DTG UK HD FORUM

The UK position July 2005

European HD Forum

6th July 2005

Significant announcements UK

DIGITAL TV GROUP

- UK looking forward to BSkyB launch of HD service in 2006
- MPEG-4 H264 and DVBS2 for HD
- Same domestic dish, same cabling
- HDMI output with HDCP copy protection & SD O/P
- Supports both 720P/50 and 1080i 50

QuickTime™ and a
TIFF (LZW) decompressor
are needed to see this picture.

BBC

- BBC announce ambition for all production to be in HD by 2010
- Many co productions now made in HD
- One OB truck modified for HD
- Supportive of Sky initiative - no immediate plans to broadcast in HD
- Many shows made in HD
- Live 8 shot and displayed in HD
- UEFA cup final shot in HD supported by Sky and ITV

QuickTime™ and a
TIFF (Uncompressed) decompressor
are needed to see this picture.

ITV

- Film Library restoration project for last 3 years
  > 35 feature films restored to HD
- 20+ made for TV Movies produced in USA
  e.g. **The Rudy Giuliani Story**
- Wildlife co-productions at Granada Bristol
  – E.g. Kilimanjaro, Return of the Cheetahs
- Sporting events coverage will be HD in future
- No immediate plans to broadcast in HD

Facilities Soho London

- The Hospital Group HD Studio in business for HD DVDs and broadcasts
- Covent Garden Opera House planning permanent HD cameras
- Vibrant Facilities market adding HD to long standing Movie commitments
- Some commercials made in HD
- Normal to work from SD-HD-2K-4K un-compressed
- OB Trucks in UK mainly going HD

Cable

- Telewest and Scientific-Atlanta have announced an HD capable PVR for the end of 2005.

Production trends

- Comparisons in cost of production to Super 16 film
- Importance of 1920/1080/25/p
- Launch of HDV camcorders will change the market
- DVD Shoots for artists in HD
- Major concerts in HD often shown in SD

DTG UK HD Forum Work

- Forum established in 2004 from previous Widescreen Forum
- Broad membership:-
  - Prog makers, Manufacturers, Regulators, Broadcasters and post production
- Sub-Groups established
  - Production Systems Group
  - Displays Sub-Group
  - Spectrum Working Group

Production Systems Sub-Group

- Early published work on compression concatenation in SD
- Up-conversion trials of SD-HD
- Written ‘Essential Guide to HD TV for TV Professionals’ book
  - Sold approx 3,000 copies
  - Available at www.dtg.org.uk
- Next Steps - End-to-end chain
- Prod-Post-Transmission Monitoring effect on picture quality
- Support for HD creativity.

Displays Sub-Group

- Reviewing specs of LCD and Plasma screens in the market
- Setting up a database on DTG Website inviting manufacturers to list HD Ready displays for consumers to view
- Displays must conform to EICTA Minimum specification for HDTV
- Connectivity and HDMI in detail

Spectrum Working Group

- Initiate debate in Industry and Government on Spectrum requirements in UK for HDTV
- Watching brief on other developments
- Report on trials of compression systems and required bandwidths for a quality HD service
- Identify uses for spectrum for HD broadcasting

DTG UK HD Forum Work

- DTG Demonstrations of DTT transmitted Mux carrying
  - MPEG4 HD channel
  - SD MPEG2 Channel
  - Trickle download of HD programme to PVR.using opportunistic data

  Additional DTG Demonstrations of HD and mobile at RTS Cambridge Convention

  And more…

Roadmap

- Late 2005 - Displays database public
- 2006 - Sky HDTV service launch
- 2006 - World Cup available in HD
- 2006 - RRC-06 on Spectrum
- 2008 - Olympics in China in HD
- 2010 - BBC Production largely HD
- 2007-2013 Spectrum use debate
- 2013 - Switchover UK all Digital Broadcasts

UK HD Forum - General

- Identify work streams
- Liaise with other bodies Industry & Europe
- Establish sub-groups and review reports
- Information Exchange
- Presentations to Government and Industry
- Identify major issues
- Inter-operability in the chain
- Co-ordination of all HD activity in UK

DTG UK HD Forum

Chairman -Simon Fell

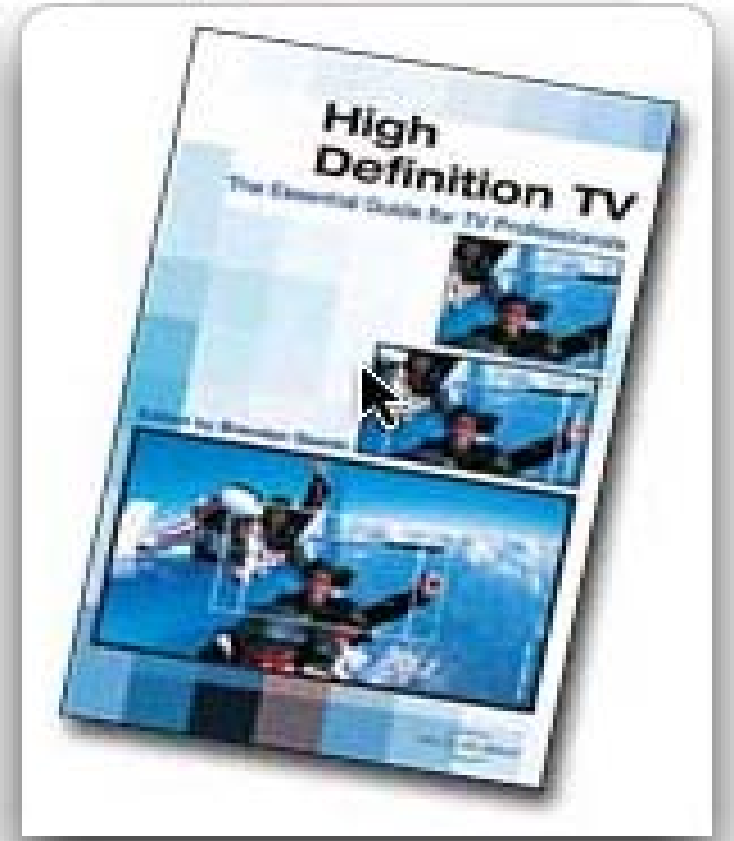
simon.fell@itv.com

Facilitator - Brendan Slamin

bslamin@dtg.org.uk

HDTV Book

- *ISBN 0-9547648-0-3 Hardback 96 pages 24 cm x 16 cm*
- **Europe** - £25 + £3.50 P&P
- Available from:-



http://www.dtg.org.uk/publications/hd_book.html