

When the PBBS is connected to any station, the Mail LED on the front panel will be lighted. When the PBBS is not connected, and contains unread messages addressed to the MYCALL, MYPBBS, or any of the callsigns or names entered in the PBLIST command, the Mail LED will blink.

The PBLIST is also used with the PBPERSON command and the following PBBS commands: LMINE, KMINE, and RMINE.

PBBS Commands

The commands available to users connected to the PBBS are as follows:

B(ye)

Causes the PBBS to disconnect.

E(dit) n [BPTYNFH] [>tocall] [<fromcall] [@BBS] "old" "new"

Available only to the system operator (SYSOP) or to a user at the keyboard of a computer connected directly to the TNC (i.e., not to a remote connection, except for the SYSOP). For an explanation of this command, see the section below on "Editing Message Headers."

H(elp)

Displays a HELP menu.

J(heard)

Displays a list of stations recently heard by this TNC. The list will include a date and time stamp indicating when each station was heard.

J(heard) **S**(hort)

Displays only the callsigns of stations heard.

J(heard) **L**(ong)

Displays the callsigns of stations heard and any digipeaters used and the destination callsign.

L(ist) [x [y]] [;]

Lists all messages in the mailbox allowed to be read. This will include all BULLETIN and TRAFFIC messages, and any PRIVATE messages addressed TO the TNCs callsign or messages that were sent from this TNC. The SYSOP of the PBBS (keyboard or remote) can list and read ALL messages. Optionally, the list can be started from a specific message number, and end with at another specific message number, i.e. x = START # and y = END #. Also, including the optional semi-colon (;) in any List command will also show the @BBS and BID (BULLETIN ID - see section on "Sending Messages") of the messages (if any).

L(ist) <> call [;]

Lists only those messages in the mailbox which are addressed to a specific callsign (>), or which were sent by a specific callsign (<). To list only those bulletin messages addressed to AMSAT for instance, enter the command L >AMSAT.

LB [;]

Lists all BULLETINS in the mailbox.

LC [cat [;]]

The LC command by itself, will cause the PBBS to list only the TO field of all BULLETINS in the mailbox. If a category is specified (i.e. LC RACES) the PBBS will list the full message headers of all BULLETINS addressed TO that category.

LLn [;]

Lists the most recent n number of messages in the mailbox that the current user is allowed to read.

LM (ine) [;]

Lists all messages in the mailbox which are addressed to the user currently connected.

LO [+|-]

Sets the order in which messages are listed. When set to +, the messages are listed in ascending numerical order (oldest to newest). When set to "-", the messages will be listed starting with the highest message number (newest to oldest). The listing order can not be changed if the PBLO command is set to FIXED.

LT [;]

Lists all TRAFFIC messages.

K(ill) n

Deletes message number n from the mailbox. You may only delete TRAFFIC messages, PRIVATE messages addressed TO or FROM you, or BULLETINS you sent. The SYSOP may delete any message, including BULLETINS.

KM(ine)

Deletes any messages marked as READ addressed to the current user. Messages marked as NOT READ, will not be deleted.

R(ead) n

Reads a specific message by number. Only PRIVATE messages addressed TO or sent from the current user, and any BULLETIN or TRAFFIC messages, may be read. PRIVATE messages addressed to the current user will have the STATUS flag set to Y, when read.

Using RH instead of R will include the message headers as well as the other information provided by the Read command. The message header contains the date/time the message was received at each forwarding BBS that forwarded the message.

RM(ine)

Displays all unread messages addressed to the current user.

S(end) call

Sends a PRIVATE message to the callsign specified. Using S(end) is the same as using the SP command.

SB cat

The SB (Send Bulletin) command is used to send a BULLETIN addressed to the specified category.

SP call

The SP (Send Private) command is used to send a PRIVATE message to a specified callsign. Using this command is the same as using the S(end) command.

ST zip

The ST (Send Traffic) command is used to send NTS type traffic messages to the PBBS.

Some of these commands are described in more detail below.

Sending Messages

The SEND command (and its many forms) allows the following syntax:

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S call [@ bbcall [.haddr]] [$ mid]
SP call [@ bbcall [.haddr]] [$ mid]
ST zip [@ location [.haddr]]
SB cat [@ location [.haddr]] [$ bid]
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where:

call is the callsign of the station the message is addressed to.

bbcall is the callsign of a full service BBS to deliver the message to.

haddr is the complete Hierarchical address designator for the BBS system or destination of the message (see the section below on "Hierarchical Addresses" for more detailed information).

Contact a local community BBS SYSOP for complete information on local Hierarchical addressing.

location is the designator used for distribution of the message. For TRAFFIC, this should be NTSxx where xx is the two letter POSTAL code for the state.

mid is the MESSAGE ID assigned to the message by the originator.

bid is the BULLETIN ID assigned to the message by the originator.

zip is the 5 digit postal zip code (or postal code).

cat is the message category. For instance, a message requesting help on a subject may be sent to the category HELP, info sent to INFO, items for sale to SALE, etc.

Contact a local community BBS SYSOP for some other examples and suggestions.

When sending a message to the PBBS, it must include the @BBS (bbcall [.haddr]) field if the message is to be forwarded from the PBBS to a full-service BBS system. Any message entered into the PBBS over the radio will initially be marked with a status of H (held) and will not be allowed to be forwarded, until the SYSOP has edited the message header and changed the H flag. This gives the SYSOP full control over the relayed messages from the PBBS. Messages entered from the local keyboard connected to the TNC do not require editing in order to be allowed to be forwarded, but must include at least an @BBS field to enable the reverse forwarding.

Listing Messages

When listing messages with any of the LIST commands, a display will be similar to the one shown below. If the optional semi-colon (;) is specified in the list command, the display will also include the @BBS field (if it exists) in square braces after each line.

MSG#	ST	SIZE	TO	FROM	DATE	SUBJECT
6	B	45	KEPS	W3IWI	10/19/01 09:37:11	2 Line Element set
4	B	26	HELP	WB5BBW	10/19/01 09:34:05	Xerox 820
3	T	38	66044	WØOUU	10/19/01 09:33:42	QTC Lawrence 913/842
2	PN	14	NØAPJWØSC		10/19/01 09:33:27	AMTOR
1	B	30	ALL	KCØKON	10/19/01 09:32:49	Need help on AMTOR

102120 BYTES AVAILABLE
NEXT MESSAGE NUMBER 7
ENTER COMMAND: B,J,K,L,R,S, or Help

The message number (MSG#) is listed, followed by the STATUS of the message. This status includes the message type (B=Bulletin, T=NTS traffic, and P=Personal message). The second character in the ST column is the current status of the message.

A Bulletin status (type B) can be:

F -it has already been forwarded to another full-service BBS.

H -it is being held for review by the SYSOP because it was entered into the PBBS over the radio.

An NTS traffic message (type T) may have a status of:

H -indicating that it is being held for review by the SYSOP before it may be forwarded.

The Private message (type P) can have the following status characters in the second position:

H -This is a personal message that has an @BBS field but is being held for review by the SYSOP before it may be forwarded.

N -This message is a Personal message that has not been forwarded and has not been read by the station it is addressed to. If it is forwarded to a full-service BBS, it will be deleted if PBKILLFW is ON.

Y -This message has been read by the station it is addressed to, but has not been killed. It will not be forwarded even if it has an @BBS since it has already been read.

Editing Message Headers

The following command can be used to edit message headers:

```
E(dit) n [BPTYNFH] [>tocall] [<fromcall] [@BBS] "old" "new"
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