



WorldDMB launches ETI Library for receiver verification

Library database of transmission simulation data will aid testing DAB, DAB+, DMB digital radio and mobile TV receivers for the first time.

ETI files provide a “one-stop” simulation of the wide variety of different digital broadcasting configurations on-air in many countries, enabling efficient testing and validation of consumer receivers, reducing time to market and promoting global interoperability of receivers.

London and Amsterdam, 12 September 2009

WorldDMB today launched the first ETI Library (“Ensemble Transport Interface”) for use by the digital radio and mobile TV industry. The ‘WorldDMB ETI Library’ will provide manufacturers with a useful tool to help ensure their digital receiver products correctly handle all types of DAB, DAB+ and DMB services and applications transmitted in any combination and in any territory. Broadcasters can use the WorldDMB ETI files to check their own transmissions for conformity, further reducing the risk of inconsistent reception that could arise from complex configuration of the digital broadcasting systems.

The ETI Library is a series of special data files available for download exclusively to WorldDMB members which reproduce a variety of digital DAB, DAB+ and DMB transmissions, assembled from all over the world and also specially created in the laboratory. A centralised database is especially important to those manufacturers producing receivers destined for multiple markets specifically the car industry where receivers must be harmonised for cross-border use.

Mr Quentin Howard, President of WorldDMB said, “Manufacturers need to be sure their products will work in all markets but it is impractical to undertake field trials in each country. The WorldDMB ETI Files provide the perfect solution by enabling manufacturers to test their receivers in the lab against a variety of real and simulated digital broadcasting services and content configurations. This greatly assists the goal towards fully harmonised worldwide receivers, and follows the highly successful Digital Radio Receiver Profiles launched by WorldDMB at IBC 2008. As broadcasters create ever more complex digital radio services, the ETI Library will reflect these and maintain a single point of reference for manufacturers and broadcasters worldwide.”

The WorldDMB ETI Library, the first of its kind, will also be used as a reference for trials and demonstrations and will provide an exchange of best practices between broadcasters worldwide. The ETI files contain country snapshots of DAB, DAB+ and DMB content from different markets and data streams configured with multiplexing equipment from specific manufacturers.

This is another important step towards the take of digital radio and mobile TV on the Eureka 147 platform worldwide and has already been welcomed by the industry.

ENDS

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Notes to Editors: The foundation standard DAB and related standards such as DAB+/DMB can be seen and heard in nearly 40 countries from Canada to Australia, across Europe and the Far East. Countries including India and South Africa are testing DAB and developing consumer trials. More than 500 million people worldwide are within range of a DAB/DMB transmitter, and there are over 1000 services on air. Created from the onset to enable mobile reception with audio, video and multimedia capabilities, the DAB standard has recently extended its lead into the world of mobile multimedia delivery through its compatible DMB application. DMB is DAB's Mobile TV solution and shares the same core standard, infrastructure and receiver technology. The launch of the world's first Mobile TV services took place in Korea in December 2005 using DMB technology. DMB is on-air in China in five major cities including Beijing, and more DAB, DAB+, and DMB services are expected to launch in Europe during the next year. The addition of DAB+ as a highly efficient audio coding has been ETSI standardized and many countries throughout Europe and in the Asia Pacific are planning commercial launches of DAB+ digital radio services in 2009.

About WorldDMB

WorldDMB is an international, non-governmental organisation with a mandate to promote the awareness, adoption and implementation of Eureka 147 based technologies worldwide. The organisation's name refers to 'digital multimedia broadcasting' including radio, mobile TV and broadcast new media services. Its members include public and commercial broadcasters, receiver manufacturers and other companies and bodies committed to the promotion of services and equipment based on the Eureka 147 family of standards.