Accessing the ARCS Network

I. Purpose:

To provide a procedure for accessing the ARCS network.

II. Cautions and Hazards:

None.

III. Requirements:

None.

IV. Procedure:

A. Information for Manus:

1. IP choices for your laptop:
   198.252.143.246
   198.252.143.247
   198.252.143.248

2. Netmask: 255.255.255.0

3. Gateway: 198.252.143.1

4. Adam address: 198.252.143.16

B. Information for Nauru:

1. IP choices for your laptop:
   198.129.81.101
   198.129.81.102
   198.129.81.103

2. Netmask: 255.255.255.192

3. Gateway: 198.129.81.65

4. Adam address: 198.129.81.66

C. Important IP address:

1. dmf.arm.gov: 192.148.93.66

D. Accessing the ARCS network:

1. Plug your computer into one of the unused Ethernet cables located in one of the vans.

2. Go to 'My Computer' icon and open up the 'Control Panel' icon.

3. Select the 'Network' icon.

4. For NT – Select Protocol, select TCP/IP.

5. For Win95 – Select your TCP/IP card.

6. Select Properties.

7. Keep record of the current information for TCP/IP address, Netmask, and Gateway.

8. Change the TCP/IP address, Netmask, and Gateway as per the site you are on.

9. Press Apply.

10. Press either Yes or Close until the computer asks you to reboot.

11. Reboot the computer by answering Yes to the question.

12. After reboot select the Start button.

13. Select Programs and then Command Prompt.

14. At the c:\ prompt type
    ping <Adam's IP address as shown above for the site you are on>

    - If you get 'Reply from' message you are on the network.

    - If you get 'Timed out' you are not on the network.

    - **Note:** adam does not have DNS activated. You need IP address for anything you wish to reach outside of the network.

V. References:

None.

VI. Attachments:

None.