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DVB STEERING BOARD APPROVES NEXT GENERATION HANDHELD SPECIFICATION

**New Specification Harnesses the Power of MIMO to Improve the
Efficiency & Flexibility-of-Use of Broadcast Spectrum.**

Geneva – 31 October 2012–DVB is pleased to announce that at the 72nd Meeting of its Steering Board, approval was given to a new specification – DVB-NGH (Next Generation Handheld). Based on DVB-T2, there are many improvements and extensions in NGH to aid mobile and portable reception. These additional techniques include MIMO (Multiple-Input and Multiple-Output), Time Frequency Slicing (TFS) with a single tuner, non-uniform constellations, improved and extended LDPC codes for lower code rates, more efficient time interleaving and ultra-robust layer-1 signalling. It also covers a hybrid profile where terrestrial and satellite transmission schemes can be combined.

The specification will be submitted immediately to the European Telecommunications Standards Institute (ETSI) for formal standardisation and an NGH BlueBook is to be published.

Since the introduction of DVB-H, significant changes have taken place in the delivery and consumption of multimedia content. Initially, DVB-H was launched to provide linear broadcast services (e.g., TV and radio) for handheld devices. However, the multimedia content market is going through a profound change from traditional linear content consumption to a wide range of rich media content consumption. This rich media includes traditional TV (linear), various video and audio content, images and text messages as well as push download to local memory in the receiver. The delivery of the content has to keep pace with the user's demand and user's behaviour. DVB-NGH is designed to be the ideal solution for broadcast content delivery to handheld and mobile devices for the next decade.

"NGH covers the latest modulation as well as coding technologies and can be regarded as the most sophisticated terrestrial broadcast air interface. Furthermore it also offers additional operational flexibility, such as different protection for audio and video streams in one service" commented Peter Siebert, DVB's Executive Director.

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About DVB

Digital Video Broadcasting (DVB) is an industry-led consortium of over 230 broadcasters, manufacturers, network operators, software developers, regulatory bodies and others committed to designing global standards for the delivery of digital television and data services. DVB standards cover all aspects of digital television from transmission through interfacing, conditional access and interactivity for digital video, audio and data. The consortium came together in 1993 to create unity in the move towards global standardization, interoperability and future proofing.

DVB dominates the digital broadcasting environment with thousands of broadcast services around the world using DVB's open standards. There are hundreds of manufacturers offering DVB compliant equipment. To date there are over half a billion DVB receivers shipped worldwide. DVB standards are also widely used for other non-broadcasting applications such as data on the move and high-bandwidth internet over the air. Further information about DVB can be found at: www.dvb.org, www.mhp.org, www.dvbservices.com and www.dvbworld.org.

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