RMS Express

Background Message Processing
Using Contacts to Designate Mail Servers
Incoming Message Notification
Automatic Message Forwarding
Message Processing During Incidents

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Background Message Sending and Polling

- RMS Express has options to turn on background tasks to send messages in the Outbox and check for incoming messages.

- Other operations (such as radio sessions) can be done with the background tasks run.

- Outgoing messages are cleared from the Outbox, and incoming messages appear in the Inbox.

- Can be used with (1) Telnet CMS connections, (2) Network Post Office servers, (3) peer-to-peer Telnet connections.
Enabling Background CMS Telnet Operation

- Open “Settings” on Telnet session screen:

  ![Screenshot of Telnet Properties window]

  - Enable background message processing

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Background CMS Telnet Setup

- Select the connection time from 1 hour to 24 hours.
- Optionally check the option “Send all messages in Outbox”.
- If the send-all messages option is enabled, then all messages in the Outbox will be uploaded to a CMS when a background connection is made. If you want to be able to send messages via other means (e.g., radio), do not check this option. It should be used only in specialized situations.
Enabling Background Post Office Operation

- A network post office server is provided by RMS Relay.
- Edit a P.O. server entry on the Post Office session screen
Enabling Background P2P Telnet Operation

- Edit a Peer-to-Peer entry on the Telnet P2P screen
Viewing Enabled Background Tasks

- Click Files/View Background Tasks
Designating Servers with Contacts

- RMS Express includes an address book with contacts.
- Click the “Contacts” bar to open the list.
Adding a Contact Entry

- The “Name” is how messages are addressed to it.
- Open the list of mail servers, and select (CMS), a network post office server or a Telnet P2P connection.

Name of the contact. Use as a To address to send messages to this contact.

Actual e-mail address or callsign

Optionally, select mail server where messages are to be sent.
Sending Messages to a Contact

- Specify the contact name as the recipient
- Message will be sent to the callsign/address at the designated server using a background task.

Use name of contact as To address.
Using Contacts and Background Tasks for Incident Message Management

- A network post office server on a LAN or MESH network is an excellent way to transfer messages from radio operators (RADOs) to one or more incident communication coordinators (ICC).
- RADOs forward messages without change to the ICC using a contact entry with the network post office server selected.
- The ICC uses a background task to poll for incoming messages from the post office server.
- Message replies from the ICC are sent to the post office server for the RADOs to forward to the original sender.
Incident Message Flow

- RADO receives a message via radio.
- RADO queues a message acknowledgement to go via radio.
- RADO forwards the message to the ICC using a contact that directs the message to a network post office server.
- The ICC configures RMS Express to poll the post office server to get incoming messages automatically.
- The ICC turns on the background task option to “Send all message in Outbox”. When the ICC replies to a message, the message is sent to the post office server automatically.
- The RADO does background polling of the post office server to receive replies from the ICC as they are posted.
- The RADO forwards the replies via radio to the original sender.
Message Flow Between RADO and ICC

![Message Flow Diagram]

- Incident Communication Coordinator (ICC)
  - Automatic polling
  - Automatic sending

- WebEOC Logger
  - Automatic polling

- Network Post Office Server (RMS Relay)
  - Forward to contact
  - Automatic polling
  - Forward to contact
  - Automatic polling

- RADO 1
  - Automatic polling

- RADO 2
  - Automatic polling

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Incoming Message Notification and Forwarding
Click Files/Message Notification and Forwarding
Message Notification and Forwarding Screen

New Message Notification
- Make sound if message priority is at least this high: Priority
- New message notification sound: (none)
- Repeat sound until message is read
  - Stop the sound

Automatic Message Forwarding
- Automatically forward messages to the specified addresses
  - Forward if the message priority is at least this high: Priority
  - Forward via CMS if Internet is available, otherwise put in Outbox
- Addresses to forward to (separate with comma or semicolon)
  - phil@philsherrod.com

Save  Cancel
Message Notification

- Makes a sound when an incoming message arrives.
- You can select the minimum priority that triggers a sound.
- You can select which sound to make.
- You can decide if you want the sound repeated.
Automatic Message Forwarding

- Automatically forwards incoming messages to one or more addresses (callsigns, e-mail, contacts, groups).
- Can specify minimum priority to trigger forwarding.
- Allow forwarding to a CMS or force posting to Outbox.
Specifying Message Priority in the Subject

Put //WL2K priority/ in front of subject

- //WL2K R/ = Routine (normal/default) priority
- //WL2K P/ = Priority message
- //WL2K O/ = Immediate priority
- //WL2K Z/ = Flash (highest) priority

//WL2K P/This is a priority message
Questions?

Information about Winlink can be found at www.winlink.org

White papers about Winlink can be found at www.qrz.com/db/W4PHS