



WORLD DATA SERVICES

Application Notes

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1 Application Notes

These application notes apply to both Dial-Up Data Service and Direct Internet Data Service.

1.1 General Hints

Iridium World Data Services were designed to allow flexibility in using software applications. Most people have preferences for Internet browsers, email tools, etc., and each application has its advantages and disadvantages. Once you have established your data connection over Iridium, you will be able to use most applications to which you have become accustomed. However, it is important that you remember that you are using a communications link that is not as fast as the landline connections to which you may be accustomed. As such, the following recommendations are provided to help you optimize your performance and quality of service.

Browsing the Internet...

Downloading images will significantly degrade your Internet experience due to their size and lack of compressibility. Try these tips:

- Configure your browser to NOT automatically download images, especially since most images are banners, logos, and advertisements that you probably do not need anyway.
- Browse the Internet via common, fast-loading web portals (e.g., www.yahoo.com or www.lycos.com.)

Checking and Sending Emails...

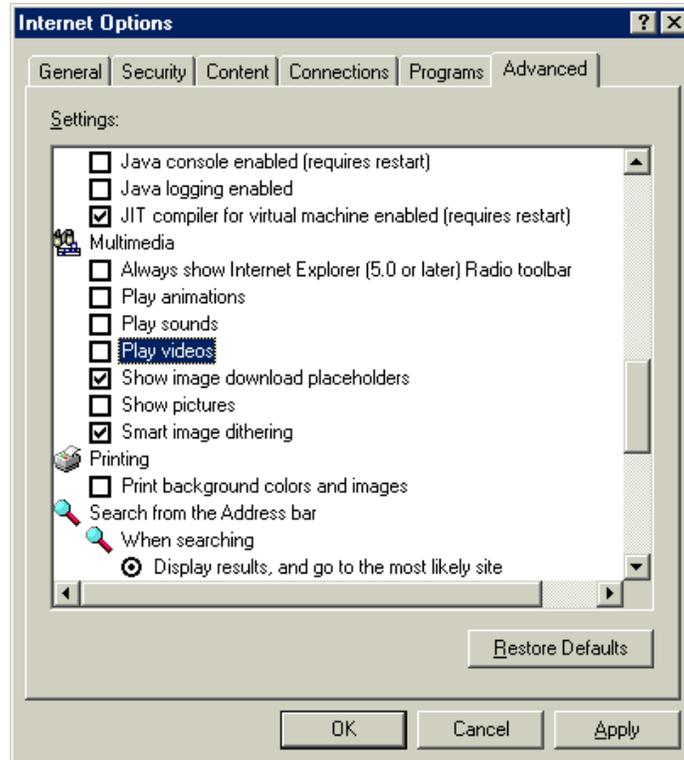
Large attachments will significantly degrade your ability to quickly check and send emails. While you can control what emails you send, you cannot control what people may send you.

- If possible, use an IMAP mail server, rather than POP. IMAP mail servers allow you to download just header information, allowing you the option of not downloading particular messages.
- If using POP, consider using an email program that lets you specify a maximum message size while downloading new messages, or use a web page based email service. This will allow you to view message headers and provide you with the option of whether or not to download the messages.
- Rather than copying yourself on your emails, configure your email tool to place a copy of your sent message on your local machine. If you copy yourself, you will just have to download it again the next time you check your email!
- Configure your email tool to not automatically include the original email in your replies. If you include the original message in your reply, this just increases the size of your outbound email message.

1.2 Microsoft Internet Explorer 5.x

It is recommended that you do not automatically load images while browsing the Internet via Iridium. To modify this, open Internet Explorer, and from the menu select *Tools > Internet Options*. Click on the *Advanced* tab, and scroll down to the Multimedia category in the settings list. De-select the checkbox for “Show pictures”, “Play Animations”, “Play Sounds” and “Play Videos”. Select the checkbox for “Show image download placeholders.” Click *Apply* to apply your changes.

Note that if you turn off the option to automatically load images, you can still easily load images for any given web site by right clicking on the image placeholder and selecting *Show Picture*.

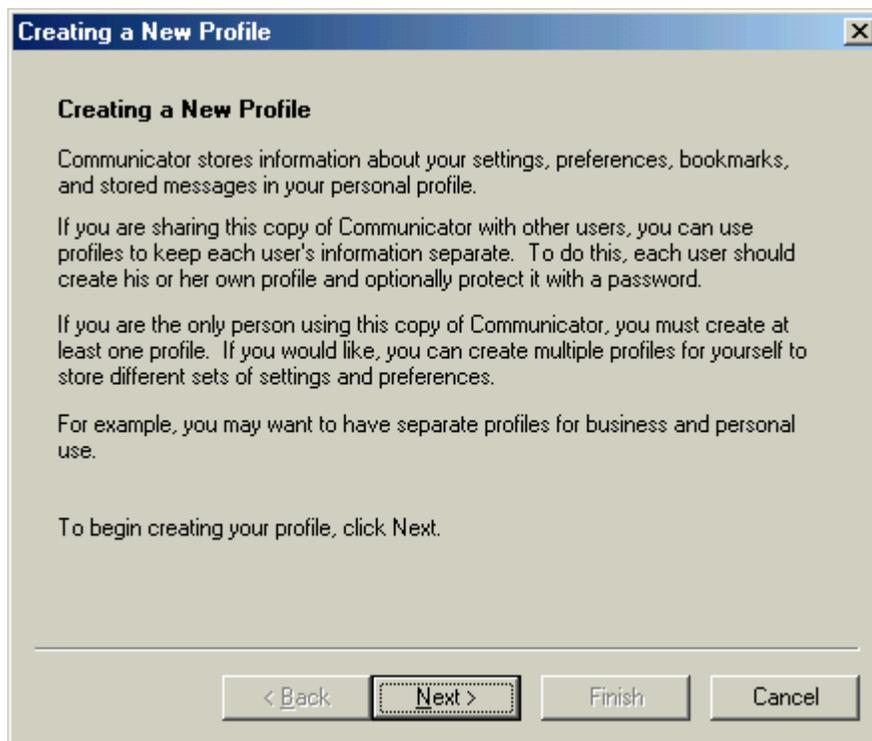


1.3 Netscape 4.7x

The following steps describe how to configure Netscape 4.7 for optimum performance.

Create New User Profile

1. Choose *Start > Programs > Netscape Communicator > Utilities > User Profile Manager* to open the Profile Manager window. Click *New...* to create a new user profile to use for Iridium World Data Services. While this is not necessary, it is recommended if you use your Netscape Communicator to browse the Internet or check email via alternate connections (for example, corporate LAN at work or dial-up ISP at home). Netscape's profiles allow you to easily store different settings and preferences for each connection.
2. The *Creating a New Profile* window will walk you through the necessary steps to create a new profile. Click *Next>* to continue. You can press *Cancel* at any time.



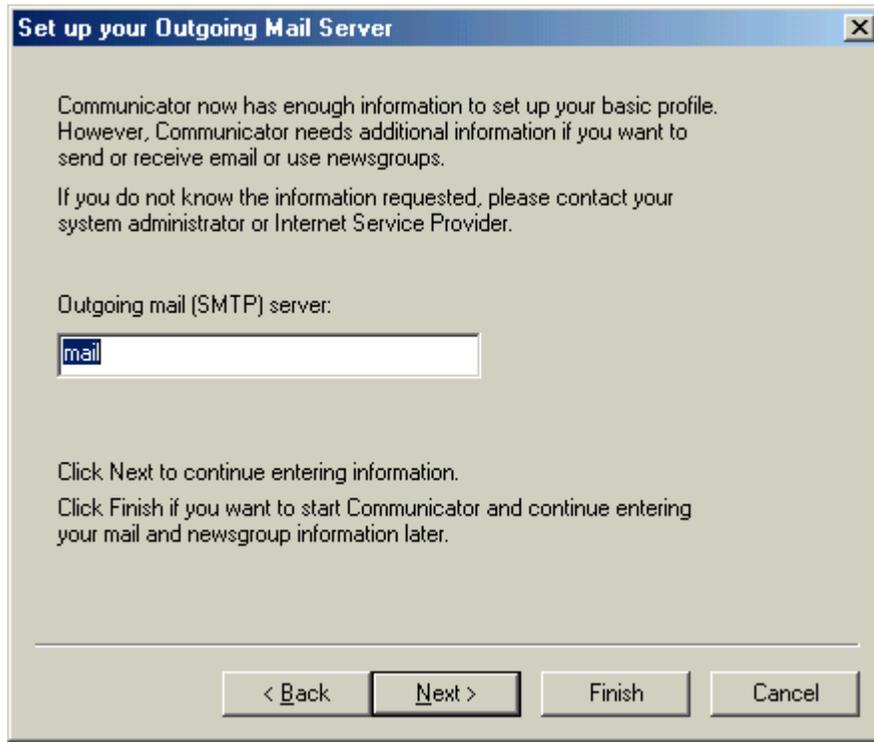
- When prompted, enter your name and email address and click *Next>* to continue. You can use the same name and email in different profiles. Be aware, however, that each profile stores emails in its own In-Box.

The dialog box has a title bar with the text "Enter your Name and Email Address" and a close button (X). The main content area contains the following text: "Please enter the name and email address for the person whose profile is being created." followed by "This information will be saved in the preferences of the new profile." Below this, there are two input fields. The first is labeled "Full Name:" and contains the text "John Smith" with a placeholder "(e.g. John Smith)". The second is labeled "Email Address (if available):" and contains the text "jsmith@address.com" with a placeholder "(e.g. jsmith@company.com)". At the bottom of the dialog, there is a line of text: "Please click Next to continue". Below this line are four buttons: "< Back", "Next >", "Finish", and "Cancel".

- When prompted, enter a profile name to identify this new user profile and click *Next>* to continue. Each time you start Netscape, you will be able to select this profile from a drop down menu in the Profile Manager window.

The dialog box has a title bar with the text "Choose a Name and Directory for your Profile" and a close button (X). The main content area contains the following text: "If you create several profiles, you will be able to tell them apart by their names. You may use the name provided here or enter a different one." Below this, there is an input field labeled "Profile Name:" containing the text "Direct-Internet". Below the input field, there is another block of text: "Your user settings, preferences, bookmarks, and stored messages will be kept in the directory given below. We recommend that you use the default directory already listed." Below this text is an input field containing the path "C:\Program Files\Netscape\Users\di". At the bottom of the dialog, there is a line of text: "Please click Next to continue". Below this line are four buttons: "< Back", "Next >", "Finish", and "Cancel".

5. If you are using this new profile to check email, enter the appropriate email server information when prompted and click *Next >* to continue. If you do not want to configure your email, click *Finish* to store your new profile.



Launch Netscape Navigator

1. Choose *Start > Programs > Netscape Communicator > Netscape Navigator* to launch Navigator. (If you are familiar with Netscape, you can use the icon in the task bar or a shortcut on your desktop.) If you have multiple profiles, select your Profile Name that you use for Iridium World Data Services, and click *Start Communicator* to open the Navigator window to browse the Internet.

Launch Netscape Messenger

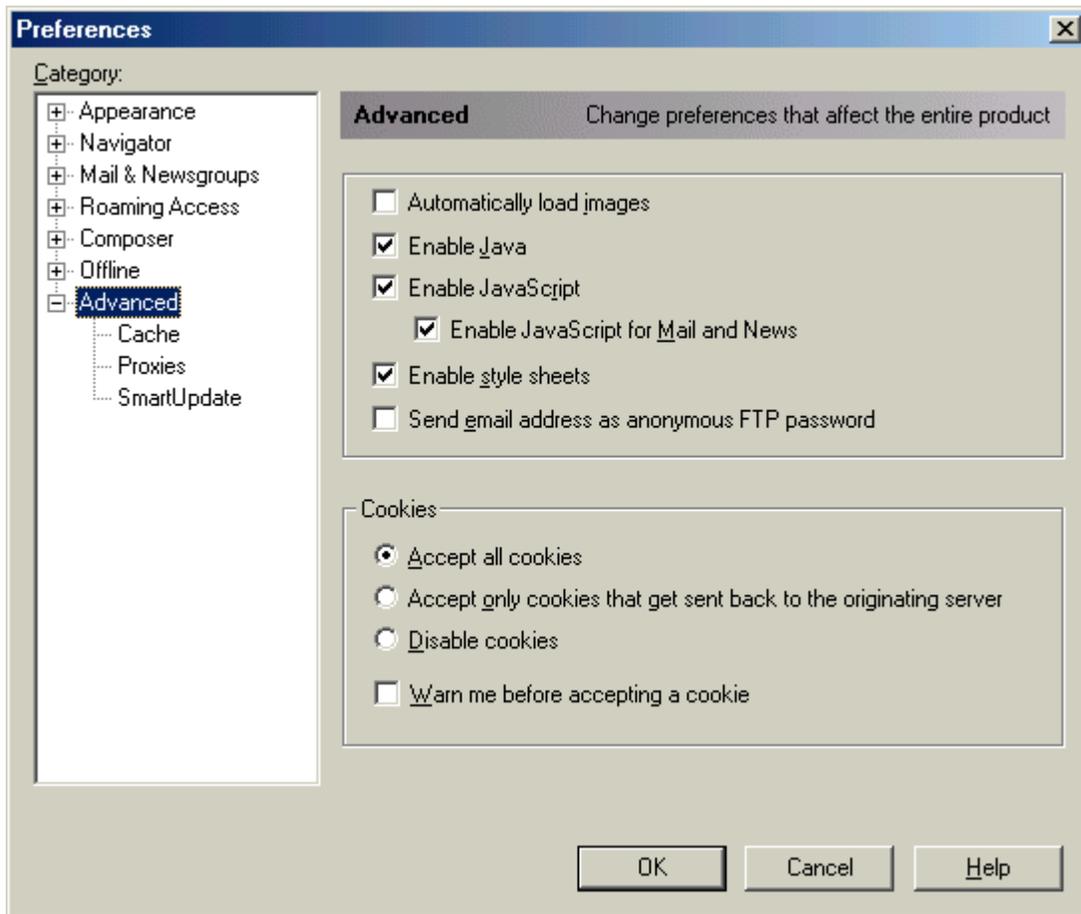
1. Choose *Start > Programs > Netscape Communicator > Netscape Messenger* to launch Messenger. (If you are familiar with Netscape, you can use the icon in the task bar or a shortcut on your desktop.) If you have multiple profiles, select your Profile Name that you use for Iridium World Data Services, and click *Start Communicator* to open the Messenger window to send and receive emails.



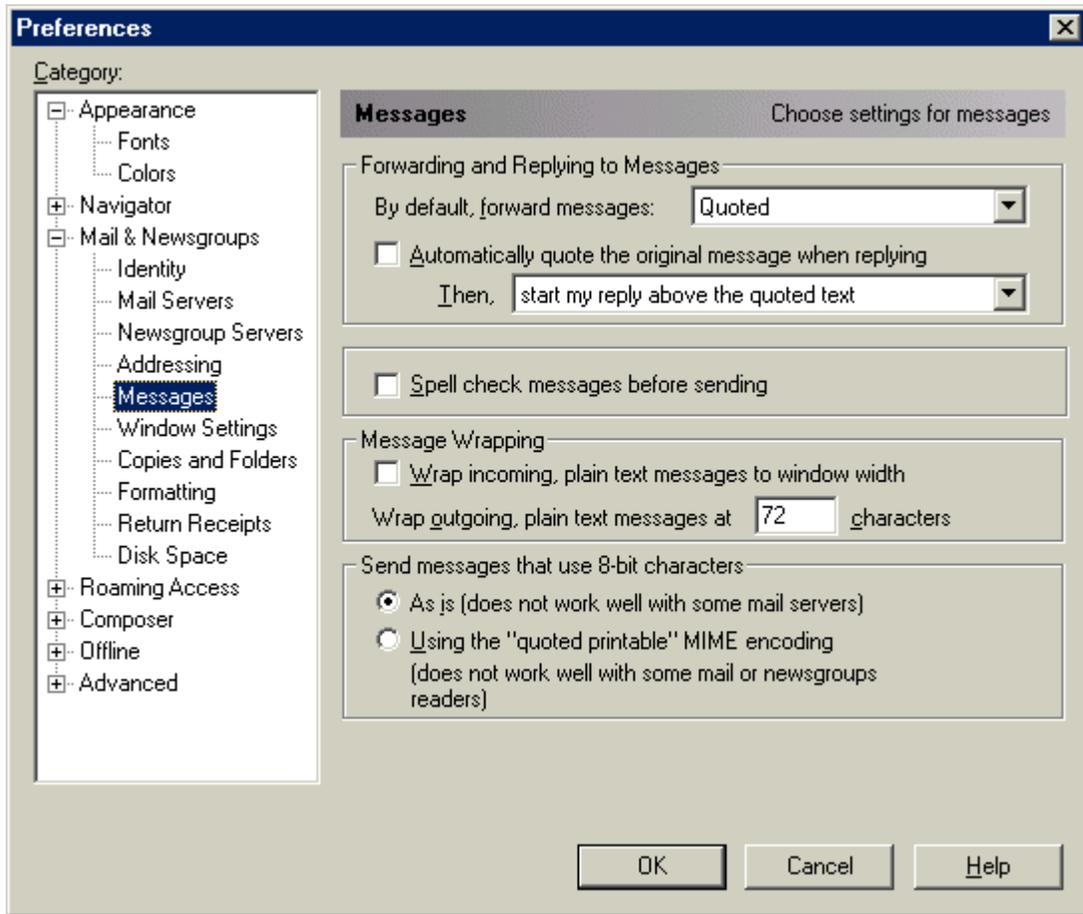
Change Preferences

1. Launch Netscape Navigator. Choose *Edit > Preferences* from the Navigator menu to change your user preferences.
2. It is recommended that you do not automatically load images while browsing the Internet via Iridium. To modify this, select *Advanced* from the Category list. De-select the checkbox for "Automatically load images" and click *OK* to save.

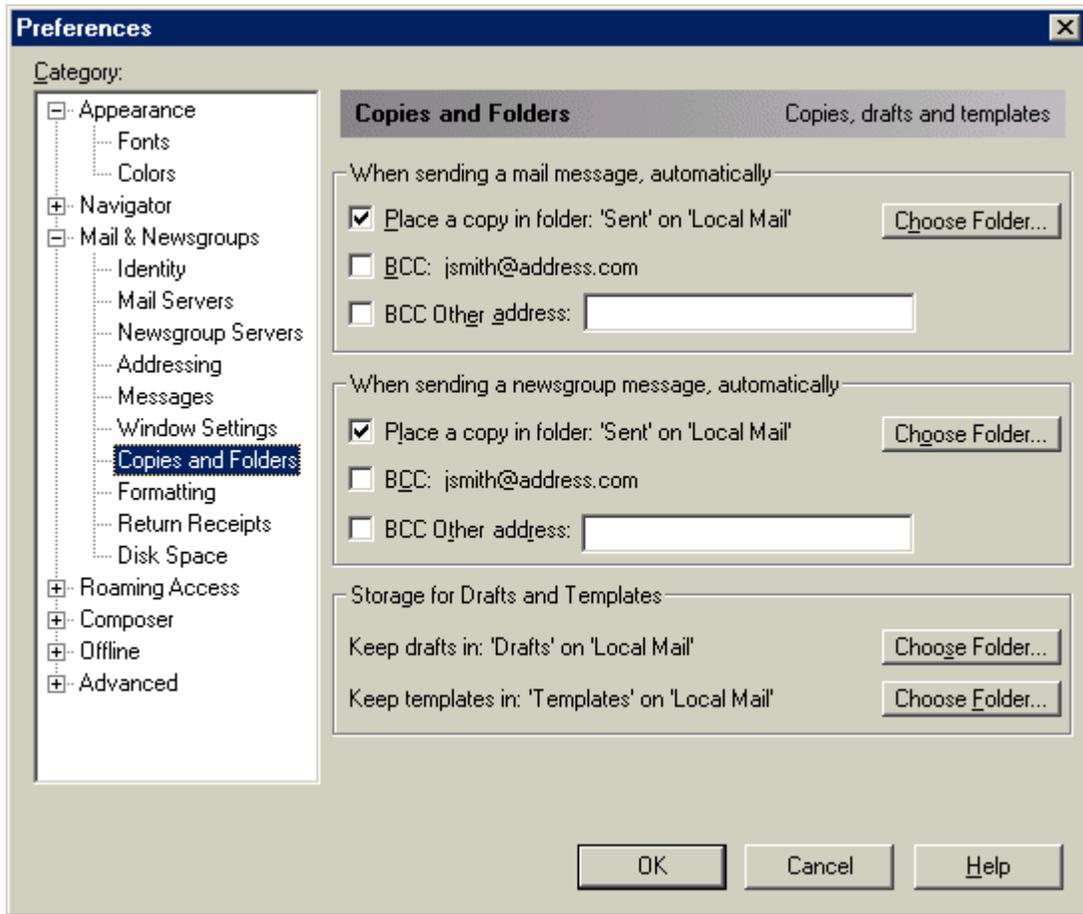
Note that if you turn off the option to automatically load images, you can still easily load images for any given web site by selecting the Images short cut from the Netscape tool bar or by selecting *View > Show Images* from the menu bar.



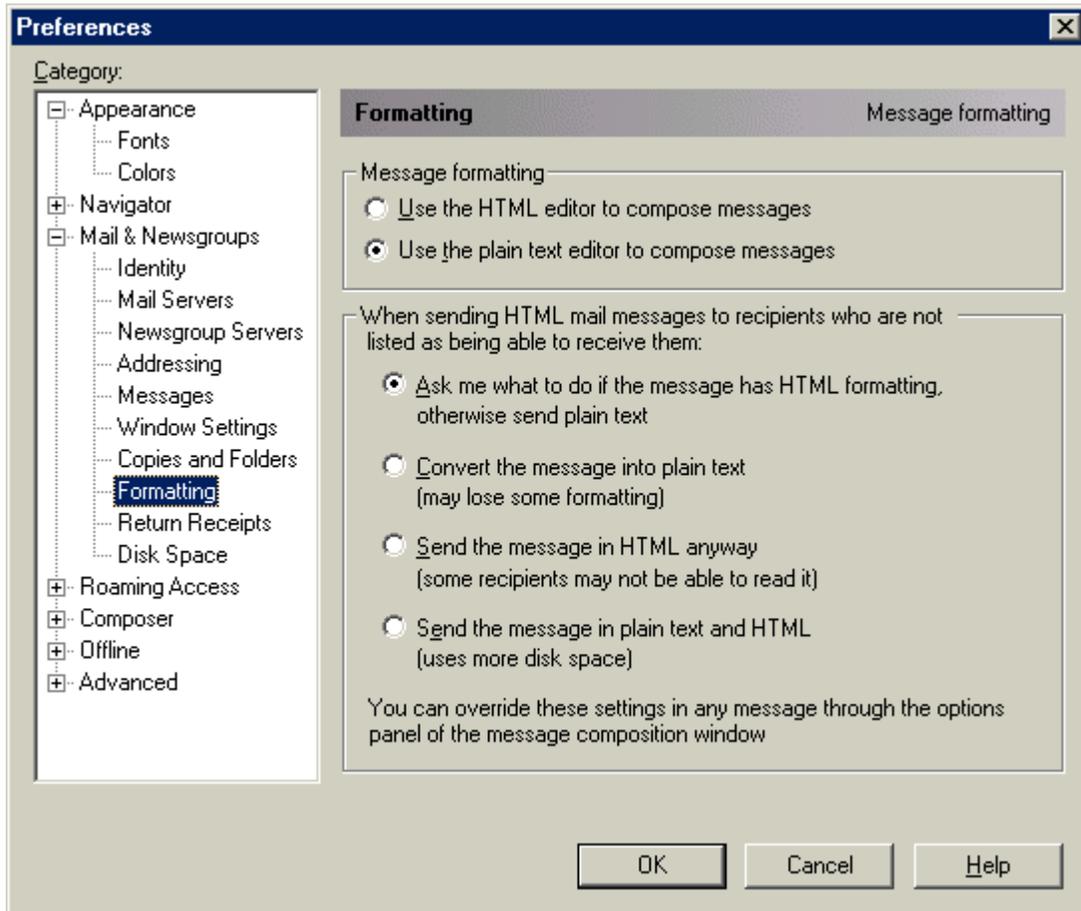
3. You can also optimize your email performance by modifying your email preferences. By deselecting “*Automatically quote the original message when replying,*” the original message will not be included in your reply, thus reducing the size of your outbound messages.



4. By deselecting the BCC option, you will not have to download the email the next time you check for new messages. Instead, place a copy of your outbound messages into your local "Sent" folder.



5. Consider sending your email as plain text, rather than HTML. This will reduce the size of your message.



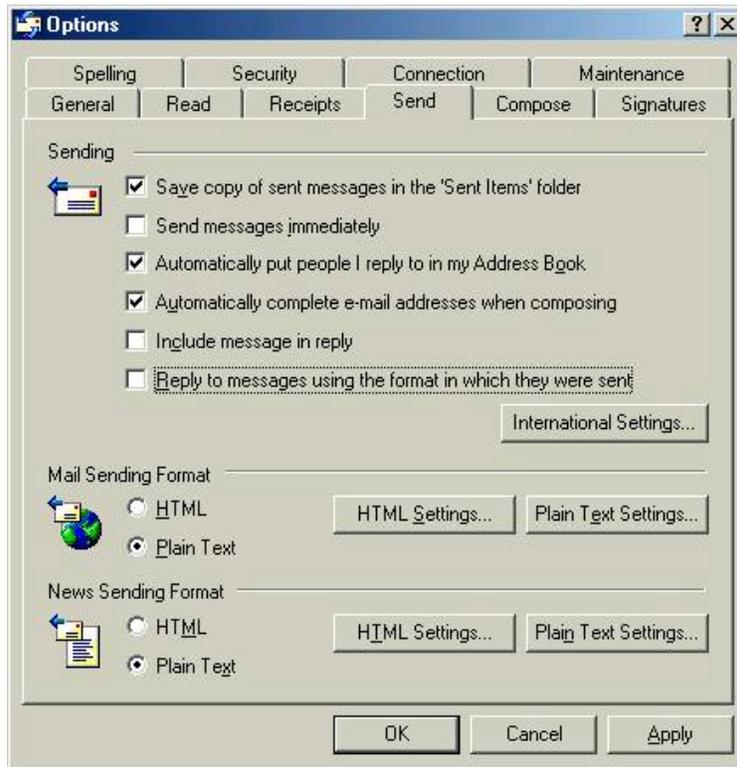
You can also change other preferences for Netscape in this Preferences window, and you are referred to the Netscape documentation for additional information. For example, in order to set your home page, select *Navigator* from the Category list, and modify the appropriate field.

1.4 Outlook Express 5

You can use many email programs with Iridium World Data Services. Following are suggestions for optimizing one popular email program, Outlook Express.

You can optimize your email performance by modifying your email preferences. Open Outlook Express, and select *Tools > Options* from the menu. By deselecting "Include message in reply," the original message will not be included in your reply, thus reducing the size of your outbound messages. Also, consider sending your email as plain text, rather than HTML. This will reduce the size of your message.

You can also create different identities in Outlook Express by selecting *File > Identities*. Refer to the Outlook Express documentation for more information.



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