APPENDIX B

JANET-CUDN Connectivity

**Current**

- William Gates Building
  - JANET Uplink Rack
  - JANET over GBN (99% diverse)
- ARUP Building
  - JANET Router
  - CUDN Router
- Dual redundant links

**Proposed**

- JANET
  - JANET Uplink Rack 2
  - JANET Backup Links to diverse destinations*
- Requirements for second JANET link
  - New physical location in WCDC
  - Second set of active equipment
  - Diverse fibre routes – CUDN + JANET
- GBN into WCDC - two fully diverse routes (primary, secondary)
  - Commercial Carriers (BT, Virgin Media, Redcentric) share the same route as GBN primary route

*Dual JANET backup links maintain site connectivity but at a reduced speed and without all JANET services e.g. Lightpath