Outpost Packet Message Manager Version 2.2.0

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Topics *Outpost Packet Message Manager*

- Overview
- Features
- Setups
- Tools and Controls
- Creating Messages
- Special Message Handling
- A Typical Session
- Limitations and Constraints
- Questions



Outpost Packet Message Manager

What is Outpost?

- A Windows-based packet messaging client
- Supports ARES, RACES, and other amateur radio emergency response teams and their need to pass digital traffic
- Helps automate the packet message handling environment
- Manages all message-handling between you and your BBS
- Lets you read, delete, create, reply to, or forward messages back to the BBS



Outpost Packet Message Manager

Why use Outpost?

- Leverages the existing packet hardware, network, and BBS infrastructure
 - Compatible with many existing BBSs and TNC PBBSs
 - Uses your existing TNC and packet radio equipment
 - Only a packet client (end-user) change is required
- Hides the complexity of the packet operating environment
 - Similar look and feel to contemporary email programs
 - Shorter learning curve for packet operations
 - Allows users to ... "focus on the message, not the medium"
- Implements most local emergency management policies for digital communications
- Still under active development based on user requests and on-going alignment with the Outpost mission.



Outpost Packet Message Manager

General Outpost Features

- Message Management
 - Multiple message folders
 - Supports the three primary message types: Private, NTS, and Bulletins
 - Text Formatting in a free-form message window
 - NTS Message Maker with automated ARL message support
 - On-line report builder using report templates
 - Supports Urgent message, Delivery and Read Receipts
- Send/Receive Session Management
 - Supports Serial, AGWPE, and Telnet interfacing with over 20 of PBBS and BBSs
 - Automatically controls the sequence for initializing the selected interface, connecting to, and sending messages to and retrieving messages from the BBS



Outpost Packet Message Manager

General Outpost Features

- Configurations and Setups
 - BBS, TNC, and Interfaces manages a list of BBSs & Interfaces
 - Message Retrieval choose the message types ti be retrieved
 - Send/Receive automation 3 ways for automatically initiating BBS sessions



Outpost Packet Message Manager

Outpost History

- Commenced Development...
- v0.95; First Beta Release...
- v1.0; First Release...
- v1.1; enhanced look and feel...
- v1.2; on-line reports, MSYS support...
- v1.3; collaborative messaging...
- v2.0; AGWPE and telnet support...
- v2.0.4; NTS extensions, other enhancements...
- v2.1: Tactical Calls; KA-, Netrom Node support
- v2.2: Winlink/telpac, other BBS support...

November 2002 May 2003 October 2003 March 2004 May 2004 December 2004 June 2005 February 2006 October 2006 April 2007



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Features

Outpost Packet Message Manager

Message management

- Familiar email-app look and feel
- Separate folders for message storage
- Clear message identification (unread=BOLD, urgent=Red)
- Follows a formal message workflow
- Manage BBS and interface setups
- Additional settings to control how Outpost behaves

Outpost Pack	et Message	Manager						_ 🗆 X
New		Open	Delete	P	rint Send/Receive			
Folder List	In Tray	/						
In Tray	U Type B B	From N6VHF SYSOP KN6PE	To ALL ALLEOC NEWUSR	BBS K6FB-2 W6XSC-1	Subject SUNNYVALE HAME FLEA MA EMERGENCY BBS OPERATIONS Outpost Known Limitations, v2.2	Date/Tir 04/02/ 04/03/2 04/04/2	ne 2007 007 12:46 007 12:00	Size 2854 1174 4282
Out Tray	II B	KN6PE KN6PE XSCEOC KN6PE	NEWUSR NEWUSR CUPEOC CARES	W6XSC-1 K6FB-2	What's New in Outpost v2.2 Welcome to Outpost 2.2 Request EOC Status N95 Mask Purchase	04/04/2 04/04/2 04/04/ 04/09/2	007 12:00 007 12:00 <mark>2007</mark> 007 20:43	2854 1174 4282 241
Msgs				\square				
Draft								
Deleted Msgs								
7 Items, 75 Total	Station ID: I	KN6PE - TN	C: KPC3 BE	S: KN6PE-1			00:00:00	20:58:35



Features

Outpost Packet Message Manage

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Message viewing

- Supports viewing, printing, deleting or saving a message to a local file
- Reply and Forward message ulletformatting

	🔐 Outpost Pac	ket Messa	ge Manager						
	File Edit Setup	o Tools	etions Help						
jer	Ne	w	Open	Delete	P	rint Send	d/Receive		
	Folder List	In Tr	ay						
	In Tray Out Tray Sent	U Typ B B II B	e From NGVHF SYSOP KN6PE KN6PE KN6PE XSCEOC KN6PE	To ALL ALLEOC NWUSR NEWISR CUPECC CARES	BBS KGFB-2 W6XSC-1 W6XSC-1 K6FB-2	Subject SUNNYVAL EMERGENC' Outpost Know What's New i Welcome to 0 Request E0 N95 Mask Pu	LE HAME FLEA MA Y BBS OPERATIONS vn Limitations, v2.2 n Outpost v2.2 Dutpost 2.2 Dutpost 2.2 DC Status irchase	Date/Time 04/03/2007 04/03/2007 04/04/2007 04/04/2007 04/04/2007 04/04/2007 04/09/2007	Size 7 2854 12:46 1174 12:00 4282 12:00 2854 12:00 1174 7 4282 20:43 241
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File Edit	Print	Reply	rs Heip Reply to All	トレン Forwar	rd	Delete	Close	Expire	
Bulletin M	lessage								1 1
Bbs:	K6FB-2						Sent: 04/09	9/2007 20:43	
From:	KN6PE								
To:	CARES								
Subject:	N95 Mask Pur	chase							
All Pac	ket-enabled	CARES 1	members,					A	
Those C. please CARES m	ARES members let me know embers.	s intere . We wi	ested in p ill be doi:	urchasing ng a bulk	N95 mas purchas	ks as des e at a co	cribed by Mar ost of \$1 per	sha, mask for	20:58:35
Regards Jim KN	, 6PE								



Features

Outpost Packet Message Manager

Message creation

- Supports Private, Bulletin, and NTS message types
- Message formatting before sending
- Set messages to <u>Urg</u>ent
- Request delivery or read receipts
- Different ways for originating messages
- NTS Message Maker

Contractions Theory Open Delete Print Send/Receive Folder I In Tray In Tray B Nevrite ALLEOC SUNNYVALE HAME FLEA MA Delete/Time Size B NEVRIFE NEVVISR Wints Dupot Known Lindstons, v22 04/04/2007.00 2854 Util Tay NEVER NEVVISR What New in Outpot V22 04/04/2007.1200 2854 Velocitie NEVER NEVVISR What New in Outpot V22 04/04/2007.200 1244 Sent NERFE NEVVISR What New in Outpot V22 04/04/2007.200 1244 Sent NERFE NEVVISR What New in Outpot V22 04/04/2007.200 1244 Sent NERFE NEVVISR What New in Outpot V2 04/04/2007.200 1247 Sent NERFE NEVVISR Velocitie to Upot 22 04/04/2007.200 1247 Sent Setter NERFE NEVISR Velocitie to Upot 22 04/04/2007.200 1247 Setter NERFE NEVISR Velocitie to Upot 22 04/04/2007.200 1247 Setter Setter<		🔐 Outpost Pa	cket Messa	ge Manager							- D ×
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U Type Fiom To BBS Subject Date/Time Size B NSVHF ALL KGFB-2 SUMNYVALE HAME FLEAMAL. 04/02/2007		Folder List	In Tra	ay							
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Setups Outpost Packet Message Manager

Application setups

- TNCs: create, update, or delete
 Configure Serial Comm Ports that are associated with each TNC
- BBSs: create, update, or delete
- Change the Station Identifier (the call sign assigned to the TNC)







Telnet

Notes...

• Create, update, or delete interfaces.

Interface Type	TNC Prompts TNC Commands TNC Comm Po	t AGWPE Teln
- Choose a Devi	ce Name	
Device Name:	KPC-3	
Device Name:	KPC-3	
Description:	Jim's KPC-3 TNC	1
Device Type		New
		Dalata
C AGW Pack	et Engine	Delete
C Telnet		



	Select a Interface Type
	Interface Type TNC Prompts TNC Commands TNC Comm Port AGWPE Telnet
Setups – Serial IN	C Promote
Outpost Packet Message Manager	Command: cmd:
e apostr donot motodgo managor	Timeout: *** retry count exceeded
	Select a Interface Type
Application setups	Interface Type TNC Prompts TNC Commands TNC Comm Port AGWPE Telnet
 TNC Interface setup 	Commands
•TNC Prompts	Connect: Connect
•TNC Commands	Retry: retry
•Comm Ports	Reset: reset DateTime: daytime
	NOTE: Do not change the settings in these fields if your TNC is TAPR- compatible.
• AGWPE	Select a Interface Type
Telnet	Interface Type TNC Prompts TNC Commands TNC Comm Port AGWPE Telnet
Notes	Port: Com1 Echo
 Outpost sends TNC commands to 	Max Speed O Off O On
the TNC as part of the TNC	Flow Control
initialization.	Data Bits: 8 RTS/CTS
 Supports Hardware Flow Control. 	Parity: None
Confirmed operational with	Stop Bits: 1
USB-to-Serial nort adapters	
	OK Cancel Apply
Outpost Packet Message Manager 2.2.0	

	Select a Interface Type
Sotupe ACM/DE	Interface Type TNC Prompts TNC Commands TNC Comm Port AGWPE Telnet
Selups - AGWPE	Choose a Device Name
Outpost Packet Message Manager	Device Name: AGW-GARAGE
	Device Name: AGW-GARAGE
	Description: AGWPE is running on my Garage system,
Application setups	and is accessed from the den. Password here matches AGWPE-configured
TNC Interface setup	
•TNC Promote	AGW Packet Engine
TNC Prompts	C Teinet
• INC Commands	Interface Tupe TNC CommandsTNC Comm Port AGW/PF
•Comm Ports	AGW Server
• AGWPE 🧹	Remote Host: garage98d
Telnet	Remote Port: 8000 Network Timeout: 5000 msec
	Radio Port
Notes	TNC RadioPort: 1
Implements the AGWPE TCP/IP API	Remote Logon
	Logon is required if you access AGWPE from a different computer AND AGWPE is configured to require a logon and password.
Supports AGWPE v2000.20 or	AGW logon is required
higher.	Password: knSpe
	OK Cancel Apply
-	
Outpost Packet Message Manager 2.2.0	

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		Select a Interface Type
		Interface Type TNC Prompts TNC Commands TNC Comm Port AGWPE Telnet
Setups – teinet Outpost Packet Message Manager Application setups • TNC Interface setup • TNC Prompts • TNC Commands • Comm Ports • AGWPE	Select a Interface Ty Interface Type TNC Pro Telnet Server Remote Host: Depente Dest	Choose a Device Name Device Name: TELNET-BBS Device Name: TELNET-BBS Description: County Hospital Telnet access. BBS Logon is required (sample only). Device Type Outpote Type New Delete New Delete New Delete
Telnet	Network Timeout:	1228 5000 msec
 Notes Requires access to a LAN or the internet, depending on where the BBS is. 	Logon Prompts Logon: Password: Logon Values Logon: Password:	Callsign : Password : kn6pe kn6pe blank for BBSs that do not require passwords. OK Cancel Apply
Outpost Packet Message Manager 2.2.0		

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Outpost Packet Message Manager

Application setups

- BBSs
 - BBS Prompts
 BBS Commands
 BBS Path

Notes...

- Auto-identifies BBSs and determines the BBS Prompts
- Special handling for nonidentifying BBSs

🙀 Select a BBS	×
BBS Name BBS Prompts BBS Commands BBS Path	(
BBS Name	
BBS Name: W6SJC-1	Ů
Connect Name: W6SJC-1	
Description: San Jose Races BBS, 145.050, F6FBB	
 BBS Type Let Outpost determine the BBS and set up the prompts User defines the BBS prompts Non-Identifying BBSs AA4RE BBS AA4RE BBS AA4RE BBS with Tactical Call Customization 	New Delete
OK Cancel	Apply



Outpost Packet Message Manager

Application setups





Notes...

- This form is disabled if you checked:
 "Let Outpost determine the BBS and setup the prompts"
- If you checked: "User defines the BBS Prompts", only the command prompt is typically used; all other fields default to the Command prompt.
- Remember that "Help>" and "Help >" are not the same!



Outpost Packet Message Manager

Application setups

BBSsBBS Prompts

•BBS Commands

•BBS Path

Select a BBS		×
BBS Name BBS Promp	BBS Commands BBS Path	₿.
Commands		
Send Private: S		
Send Bulletin:	}	
Send NTS: S		
List Mine:	1	
List Bulletin:		
List NTS:		
List Filtered:		
Read Message: F		
Delete Message: 🛛 🕅		
Bye / Log off: B		
	OK Cano	el Apply

Notes...

- Common commands that Outpost needs to interact with the BBS.
- Outpost sends these commands to the BBS as part of the send/receive session.



Outpost Packet Message Manager

Application setups

BBSs

•BBS Prompts

•BBS Commands

•BBS Path

🔐 Select a BBS				×
BBS Name BBS Prompts	BBS Com	mands BB	S Path	
Access method				
Direct to BBS	\searrow			
O Via digipeater(s):				
	(enter digip	eater names	separated by cor	nmas)
C KA-NODE/Netrom	Access	Create/	Update Path	
		1		
		OK	Cancel	Apply

Notes...

- Direct: from your station to the BBS
- Digipeat: one or more digipeater stations between you and the BBS
- KA-Node/Netrom: one or more nodes between you and the BBS



Outpost Packet Message Manager

Setting up nodes

Do not start without...

- 1. Understanding the path between you and the BBS
- 2. The information needed to define each node...

Node Path Setup for W65J	C-1	×
Node Number:	1/2	Next
Node Name: Successful Connect Message:	W6TDM-3	Previous
Port number:	2	Add
Unsuccessful Connect Message:	Failure	Delete
		Move Up
		Move Down
	OK	Cancel

Node Name	The actual connect name of a node in the node path, such as K6FB-7 or W6TDM-7.
Successful Connect Message	The string that is returned by the node indicating that the connection was successful
Port Number	The port number to be taken <u>out of this node</u> to the next node. Some nodes have multiple radio ports typically set up on different bands. For single channel nodes, leave this value as 0.
Unsuccessful Connect Message	The string returned by the current node to tell Outpost that the next connect was not successful.

3. When in doubt: see the Application Note titled <u>Setting up KA-Node/Netrom Network</u> <u>Access</u> on the Outpost website for a more detailed walk-through of this topic.



Current list of supported BBSs

PBBSs (Firmware-based, resides in TNCs)	BBSs (Software-based)	Support pending (26-Apr-2007)
KPC3, KPC3+	AA4RE	KPC3 5.1
KPC9612	F6FBB	MFJ-1274
KAM, KAM-XL, KAM-98	MSYS	OpenBCM
KAM Plus	NOARY	JNOS
Kantronics' Data Engine	DXNET	TNOS
PK-88, PK-232, PK-88	Telpac/Winlink	
DSP-232	WORLI	
MFJ-1270x		
MFJ-1278		

Notes...

- The above list is effective as of 26-April-2007.
- See the http://www.outpostpm.org/bbs/ for...
 - Updates and the latest list of supported BBSsInstructions on how to get your BBS supported



Outpost Packet Message Manager

Types of controls

- Controls the flow of each Send/Receive Session
- Sets how messages are created and handled
- Set various data fields to automatically populate on-line reports, messages, other areas
- Set up default Directory Names
- Various Log Settings
- Controls to re-size message listing column widths
- Separate Interactive Packet Windows for Serial, AGWPE, and Telnet where the user can manually interact with the TNC (Serial only) or BBS



	Send/Receive Settings
Tools and Controls Outpost Packet Message Manager	Automation Retrieving Receiving Other Automation No Automation. Initiate each send/receive session manually. Schedule a send/receive every 10 minutes (1-999). Schedule a send/receive at 1 16 31 46 minutes past the hour. Send a message immediately when it is complete.
Send/Receive Settings	Automation Retrieving Receiving Other
 Selects different ways to <u>automate</u> the message send/retrieve sessions Select which message types are to be <u>retrieved</u> Once a message is <u>received</u>, select who with it Additional controls (Other tab) manage printing received and sent messages 	Retrieve these Messages. Retrieve NTS Messages. Retrieve NTS Messages. Retrieve New Bulletins. Retrieve Selected Bulletins. Retrieve Selected Bulletins. Filter #1 Filter #2 Filter #3 Filter #4 Filter #5 Filter #7 Filter #8 Filter #8 Filter #1 Filter #7 Filter #8 Filter #8 Filter #1 Filter #7 Filter #8 Filter #1 Filter #7 Filter #8 Filter #1 Filter #1 Filter #1 Filter #2 Filter #8 Filter #1 Filter #1 Filter #1 Filter #2 Filter #3 Filter #1 Filter #1 Filter #2 Filter #1 Filter #2 Filter #2 <
Outpost Packet Message Manager 2.2.0	OK Cancel

	🗽 Message Settings 🛛 🔀
	New Messages Replies/Forwards Tracking Deleting
Tools and Controls	Setting up a new message
	Set default to PRIVATE
Outpost Packet Message Manager	C Set default to BULLETIN
	Default Destination Call Sign or Factical Call
Message Settings	Insert a signature for KN6PE in all messages
 Define default settings for new messages includes 	Regards, Jim KN6PE EC, Cupertino ARES/RACES
Default destinations	Section Sectio
Auto message numbering	New Messages Replies/Forwards Tracking Deleting
Mossago Signaturo	Replies and Forwards
	Set default to PRIVATE for replies or forwards Apply
 Handling replies and forwards — 	Close original message on reply or forward
 Set up defaults for requesting 	Message Settings
message receipts	New Messages Replies/Forwards Tracking Deleting
 Setting for permanently deleting 	
messages	Always request a Delivery Receipt
5	Always request a Read Receipt
	Auto-Reply
	Automatically reply to the mesage originator with a Read Receipt after
	Apply
Outpost Packet Message Manager 2.2.0	OK Cancel Apply

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Outpost Packet Message Manager

Report Settings

- Message number automatically increments and populates...
 - Subject Line
 - NTS Messages
 - On-line reports
- Standard report variables automatically replace <tags> in On-line Reports (described later)
- Note where tags are used....

Report Settings		×
Report Variables		
Next Message Number:	126	
Organization:	Cupertino ARES/RACES	R
City:	Cupetino	
County:	Santa Clara	
State/Prov (2 char):	CA	
Tactical Location:	Seven Spring Fire Station	
Tactical ID (3 char):	SSF	
Tactical TX Text:	Cupertino OES	
Text Variable #2:		
Text Variable #3:		
	ОК	Cancel

Field	On-Line Reports	NTS Message Maker	Message Subject Line
Next Message Number	X	X	Х
Organization	X		
City	Х	Х	
County	Х		
State/Prov	Х	Х	
Tactical Location	Х		
Tactical ID	X		X
Tactical TX Text	Х		
Text Variable #2, 3	X		



Outpost Packet Message Manager

Directory Settings

- Used for optional organization of application files...
 - Archive directory is used for message archive export and import files (*.oaf)
 - Reports directory is checked for any On-line Reports (*.txt)
 - Log directory is home for all Outpost logs (*.txt)
- On first time startup after installation, the directories listed here are created
- User defined to any existing or new directory on the PC

🔐 File Locati	ons	×		
Application Directories				
Enter a dire	ectory path, or double-click on a field to make a selection.			
Archive:	c:\program files\outpost\archive			
Reports:	c:\program files\outpost\reports			
Logs:	c:\program files\outpost\logs			
Various:	c:\program files\outpost			
	OK Cancel			



Outpost Packet Message Manager

Other Controls

- General Settings...
 - Show station ID form on startup
- TNC Session counter displays in session logs; increments with each Send/Receive Session
- Bulk delete of the Deleted Msgs Folder
- Display controls
 - Resets column widths to their default settings
 - Packs column widths for optimal viewing
 - Resets the form if it gets stuck in a "minimized" state





Outpost Packet Message Manager

Interactive Packet Window

- Programs to manually interact with the TNC (serial only) and BBS by
 - AGWPE
 - Telnet
 - Serial
- Logging controls
- Cut-and-paste clipboard support into and out of the IPW window
 - use the Edit control on the menu
 - cntl-c gets the TNC's attention
- Directly create an Outpost message from highlighted IPW text



Messages

Outpost Packet Message Manager

•Creating Messages

- Direct Entry
- NTS Message Maker
- On-line Report Builder
- Cut-and-paste from other apps
- Import Text from a file

•Special Message Handling

- Bulletins
- NTS
- Telpac/Winlink messages
- Tactical Calls



Outpost Packet Message Manager

1. Direct entry

- Allows cursor placement within the text field
- Supports TAB characters (cntl-tab) thereby reducing character count
- Allows text files to be directly imported into the message form

🔐 New Packet Message			
<u>File Edit Actions Help</u>			
Print Send Save Close	Urg Pvt	Bul NTS	
Private Message; Delivery Receipt Requeste	ed		
Bbs: W6XSC-1			
From: CUPEOC			
To: XSCEOC			
Subject: Status of Cupertino EOC			
Director Emergency Services Planning/Intel Section Logistics Section Operations Section Finance Section All phone numbers are in the 4 Jim 0 KNEPE	Dave Knapp Bob Knight Ken Smith Bill Wright Trudy Collins 108 area code.	777-1234 777-2345 777-3456 777-4567 777-5678	
I			x
1			



Outpost Packet Message Manager

2. NTS Message Maker

• Step 1: Forms-based with field validity checking

e Edit	
ARL Msg Check Save Clear Msg Ca Preamble Msg No: 183 Precedence: R (R, W, P, E) Handling Instr: HX Station of Origin: KN6PE	ncel Destination Address Name: Dave Larson Call Sign: Address: 5301 East Ranch Road City: SACRAMENTO
ARL Message: Check: CUPERTINO, CA Place of Origin: CUPERTINO, CA Time of Origin: 13:07 Date of Origin: Apr 26	State/Prov: CA Zip/Postal: 95825 Phone No: 915 555 1212
Message	
Cannot attend the meeting this week. advise the repeater committee that the	All airports are closed. Please An project is almost complete.
Signature Jim KN6PE	



Outpost Packet Message Manager

2. NTS Message Maker

- Step 1: Forms-based with field validity checking
- Step 2: Press Check; reformats the message per the NTS Packet message standard

🞆 NTS Message Maker	×
<u>Fi</u> le <u>E</u> dit	
ARL Msg Check Save Clear Msg Cano	cel
Preamble	Destination Address
Msg No: 183	Name: Dave Larson
Precedence: R (R, W, P, E)	Call Sign:
Handling Instr: HX	Address: 5301 East Ranch Road
Station of Origin: KN6PE	City: SACRAMENTO
ARL Message:	State/Prov: CA Zip/Postal: 95825
Check: 23	Phone No: 915 555 1212
Place of Origin: CUPERTINO, CA	
Time of Origin: 13:07	
Date of Origin: Apr 26	
Message	
Cannot attend the meeting this	
closed X Please advise the	
repeater committee that the project	.
Message looks good!	



Outpost Packet Message Manager

2. NTS Message Maker

- Step 1: Forms-based with field validity checking
- Step 2: Press Check; reformats the message per the agreed NTS Packet message standard
- Step 3: Saves the message to a message window; message type is NTS. Press Send when ready.

🔐 New Pa	acket Message	
File Edit	Actions Window Help	
Print	Send Save Delete Close Urg Pvt Bul NTS	
NTS Mess		
Bbs:	W6SJC-1	
From:	KN6PE	
To:	95825@NTSCA	*
Subject:	QTC 1 R SACRAMENTO CA (915-555)	
Nr 183 Dave La 5301 Ea SACRAMM (915) 55 BT Cannot week X closed repeate is almo BT Jim KN	R KN6PE 23 CUPERTINO, CA 13:07 Apr 26 arson ast Ranch Road ENTO, CA 95825 55-1212 attend the meeting this All airports are X Please advise the er committee that the project I ost complete. 6PE	A
		11



Creating Messages Haker

Outpost Packet Message Manager

2. NTS Message Maker

- and ARL Messages...
 - Select the message Type... Routine or Emergency
 - Select the message
 - Provide any additional information
 - Send the message as usual



Message

Signature

3. On-line Report Builder

- Step 1: Set up the Report Settings (described previously)
- Step 2: Understand the list of Report <tags>

Outpost Packet Message Manager	Tag	Description	
	<d>, <date1></date1></d>	mm/dd/yy (5/21/04).	
	<date2></date2>	dd-mmm-yyyy (21-May-2004)	
3. On-line Report Builder	<t>, <time></time></t>	hh:mm (22:45)	
 Step 1: Set up the Report 	<m>, <msg#></msg#></m>	Message Number; from Report Settings	
Settings (described previously)	<c>, <call></call></c>	Call, as entered at the Station ID form	
 Stop 2: Understand the list of 	<name></name>	Name, as entered at the Station ID form	
• Step 2. Understand the list of Poport stores	<bbs></bbs>	BBS name; current BBS	
Nepuri <lays></lays>	<subj>text</subj>	Places "text" on subject line	
NOTE : there are some report variables that have to methods for	<org></org>	Organization; from Report Settings	
	<city></city>	City name; from Report Settings	
representing them	<county></county>	County name; from Report Settings	
	<state></state>	State name, 2 char; from Report Settings	
	<province></province>	Province name, 2 char; instead of state	
	<tacloc></tacloc>	Tactical Location; from Report Settings	
	<tacid></tacid>	Tactical ID, 3 char; from Report Settings	
	<text1, 2,="" 3=""></text1,>	User defined text; from Report Settings	
	=	Prompt	
	/ comment	Place a comment in the report	



Outpost Packet Message Manager

3. On-line Report Builder

- Step 1: Set up the Report Settings (Tools > Report Settings)
- Step 2: Collect the list of Report tags, most in the format "<tag>"
- Step 3: Develop the report template, save as a .txt file.
 NOTE: see the use of comments (/), <tags>, and prompts (=)

DamageAssesment 3.txt - Notepad File Edit Format View Help Author: Jim Oberhofer KN6PE Rev Date: 29-Mav-2004 <subj>ARC DSR 5972 DAMAGE ASSESSMENT REPORT: <org> DATE/TIME: <D>, <T> Message Number: <tacid><msg#> TOWN: <city> ADDRESS OR LOT NUMBER: = SUBDIVISION: = PROPERTY TYPE: = DAMAGE->(DESTROYED, MAJOR, MINOR, AFFECTED): = DAMAGE DESCRIPTION: OWNER INFORMATION: NAME: = PHONE NUMBER: = NUMBER OF PEOPLE AFFECTED: = ADULTS: = CHILDREN: = HANDICAP: = ELDERLY: = NUMBER OF CONFIRMED INJURIES: = NUMBER OF CONFIRMED DEATHS: = OPERATOR: <name> <C> STATION TACTICAL: <tacloc> AR ---- End of message -

Outpost Packet Message Manager

3. On-line Report Builder

- Step 1: Set up the Report Settings (Tools > Report Settings)
- Step 2: Collect the list of Report tags, most in the format "<tag>"
- Step 3: Develop the report template, save as a .txt file.
- Step 4: From a new message form, "File > Open a Report" and choose a report template.

NOTE: Subject line is updated, <tags> are replaced, and cursor is positioned at the first prompt.

🚰 New Pa	acket Message	
ile Edit	Actions Help	
Print	Send Save Close Urg Pvt Bul NTS	
Private M	essage	
Bbs:	W6XSC-1	
From:	CUPEOC	
To:		
Subject:	ARC DSR 5972	
DAMAGE	ASSESSMENT REPORT: CARES	l l
TOWN: ADDRES: SUBDIV PROPER'	Cupertino S OR LOT NUMBER:	
DAMAGE DAMAGE	->(DESIROYED, MAJOR, MINOR, AFFECTED): =	
=		
OWNER	INFORMATION:	
NAME:	= NTIMBRD	

- Press <u>cntl-Tab</u> or <u>left-mouse</u> to progress to the next prompt.
- Press "File > Clear Remaining Prompts" for any unfilled prompts
- Press Send when done.



Outpost Packet Message Manager

4. Copy-and-Paste from other apps

- From Excel, highlight the fields to be copied, then paste into an Outpost message.
- At the receiving station, highlight and copy the message, then paste back into Excel.
- Tabs are preserved so the message can be pasted back into another spreadsheet.

<u> </u>	1icroso	oft Exco	el - Sh	elte	r Red	quiren	nen	ts.x	ls											
Eile Edit View Insert Format Tools Data Window Help																				
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3		21	lanke	ets					4	5 ea				15		18-	Mar		18:0	io i
4	1	3 \	vater.	12	oz b	ottles			200) bot	tles			100		19-	Mar		12:0	0
5	1	4 F	First A	Aid k	its					3 kits	;			12		AS	AP			
6		51	Foilet	раре	er				-50) roll:	s			250		19-	Mar		12:0	0
7		6 t	ooth l	brus	hes				- 10) ea				50		AS	AP			
- 🗞	New Pa	acket M	essage	e						_								_ [IJ×	1
_ Eil	e <u>E</u> dit	Actions	Help																	P
-	Print	Sen	а :	5ave		Close			Urg	Pv	t B	ul NT	rs							<u>P</u>
	Jrgent, P	rivate Me	essage	_	_			_												<u>ال</u>
	Bbs:	Wever	-																_	
	From:		<u></u> 10																-	
	To:	XSCEC	~																-	
S	ubiect	Shelter	 Materi	al Re	ouire	ments													-	
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2	:	bland	rets		4	5	ea	ì	-	15	1	8-Mai	r 1	8:00						
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7	•	toot	n past	te	5		ea	а –		55	A	SAP								
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Outpost Packet Message Manager

5. Import text from a file

- Open a new message
- File > Open a file
- Select the text file, press OK •
- Full in the Destination and Subject.
- Press Send when done.

New Packet Message - 🗆 × File Edit Actions Help Send Bul NTS Close Urg Pvt | ave Open a File 42 Open a Report Save Save As... elect the input file nan ? × NTS Mess Look in: C Documentation 🔻 🖕 🖻 🚽 Process a 🗅 old message-for-doc#3.txt Print 2 🗋 v1.0 message-for-doc#4-NTS.txt Print Setu My Recen Document: 🚞 v1.1 message-for-doc#5-NTS.txt 🗐 N95 Mask.txt 🚞 v1.2 Close DVBETA READ ME121.txt P README127.txt 🗎 WebDoc ADME130.txt 🗐 120-Welcome-Message.txt ADME131.txt 🗒 120-Whats-New-Message.txt BBS LM Listing Layouts.txt elease-Msg #1.txt Beta-Test-Status.txt Release-Msg #2.txt enhnacement list.txt test-before-save,txt Handshaking.txt T. KISS-TNC.ExE 🔋 message-for-doc#1.txt vly Compute 🗒 message-for-doc#2.txt File name: N95 Mask.txt • Open T -Cancel Files of type xt Files(*.txt) _ 🗆 🗵 New Packet Message File Edit Actions Help Close Urg Pvt. NTS. Send Save Private Message KN6PE-1 KN6PE Subject: N95 Mask.bt All Packet-enabled CARES members, Those CARES members interested in purchasing N95 masks as described by Marsha, please let me know. We will be doing a bulk purchase at a cost of \$1 per mask for CARES members. regards, Jim KN6PE

......

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Print

Bbs:

To:

From:

Outpost Packet Message Manager

1. Bulletins

- To delete a bulletin off of the BBS that you originated...
 - Retrieve the bulletin from the BBS
 - Open the message
 - Press Expire
 - On the next send/receive session, the bulletin will be deleted off of the BBS.



Notes

• You can on delete bulletins that you create



Outpost Packet Message Manager

2. NTS Messages

- Retrieved NTS messages are not automatically deleted off of the BBS. To accept a message for servicing...
 - Retrieve the NTS message from the BBS
 - Open the message
 - Press Accept
 - On the next send/receive session, the NTS message will be deleted off of the BBS.

	QTC 1 R SACRAMENTO CA (916-555) -	Packet Message
	File Edit Actions Help	
	Print Reply Forward	Delete Close Accept
	NTS Message	
	Bbs: KN6PE-1	Sent: 02/11/0614:47
	From: KN6PE	
	To: 95825	▶
•	Subject: QTC 1 R SACRAMEN Accept N	TS Message
	MSG#2 02/11/06 14:47:38 1 SUBJECT: QTC 1 R SACRAMEI PATH: KD6CMV	Do you ACCEPT responsibility to service this message? Press OK to Accept and issue a 'Delete NTS message' command to the BBS (will occur during the next BBS connect).
	Nr 186 R KN6PE ARL 8 Cup BT Dave Larson 5304 East Ranch Road	OK Cancel
	SACRAMENTO, CA 95825 (916)555-1212 BT ARL SIXTY FIVE San Jose	I
	BT	•

Notes

• If you change your mind and do not plan to service the NTS message, it is common courtesy to post it back up on the BBS



Outpost Packet Message Manager

3. Telpac/Winlink

- Supports internet email addressing (format is: SMTP:name@isp.net)
- Multiple destinations
- Received message form supports Reply-to-all for multi-destination addressed messages

🔯 New Packet Message									
File Edit Actions Window Help									
Print Send Save Delete Close Urg Pvt Bul N	ITS								
Private Message									
Bbs: W6TDM-10									
From: KN6PE									
To: K6KP; WA6FTE; SMTP:jimo@mydayjob.com; SMTP:vincel@yahoo.net									
Subject: FYI: Frequency Change									
All, Just a reminder that W6TDM-10 has moved from 145.090 to 145.030 to support better link distant packet sites through K6KP's BPQ Packet Switch.									
regards, jim o KN6PE I									
									
	1.								

Notes

- Internet email addresses must be precede with "<u>SMTP:</u>" If it is missing, the message will fail.
- For multiple addresses sent to non-Telpac BBS, Outpost will send the message to the first listed station, and then report an error.



Outpost Packet Message Manager

4. Tactical Calls

- **Definition:** a call sign that identifies a <u>tactical location</u> and is <u>operator-neutral</u> allowing the operators to change, without having the assignment name change.
- Implemented by Outpost, not the BBS
- Example: For the Santa Clara County Hospital System, hospitals are assigned Tactical Calls such as:
 - 1MVECH Mountain View El Camino Hospital
 - 1PASMC Palo Alto Stanford Medical Center
 - •1SJVMC San Jose Valley Medical Center
 - •1SJGSH San Jose Good Samaritan Hospital

Station Identification	n		
Identification			
Legal			
User Call Sign:	KN6PE		
User Name:	Jim		
Tactical			
	all for all DDC interact		
		ON LEMENGENUT MUI	
Lactical Call Sign:	1CUEOC		
Tactical TX Text:	Cupertino OES		
	OK	Cancel	Apply



Outpost Packet Message Manager

4. Tactical Calls

Notes

 Before using tactical a call, register the call sign with the BBS if required

Is it legal?

- AX.25 extended address field contains source and destination call sign
- Outpost uses the TNC's "my call" command to set the Tactical Call as the station identifier.
- The selected Tactical Call needs to be a sufficiently valid call sign to "fool" the BBS's call sign checking logic

 Outpost sends a "Legal Identifier String" that satisfies FCC Part 97.119

```
1CUEOC>W6SJC-1: <<C>>:
W6SJC-1>1CUEOC: <<UA>>:
W6SJC-1>1CUEOC: <<I00>>:
[FBB-7.04j-AB1FHMRX$]
```

Hello Jim, Welcome to The San Jose EOC Mailbox

W6SJC >

```
1CUEOC>W6SJC-1: <<I01>>:
LM
```

```
W6SJC-1>1CUEOC: <<I11>>:
**** : Nothing found
**** : TO Field Filter is set to:-[*]
```

```
W6SJC >
```

```
1CUEOC>W6SJC-1: <<I12>>:
B
```

```
W6SJC-1>1CUEOC: <<I22>>:
```

```
73 Jim,
```

```
W6SJC-1>1CUEOC: <<D>>:
1CUEOC>W6SJC-1: <<I23>>:
```

```
StationID=KN6PE, TacCall=1CUEOC, Cupertino OES
```

1CUEOC>W6SJC-1: <<I33>>:

```
1CUEOC>W6SJC-1: <<I43>>:
```

```
1CUEOC>W6SJC-1: <<UA>>:
```





Considerations, Limitations and Constraints

Outpost Packet Message Manager

What Outpost does not do

- No support for any bulletin board forwarding protocol
- No support for common mail protocols (POP3, SMTP, etc.)

Things to avoid

- Sending bulletins to a named person (instead of a group Identifier such as ALLEOC, etc.) will cause repeated retrievals by that person
- Embedding the BBS prompt string in a message (fails to ensure the uniqueness of the BBS prompt) will cause erroneous results



For more information

Outpost Packet Message Manager

Visit the Outpost website... http://www.outpostpm.org

And supporting links...

- Users Guide... <u>http://www.outpostpm.org/#documentation</u>
- HOW-TOs... <u>http://www.outpostpm.org/howto.html</u>
- Support Info... <u>http://www.outpostpm.org/support.html</u>
- Users group... <u>http://groups.yahoo.com/group/outpostpacket/</u>

Send inquiries to... Jim Oberhofer, <u>kn6pe@arrl.net</u>



Other Information



Tools > Send/Receive Settings

Area	Setting Description	Setting
Automation	Choose one 1.No Automation 2.Schedule a Send/Receive Every [] minutes 3.Schedule a Send/Receive at [][][][] minutes past the hour	1. Default
Automation	Send a message immediately when it is complete	Unchecked
Retrieving	Retrieve Private Messages	Checked
Retrieving	Retrieve NTS Messages	Unchecked
Retrieving	Retrieve New Bulletins	Unchecked
Retrieving	Skip (do not retrieve) Bulletins I sent to the BBS	Unchecked
Retrieving	Retrieve Selected Bulletins	Unchecked
Receiving	Play this sound on arrival	Unchecked
Receiving	Print Message to the (default) printer	Unchecked
Receiving	Keep messages on the BBS; do not delete after retrieving	Unchecked
Other	Show TNC Session Window during Send/Receive	Unchecked



Tools > Message Settings

Area	Setting Description	Setting
Setting up a new message	Choose one 1. Set default to Private 2. Set default to Bulletin	1. Default
Setting up	Default destination []	Unchecked
Setting up	Add message number to subject line	Unchecked
Replies and Forwards	Check one1. Set default to Private for replies and forwards2. Set default to original message type (excludes NTS) for replies and forwards	1. Default
Replies and…	Close original message on reply or forward	Checked
Tracking Messages	Always request a delivery receipt	Unchecked
Tracking	Always request a read receipt	Unchecked
Deleting Messages	Prompt before permanently deleting a message	Checked



Tools > Report Settings

Setting Description	Setting
Next Message Number	100
Organization	Blank
City	Blank
County	Blank
State/Prov	Blank
Tactical Location	Blank
Tactical ID	Blank
Text Variable #1	Blank
Text Variable #2	Blank
Text Variable #3	Blank

