Appendix F- Wireless specification/Transmission

Please see the table below which illustrates the number of ‘wireless’ systems which have been added over time.

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| **Town** | **Specific area** | **Cameras** | **Transmission route** |
| Weston-super-Mare | Bournville Estate | 6 | Cameras transmit to high building on the estate to which there is line of sight. Further most distance approx. 500 meters.  From the high building (Alexandra House) the transmit approx. 1,600 meters to the town hall (control room). |
|  | Castlebatch/Meadvale | 2 | Castlebatch (1 camera) has no direct line of sight to the Town Hall Control Room. Meadvale does (1 camera). Castlebatch can see Meadvale so transmits to Meadvale and both then transmit to the Town Hall Control Room. |
|  | Loxton Road/Coronation Estate | 1 | Direct from location to Town Hall Control Room |
|  | Rozel/Marine Lake | 1 | Transmits across the lake to camera 3 and then comes back to the Town Hall Control Room using NSC owned fibre network |
|  | Town Centre Area | 6 | All 6 cameras have line of sight to the Technical College (High Building) where they transmit back to the Town Hall fibre by utilising NSC owned fibre |
| 1 – 5 above consists of a variety of ‘manufacturer’s’ kit, (Motorola, Ubiquity, Silvernet) and we wish to specify that this is replaced with ‘one’ supplier/manufacturer. It is accepted that it may be necessary for each area (1 – 5 as above) to be received at different points on the Town Hall Building or not as a survey may determine. Any investigation (survey) to determine how best to do it will be at your discretion.  However, as these systems have been in use for several years it is ‘given’ that there is line of sight from each location. These works are to ‘replace’ existing wireless systems. | | | |
| Clevedon |  | Clevedon CCTV Cameras 102 – 110 (9 cameras) | To Wirelessly link the Cameras to a collection point and then utilise a ‘broadband’ link from the collection point back to control. |
| A survey has been carried out to assess the feasibility of migrating from B.T fibre to a wireless type transmission.  A survey to link Clevedon beyond the town itself (i.e. to the Control Room in WsM or to the other towns) has not taken place hence not included in this specification. | | | |
| Nailsea |  | Nailsea CCTV Cameras 201 – 112 (12 cameras) | To Wirelessly link the Cameras to a collection point and then utilise a ‘broadband’ link from the collection point back to control. |
| A survey has been carried out to assess the feasibility of migrating from B.T fibre to a wireless type transmission.  A survey to link Nailsea beyond the town itself (i.e. to the Control Room in WsM or to the other towns) has not taken place hence not included in this specification. | | | |
| Portishead |  | Portishead CCTV Cameras110 – 115 (5 cameras) | To Wirelessly link the Cameras to a collection point and then utilise a ‘broadband’ link from the collection point back to control. |
| A survey has been carried out to assess the feasibility of migrating from B.T fibre to a wireless type transmission.  A survey to link Portishead beyond the town itself (i.e. to the Control Room in WsM or to the other towns) has not taken place hence not included in this specification.  It should also be noted that P116 (Avon Way) is not included. (Due to it not being feasible to connect wirelessly) | | | |