/20/2020 17:...	316
	N4RFC		W4DTX	K4WOC-10		Hello Dave	4/30/2020 19:...	132
	N4RFC		KJ4UC	KJ4UC-10		Test Message	1/14/2020 17:...	83
	N4RFC		KJ4UC	KJ4UC-10		WX4NET	1/1/2020 23:26	130
	N4RFC		W4OSS	KJ4UC-10		December Test Message	12/12/2019 11:...	237
	N4RFC		W4OSS	KJ4UC-10		Test Message	7/23/2019 20:...	254
	N4RFC		W4OSS	KJ4UC-10		April Test Message	4/3/2019 16:28	93
	N4RFC		KJ4UC	KJ4UC-10		KK4YLY-15	3/18/2019 17:...	329
	N4RFC		KJ4UC	KJ4UC-10		KK4YLY-15	3/18/2019 11:...	231
	N4RFC		W1JKU	N4BTA-10		Test Message	3/11/2019 20:...	339
	N4RFC		W4OSS	N4BTA-10		New Gateway	2/1/2019 11:27	268
	N4RFC		KJ4UC	KJ4UC-10		RE: //WL2K Manual Connect	1/22/2019 09:...	1,252
	N4RFC		KJ4UC	KJ4UC-10		Manual Connect	1/21/2019 10:...	175
	N4RFC		KJ4UC	KJ4UC-10		Access with Outpost	11/24/2018 17:...	464
	N4RFC		KJ4UC	KJ4UC-10		Test connection on Outpost	11/24/2018 16:...	114
	N4RFC		KJ4UC	KJ4UC-10		Good Work	10/10/2018 10:...	254

Items: 67 Unread: 0 N4RFC -- KJ4UC -- PK-232 (Com2) 00:00:00 15:25:30

ICS 213 FORM

ICS 213 Messaging (N4RFC)

File Setup Edit Help

New Send Save Delete Close Browse << >> Edit Reply

ICS213

Header

Incident Name:

To: Position:

From: Position:

Subject: Date:

Message

Signature: Position:

Reply

Signature Position:

Date:

Routing

Keep this message local to this Command / ICP ☐

Destination Route ID:

ICS 213 Message Maker Ready Disconnected 15:28:41

ICS 309 FORM

The screenshot shows the 'ICS 309 Comm Log Builder' application window. It features a menu bar with 'File', 'Edit', and 'Help'. Below the menu are three buttons: 'Build Data Set', 'Print', and 'Exit'. The form is divided into several sections for data entry. The 'Task #' field is empty, while 'Date/Time Prepared' is set to '07/09/20 15:30'. The 'Operational Period' is '05/27/18 00:00 to 07/09/20 23:59', and 'Task Name' is empty. 'Radio Operators Name' is 'Bob' and 'Station ID' is 'N4RFC'. A tabbed interface at the bottom includes 'Period', 'Content', 'Sort', 'Layout', and 'Output'. The 'Period' tab is active, showing a 'Reporting Period' section with radio buttons for 'Today (07/09/2020)', 'Since last report run (07/09/20 15:30)', 'All (05/27/2018 to 07/09/2020)' (which is selected), and 'Range'. To the right of these are date and time pickers: 'From Date: 7 / 9 /2020', 'From Time: 00:00', 'To Date: 7 / 9 /2020', and 'To Time: 23:59'. Below this is a 'Preview' section with a large empty text area and a scrollbar. The status bar at the bottom indicates '369 Message log entries loaded'.

ICS 309 Comm Log Builder

File Edit Help

Build Data Set Print Exit

Task # Date/Time Prepared

Operational Period Task Name

Radio Operators Name Station ID

Period Content Sort Layout Output

Reporting Period

☐ Today (07/09/2020)

☐ Since last report run (07/09/20 15:30)

☒ All (05/27/2018 to 07/09/2020)

☐ Range

From Date: 7 / 9 /2020

From Time: 00:00

To Date: 7 / 9 /2020

To Time: 23:59

Preview

369 Message log entries loaded

QUESTIONS?

