

Stuart Burton

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A technical manager and engineer of over 35 years' experience with a broad range of clients, predominantly in outside broadcasting. I am highly respected and have developed long standing relationships with a number of key clients. Awarded an Emmy in 2004 as a key member of the edit maintenance team deploying over 45 edit systems for NBC's coverage of the Athens Olympic Games.

Key Skills

- Analytical and agile thinker
- Often identify novel and innovative solutions to problems
- Able to work under high pressure and to strict deadlines

Key strengths and values: Creative, curiosity and love of learning, perseverance

CAREER SUMMARY

Freelance Broadcast Technical Manager, Broadcast Engineer

October 1992 – present

Technical Manager

- Working closely with the client to understand their requirements for technical facilities and staff.
- Derive a timetable for the use of facilities and a roster for crew.
- Liaise with venue staff to identify equipment and camera locations, perform a site survey if necessary for vehicle locations and cable access.
- Develop and provide technical planning sheets to ensure that facilities and crew are booked and on site and are aware of health and safety practises.
- Ensure that connectivity to transmission is established and that transmission fibre or satellite paths/uplinks work effectively.
- Check in with the client and crew throughout the event to identify potential issues at an early stage and mitigate their impact.
- Communicate with transmission staff before going 'on air' to ensure that signals are received and are of an acceptable technical quality.
- Monitor the programme throughout for any issues between the facility and transmission and coordinate with crew and transmission staff in order to re-establish any loss of signal occurring.

Guarantee Engineer

- Assist the technical manager and client in order to determine the best specification of equipment to achieve their goals.
- Test the supplied equipment is suitable for the job electronically and that all software versions are correct for the client's needs and the required recordings or transmission.
- Work with the client to set up monitoring and workflows of supplied equipment and ensure that the facility infrastructure is built or programmed to allow the required workflow to take place.
- Monitor the facility throughout the event attempting to pre-empt any issues or client needs.
- In the event of failure, to provide a means of continuing by either work around or repair and diagnose equipment faults
- Coordinate with engineers working on the event to establish signal flow between different parts of the facility and interoperability with equipment in other areas.
- Mentor younger and less experienced engineers, for example, to develop trainees to become stand-alone guarantee engineers.

Technical experience

Competent with the operation and setup of the following:

- EVS Disc recorder systems (including XT3, IP director and X-File)
- Non-linear edit systems (Avid, Adobe Premier, Avid Nexis storage)
- Storage and archival systems
- Most routing systems (Harris, EQX Magnum)
- IP based networking
- Ancillary broadcast equipment and signal processing found in the broadcast area

A selection of key clients

- **Tennis Channel** EVS/media engineer Paris French Open (2022)
- **WWE NXTUK** Technical Manager and engineer: Various locations across the UK (2018 - 2022)
- **WWE** VTR/EVS engineer: UK and Saudi Arabia (1997 – Present)
- **NBC Summer Olympics** Edit maintenance engineer: Barcelona (1992); Atlanta (1996); Sydney (2000); Athens (2004 Emmy awarded); Beijing (2008); London 2012
- **NBC Winter Olympics:** Salt Lake City 2002; Torino 2006; Vancouver 2010; Sochi 2014; Pyeongchang 2018
- **NBC Tennis** EVS/VTR and graphics engineer: Wimbledon (1992 – 2009)
- **NBC Golf** EVS/VTR engineer: Various locations (2006 – 2014)
- **Ultimate Fighting Championship** Edit engineer: Various European locations (2008 – 2016)
- **Host Broadcaster Services** Asian Games Venue guarantee engineer: Doha (2006)
- **Channel 5** Edit and truck guarantee engineer, technical manager, domestic cricket coverage Various UK locations (2005 – 2019)
- **Channel 4 Racing** EVS/VTR and edit engineer: Cheltenham Festival and Aintree Grand National (2010 – 2016)
- **Channel 4** EVS/VTR and edit engineer, domestic cricket coverage: Various UK locations (1999 – 2005)
- **Channel 4** Time Team VTR recording engineer: Buckingham Palace (2006)
- **Sunset & Vine** Dubai World Cup EVS/edit engineer: Dubai (1996 – 2014)
- **BT Sport** Technical producer: Edinburgh rugby (2016)
- **ITV Racing** EVS engineer: Cheltenham Festival and Aintree Grand National (2016 – 2018)
- **ITV Rugby World Cup** VTR operations and studio engineering: South Africa (1995)
- **ITV Rugby World Cup** EVS guarantee engineering: France (2007); England (2015)
- **ITV Football World Cup** VTR operations and studio engineering: USA (1994); France (1998)
- **BBC** Bowls EVS guarantee engineer and operator: Llanelli (2007 – 2008)
- **BBC** Glastonbury Festival EVS guarantee engineer (2011)
- **BBC** Snooker EVS guarantee engineer and operator: Various UK locations (2012 – 2016)

EDUCATION AND QUALIFICATIONS

Academic

- BSc (Hons) Natural Sciences (Astronomy and Planetary Science), Open University (2017) including modules in astrophysics and cosmology. Part time study while working
- Member of Institute of Physics (2017)
- Member of SMPTE (2021)
- Higher National Diploma (2 Distinctions) Electrical and Electronic Engineering (1983)
- 3 A-levels (Maths, Physics, General Studies) & 6 O-levels (including English, Maths, Physics)

Professional

- SMPTE Essentials of IP Media Transport for Broadcasters
- SMPTE Understanding SMPTE ST 2110
- EVS IP Director training (2013)
- EVS XT Server training (2009)
- Avid Nexis System Administration
- Transactional Analysis (TA) 101 Certificate

Other

- PADI Rescue Diver
- Full driving licence

HOBBIES AND INTERESTS

I take care of my well-being with daily 5k runs. I read prolifically for professional development, pleasure and learning. On holiday I love to go scuba diving. Technical interests include electronics, computer programming and photography.