



## **S4C Live Streaming Good Practice – simple guide.**

**(This is in addition to any planning meetings and S4C event production meetings held prior the event)**

### **Overview:**

S4C have at Central Square Cardiff the following Elemental Encoders for streaming services:

• S4C Linear Out – Clic (with advertisements and sponsorship stings)
• S4C Linear Out – BBC iPlayer (no advertisements or sponsorship stings)

The above units are reserved specifically for the linear channel output, and we have four encoders for events.

• S4C Ad-Hoc 1	• S4C Ad-Hoc 3
• S4C Ad-Hoc 2	• S4C Ad-Hoc 4

All the above also have reserves for resilience and the S4C bug is presented on all - top screen left.

Streams are presented to Clic & BBC iPlayer, and to other platforms via Wildmoka (software for publishing and clipping up to social media services, YouTube etc)

*Note: Currently we do not offer multiple event channels to BBC iPlayer.*

The Wildmoka platform has two fulltime connections to its platform – for major events with more than one extra stream additional connections need to be ordered and this has a lead time of 4 weeks.

**Sources from the OB are presented direct to Central Square – these can be fed direct via:**

- Satellite
  - Live U (please note if hiring serial nos needed for BBC CSq to locate).
  - WMT
- Or
- Via the S4C Nimbra/Arqiva network from Gorilla Cardiff, Tinopolis Llanelli or Rondo Caernarfon direct.

Where applicable we suggest at least 6Mbps - with 9Mbps (h.265) or above for live sporting or music events. Technical planning discussions can be arranged as required.

### **Line-up**

Planning will arrange an Outlook Calendar invite for the Web Streaming event, and this will be 30minutes before each stream goes live. Line-up will be with Central Square MCA and members of the various teams involved on all sides via a Zoom link accessible also via telephone.

### **Holding slides**

The OB/ Production company should have suitable holding slides for the stream with sound – all production is controlled by the supplier. In the event of a major fault Central Square may be able to supply a holding slide indicating a fault – note, this is not instant. There are some occasions where there is a requirement to play sponsorship slides / . mov's – this would be discussed in advance with the production company.

### **Time**

We strongly suggest that due to the time variances of the multiple platforms e.g., Clic / YouTube and Facebook that streams are opened earlier with a countdown or slide indicating the start time rather than trying to hit a specific time e.g., 1900 and any publicity should state "from 1900". A 1900 stream normally goes live anything between 1900:30 and 1901:30 for example, dependent on platform.

### **Overruns**

As the window in Clic and other platform are mostly automated always allow for overruns and an end slide should be made available until the end of the booked time otherwise the viewer may see bars & tone.

### **Contact**

Contact is via the usual number for MCA or in the event of an emergency via the Duty TOM – for large scale events S4C will call production and technical co-ordinating meetings.