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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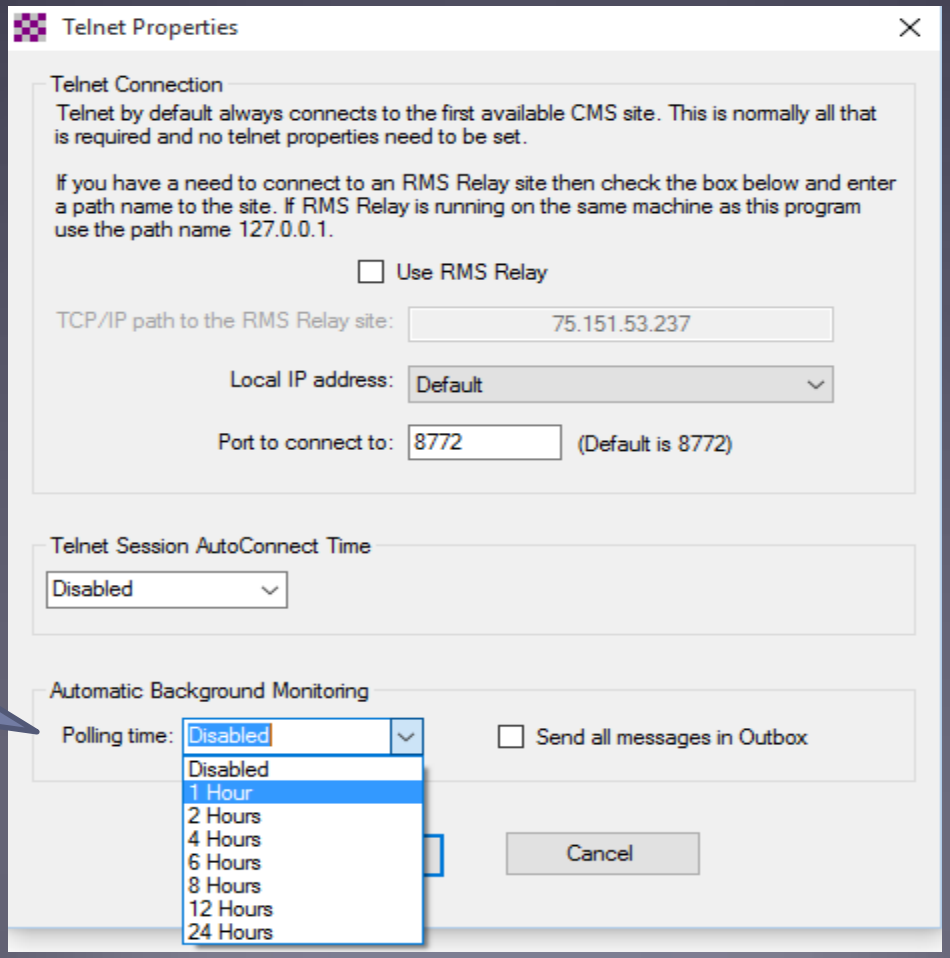
Background Message Sending and Polling

- 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:



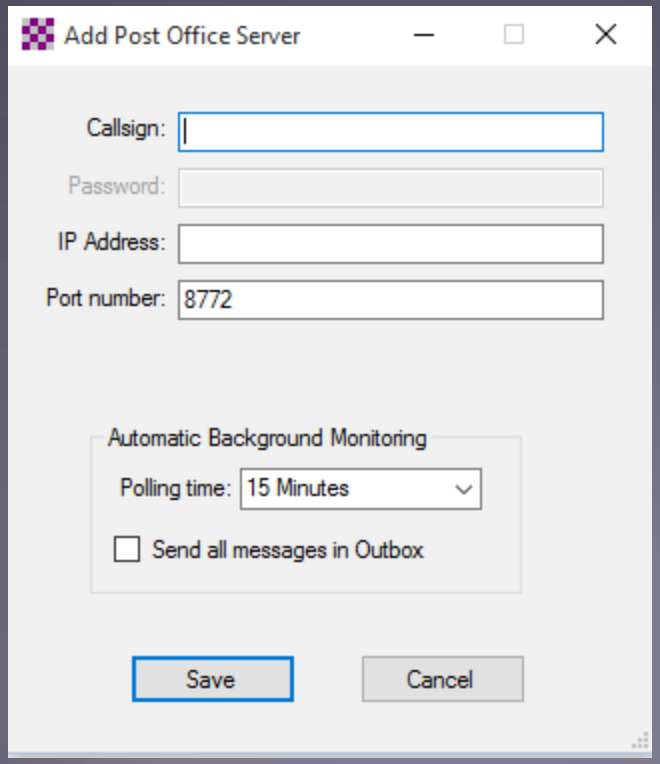
Enable background message processing

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.

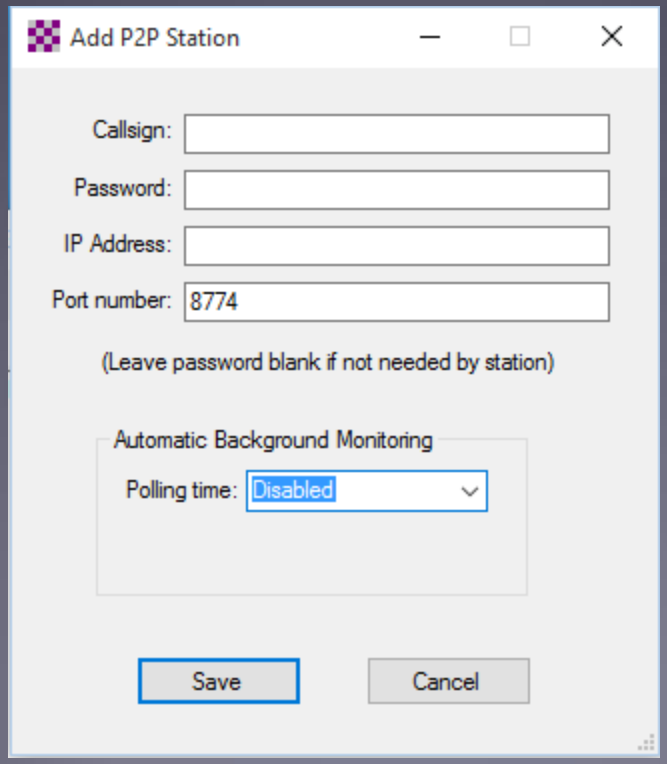
Enabling Background Post Office Operation

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



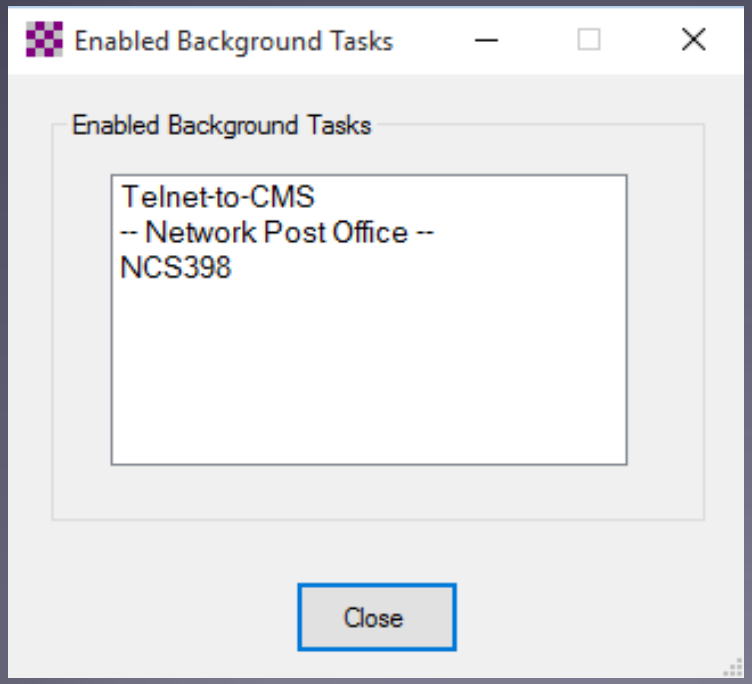
Enabling Background P2P Telnet Operation

- Edit a Peer-to-Peer entry on the Telnet P2P screen



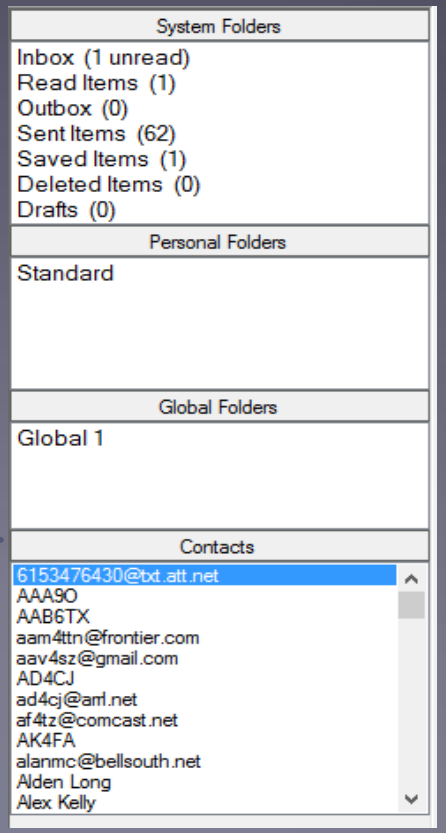
Viewing Enabled Background Tasks

- 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.



Click “Contacts” to open the address book.

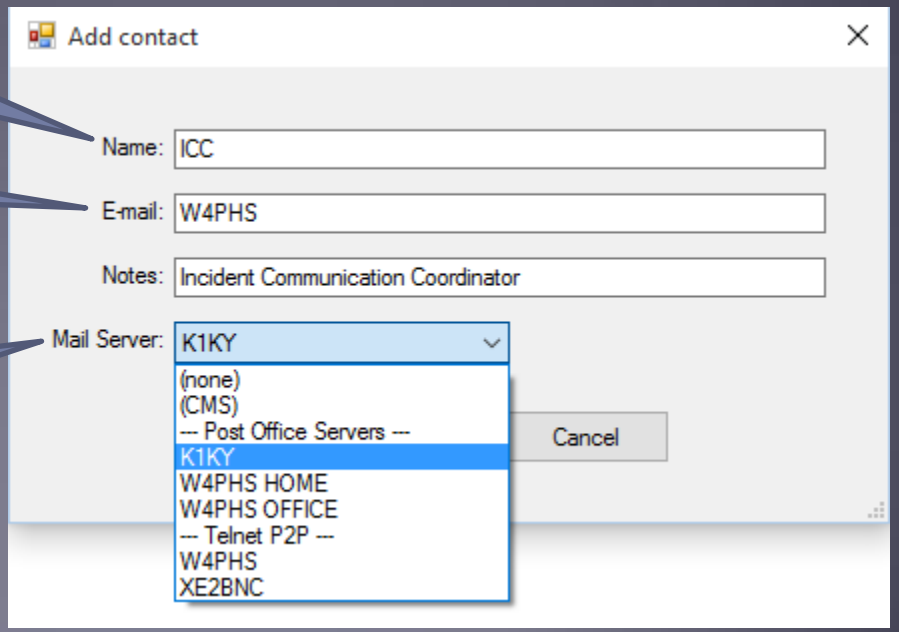
Adding a Contact Entry

- 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

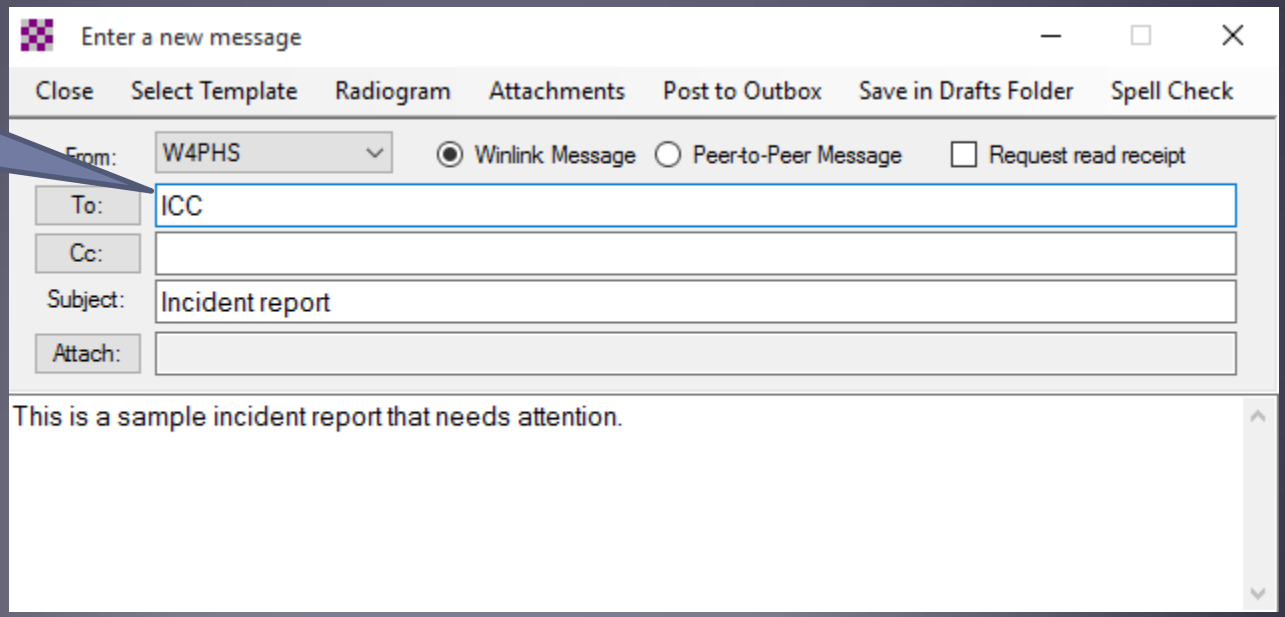
Optionally, select mail server where messages are to be sent.



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.



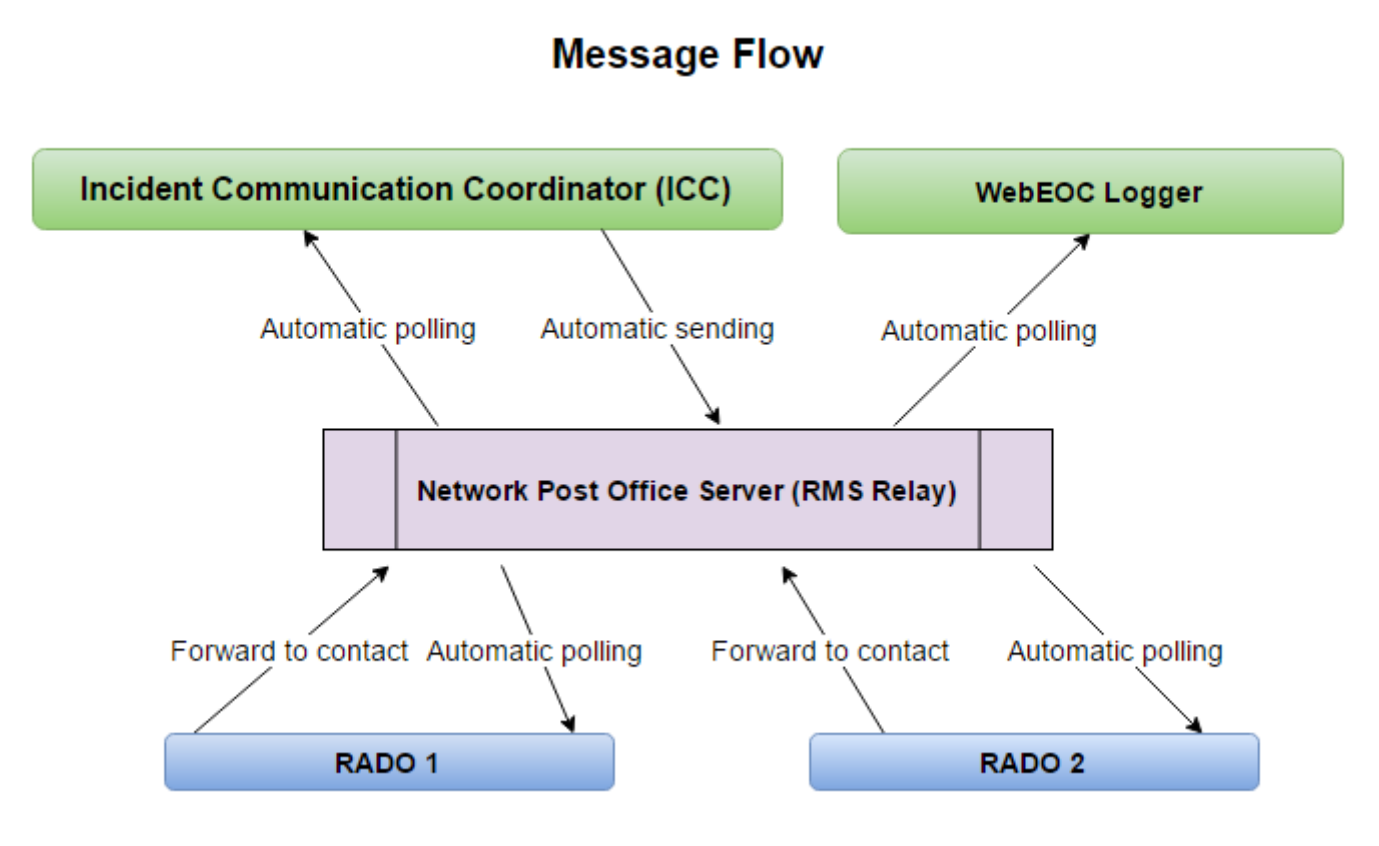
Using Contacts and Background Tasks for Incident Message Management

- 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

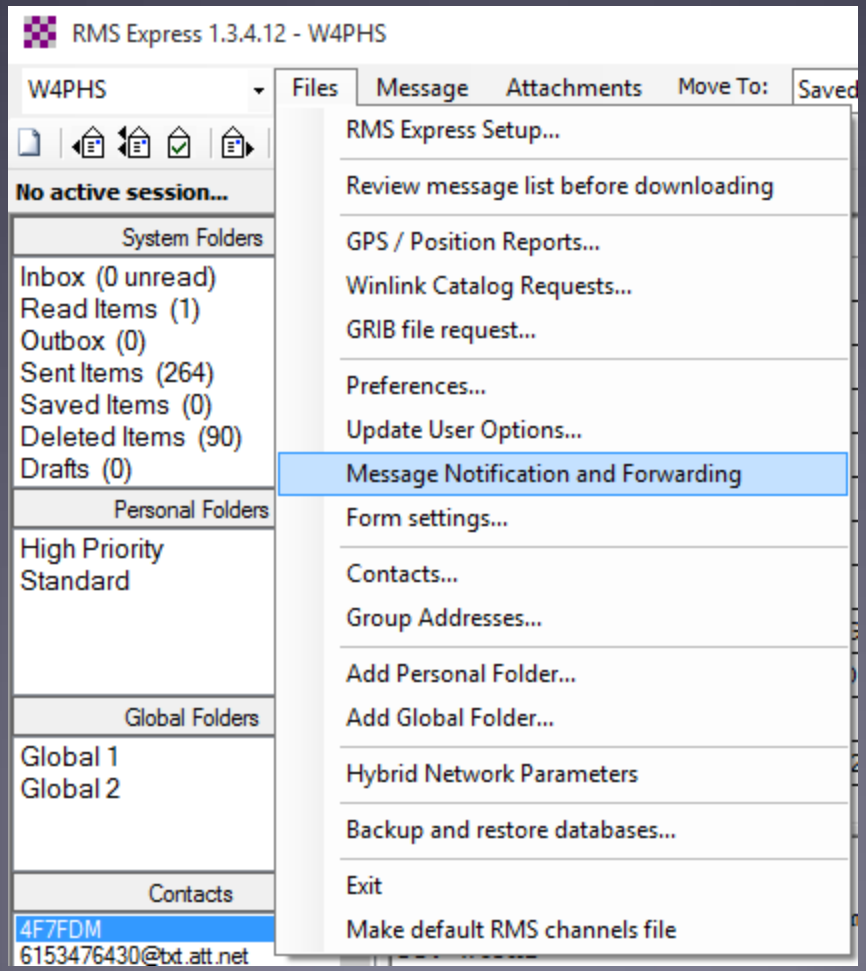
- RADO receives a message via radio.
- RADO queues a message acknowledgement to go via radio.
- RADO forwards the message to the ICC using a contact that directs the message to a network post office server.
- The ICC configures RMS Express to poll the post office server to get incoming messages automatically.
- 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

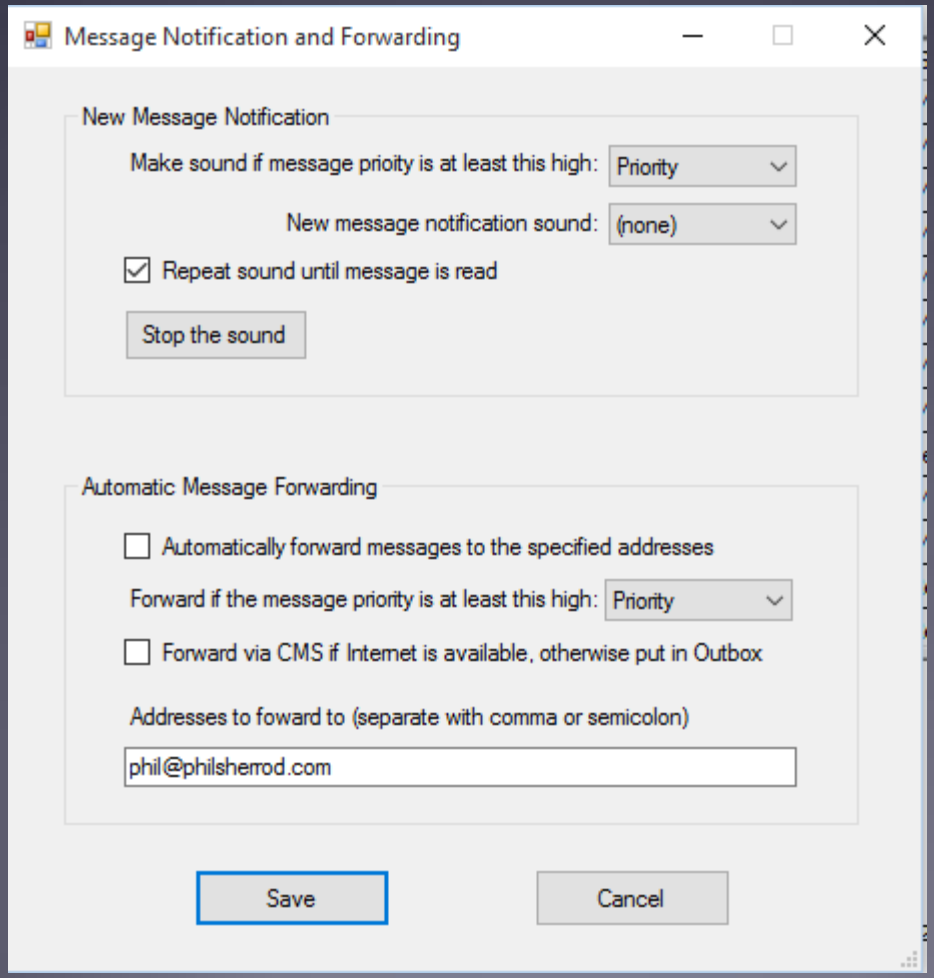


Incoming Message Notification and Forwarding

Click Files/Message Notification and Forwarding

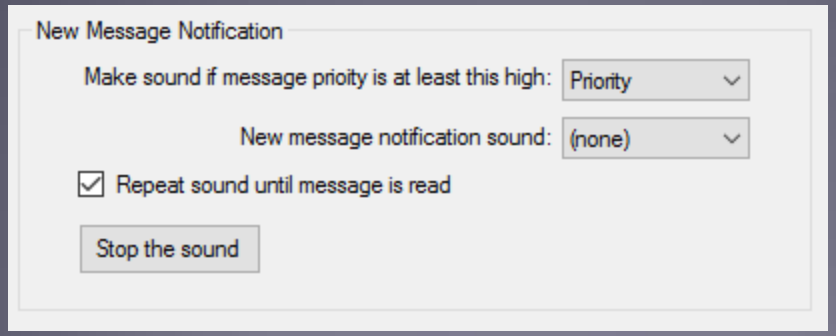


Message Notification and Forwarding Screen



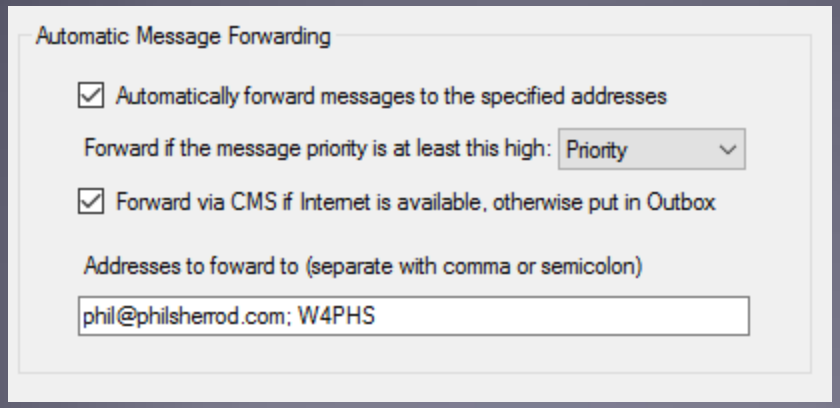
Message Notification

- 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