ABU DBS DAB+ Workshop
Technical updates

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Technical Committee

• In the last year, the WorldDAB TC has discussed
  – Cleaning up the DAB standards
  – Developing the ETI library
  – OMRI
  – Automotive applications
  – TPEG transport
  – Non-Latin text
  – ... and more!
Cleaning up the standards

- The work is complete
- Builds on EN 300 401v2.1.1
  - Supporting specifications all aligned
  - Transition arrangements agreed
  - ETSI TR 101 495v2.1.1 is a good place to start
ETI Library

• World DAB has offered an ETI Library to its members for several years

• Upgrading this facility is underway
  – Making it easier and quicker to upload files
  – Providing standard analysis to generate more metadata

• Helps manufacturers try out new products and services without having to travel the globe
OMRI

• The TC has approved the standardised API for mobile devices to access broadcast and hybrid radio
• Editorial completion is now needed
• Expected to be published by ETSI next quarter
Automotive applications

• The Carison Task Force has developed the framework for a car-maker communication application
• Allows manufacturers to send important information to their cars via DAB, thus reaching harder-to-find customers
• Standardisation will follow this year
TPEG transport

• A new transport specification was developed and published
  – ETSI TS 103 551
• Provides a standard way for TPEG streams to be carried in DAB
• Formalises existing best practice
Non-Latin text

• DAB is able to carry non-Latin text for service names and dynamic labels
  – But the sheer vastness of scripts and characters makes it hard for broadcasters and manufacturers to synchronise
• The TC has begun a full review of current and future needs to build a future-proof framework
  – Regionally defined profiles will form part of the solution
EBU R 138

• The EBU (European Broadcasting Union) develops recommendations for its members on many topics
  – These recommendations are also used by others
Key recommendations are:

“Digital radio broadcasting in VHF Band III, where it is available, be established and DAB+ (ETSI TS 102 563) audio services be used for new services.”

“Additional hybrid services be deployed alongside linear radio services to enable a seamless user experience, using RadioDNS (ETSI TS 103 270), the open solution for Hybrid Radio.”
Thank you!

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