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DVB-C2 MILESTONE AT ANGA CABLE 2011

First Reception of Services on Prototype DVB-C2 Integrated TV Receiver.

Exhibition & Congress, 3 - 5 May 2011, Cologne, Germany, Stand 10.2 / L9

26 April 2011 – Visitors to this year's ANGA Cable will be able to see a DVB-C2 service received on the world's first-ever DVB-C2 prototype, IDTV TV with DVB-C2 tuner, from a leading brand CE manufacturer.

The demo will take place on a joint DVB/ANGA stand (10.2 / L9) and will consist of a DVB-C2 modulator generating a DVB-C2 compliant signal transmitting 4 HD channels using 4096 QAM over a 8 MHz channel providing an overall data rate of 80 Mbps.

DVB-C2 employs the latest modulation and coding techniques to enable the highly efficient use of cable networks. It offers a range of modes and options that can be optimised for the different network characteristics and requirements of the different services planned for delivery to cable customers. The second generation technology delivers more than 30% higher spectrum efficiency under the same conditions as today's DVB-C deployments. After analogue switch-off the cable networks can be optimised for digital transmission. This will result in a capacity increase of about 60% for DVB-C2 as compared to DVB-C.

On Monday, 2nd May, DVB will also take part in the ANGA Operators' Forum, 'More Bandwidth - More Services - More Power'. DVB-C2 will feature prominently in the Forum with contributions from Peter Siebert, DVB's Executive Director, Christoph Schaaf from Kabel Deutschland, Manfred Geilert of Blankom Digital and Lothar Stadelmeier of Sony Semiconductor & Electronic Solutions.

Peter Siebert, Executive Director, DVB, commented, "This is a major step forward for the mainstream introduction of DVB-C2 services. Today we see the first-ever prototype of a DVB-C2 consumer receiver from a major manufacturer, which will be in stores in time for the deployment of DVB-C2 services by European MSOs".

The DVB-C2 standard is published by ETSI (European Telecommunications Standards Institute) as EN 302 769 "Frame structure, channel coding and modulation for a second generation digital transmission system for cable systems".

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Further information on DVB-C2 can be found on the DVB website along with the Implementation Guidelines (<http://www.dvb.org/technology/standards/index.xml>).

About DVB

Digital Video Broadcasting (DVB) is an industry-led consortium of over 250 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 standardisation, 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.dvb-h.org, www.mhp.org, www.dvbservices.com and www.dvbworld.org.

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