Appendix D – Polycom PathNavigator Configuration Summary

This example assumes installation has been successfully completed and an Administrator password has been set. Where a configuration option is not mentioned, it can be ignored or left unchecked. Always select **Submit** (or **OK**) before leaving a page or pop-up configuration window, to confirm and save any changes.

Configuration>General>Gatekeeper Identifier: **Suitable name**

Configuration>General>Gatekeeper Description: **Suitable description**

Configuration>Registration Policy: **Predefined Endpoints Only**

Configuration>Registration Policy> Registration timeout: **999**

Configuration>Registration Policy> Offline timeout: **300**

*(***Submit***)*

Configuration>Call Policy>Routing Mode: **Direct**

Configuration>Call Policy>Show messages on Polycom: **Checked**

Configuration>Call Policy>Neighbour gatekeeper hop count: **9**

*(***Submit***)*

Configuration>Routing and Policies>Network Topology>Networks>Add

Network name: **Suitable name**

Endpoints within this network…zone: **Checked**

Country Code: **044**

Area Code: **Local telephone code**

# of digits: **6**

Did Assignment: **both zero**

IP Config:

Default Group Policy: **Everyone**

Default LCR table: **None**

(**OK**)

Configuration>Routing and Policies>Network Topology>WAN Links>Internet/VPN>Add

WAN Link Name: **Link to JANET** (or similar)

First network in path: **name of the network created in the last step**

Other networks reached…: **None**

Max bandwidth: **Suitable value**

Max Bit Rate: **768** (or other suitable value)

(**OK**)

Configuration>Routing and Policies>Network Topology>Network Addresses>Add

IP address: **single machine or Class C address** (latter ends in .0)

Subnet mask: single machine: **255.255.255.255;** *Class C:* **255.255.255.0**

Max Video bandwidth: **suitable value** (2,000 suggested)

Max bit rate: **suitable value** (768 suggested)

(**OK)**

Repeat the above step until all networks (with endpoints) administered by this PathNavigator have been added.

Configuration>Neighbor Gatekeeper>Neighbors>Add

Description: **JVCS Directory Gatekeeper**

IP: **aaa.bbb.ccc.ddd** (IP address supplied by JVCS)

Prefix: **Leave blank**

# of digits to strip: **0**

Prepending String: **leave blank**

Port: **1719**

(**OK**)

Repeat the above step for the second JVCS directory gatekeeper, substituting its numeric IP address.

Configuration>Neighbor Gatekeeper>Local Zone Prefixes>Add:

Description: **Gatekeeper name** (this gatekeeper – as in 'gatekeeper identifier' above)

Prefix: **0044xxxxx** (xxxxx = 5-digit zone number supplied by JVCS-MC)

(**OK)**

Note: an alternative approach: If the *Configuration>Registration Policy* is originally set to 'Everyone', then each legitimate endpoint registers, and is visible on the *Monitor>Endpoints* page. The *Configuration>Registration Policy* can then be re-set to 'Predefined Endpoints' and the next step can be omitted, as the endpoints registered at the time of making the change will be retained in the endpoint list.

Monitor>Endpoints>Add:

Type: **Terminal**

IP Address: **complete for Static/**D**HCP; enter** I**P address of terminal**

Call Signalling Port: **1720**

Expiration: **Never**

Use default from network

Group Policy: **Everyone**

Alias type(1): **E.164**

Alias value(1): **terminal extension number** (the terminal's local 'extension' number)

Alias type(2): **H.323 ID**

Alias Value(2): **terminal-jvcs-reg-name@domain** [1] (substitute your correct values)

(**OK**)

Repeat the above step until all terminals are known to the gatekeeper.

End of Configuration.

Links
[1] mailto:terminal-jvcs-reg-name@domain