Last modified: July 31, 1996

Internet Access for Workstation/PC where ISP assigns a static class C IP address

192.68.135.1
| W/S |
    192.68.135.3   204.5.1.1
| DNS | | Prestige | | ISP Gateway |
192.68.135.2
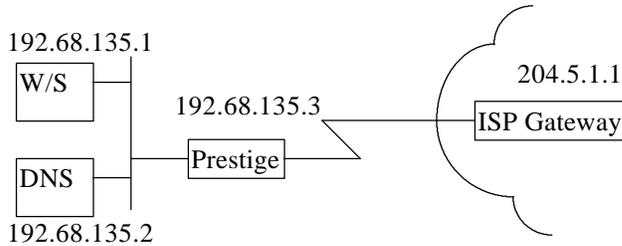
Note: The IP address shown above are examples only!

This configuration note explains how to set up a workstation on your network to use the Prestige to connect to the Internet via an ISP. In this configuration, the user has a class C Internet account which will assign a static IP address. There will be two items that you need to set up. These are the workstation and the Prestige.

I.   Workstation Setup

To set up the workstation (W/S), you will need to set the following parameters:

- **IP Address** - the IP address assigned to the workstation itself, in the above example, '192.68.135.1'
- **Subnet Mask** - the subnet mask used for your network. Class C networks generally use a 24-bit netmask, '255.255.255.0'.
- **DNS (Domain Name Server) Address** - the IP address of the server station on your network that acts as the DNS. In the above example, '192.68.135.2'.
- **Default Gateway** - the IP address of the station or device on your network that acts as a default gateway. That is, any packets without an implicit route to their destination IP address will be routed to the default gateway. Since the Prestige is connecting to the Internet, the default gateway in this case would be the IP address of the Prestige, '192.68.135.3'.

The procedure for configuring these parameters for your workstation may differ depending on the type of TCP/IP networking software you are using on your workstation. If you are unfamiliar with how to set these parameters, you can refer to the technical notes corresponding to your software.

- Trumpet Winsock Windows 3.1 Workstation Setup - see section 'Internet Access'
- Chameleon LAN Setup - see section 'Internet Access'
- Windows 95/NT - see section 'Internet Access'
- MacTCP Setup

II. Prestige Setup

In order to configure your Prestige for this application, make sure you have the following menus configured correctly.

Note that the fields are indicated in **bold** type.

Menu 1:

```
                    Menu 1 - General Setup

          System Name= P2864I
          Location= San Jose
          Contact Person's Name= CC


          Route IP= Yes
          Route IPX= N/A
          Route AppleTalk= N/A
          Bridge= No







          Press ENTER to Confirm or ESC to Cancel:
```

- In menu 1, make sure the **Route IP** field is set to 'Yes'.

Menu 2:

```
                    Menu 2 - ISDN Setup

          Switch Type= Northern Telecom Custom

          B Channel Usage= Switch/Switch
          1st Phone #= 5551212
            SPID #= 408555121200
            Analog Call= Modem
          2nd Phone #= 5551213
            SPID #= 408555121300
            Analog Call= Voice






          Press ENTER to Confirm or ESC to Cancel:
```

- In menu 2, set your switch type, phone numbers, and SPIDs (if necessary).
- After saving this menu, you will be asked if you want to perform an ISDN connection test. Select 'Yes' to perform the test. If the test fails, refer to the User's Manual Troubleshooting section for corrective action.

Menu 3.2:

```
             Menu 3.2 - TCP/IP Ethernet Setup

        IP Address= 192.68.135.3
        IP Subnet Mask= 255.255.255.0
        RIP Direction= Both

















        Press ENTER to Confirm or ESC to Cancel:
```

- In menu 3.2, the **IP Address** and **IP Subnet Mask** field must be set correctly.

Menu 4:

```
             Menu 4 - Internet Access Setup

        ISP's Name= My_ISP
        ISP IP Addr= 204.5.1.1
        Pri Phone #= 5551214
        Sec Phone #=
        My Login= username
        My Password= ********
        Single User Account= No
          IP Addr= N/A
           Server IP Addr= N/A
        Input Filter Sets=
        Output Filter Sets=
        Call Filter Sets=




        Press ENTER to Confirm or ESC to Cancel:
```

- The **ISP IP Addr** field should be set to the ISP Gateway address. This address is supplied by your ISP.
- **Pri Phone #** is the number your Prestige has to dial in order to access your ISP. This number is supplied by your ISP.
- **My Login** and **My Password** is the login information provided by your ISP.
- Since you have a Class C Internet account, **Single User Account** should be set to 'No'.
- After saving this menu, you will be asked if you want to perform an Internet connection test. Select 'Yes' to perform the test. If the test fails, refer to the User's Manual Troubleshooting section for corrective action.

Menu 11:

```
              Menu 11 - Remote Node Setup

        1. My_ISP (ISP)
        2. _____
        3. _____
        4. _____










              Enter Node # to Edit:
```

After you have configured and saved menu 4, you should see that you have created a remote node in menu 11. You can perform more advanced configuration options to this remote node in this menu. In addition, you can make manual calls to the Internet by using the **Manual Call** option in menu 24.4 and selecting the corresponding '(ISP)' remote node.