



Joint WorldDAB and ABU webinar draft programme

20, 21 and 22 October 2020, 11:00 - 12:30 Kuala Lumpur time (03:00 – 04:30 UTC)

Day 1 – 20 October

Webinar 1a – DAB+ overview

11:00 – 11:05 Opening remarks

Speaker: Ahmed Nadeem (Asia-Pacific Broadcasting Union) and Joan Warner (Vice-President, WorldDAB)

11:05 – 11:15 DAB global status and APAC status

Speaker: Joan Warner (Chair, Asia-Pacific Committee, WorldDAB)

11:15 – 11:30 DAB system features

- Basic and advanced features
- Receivers overview
- Hybrid radio

Speaker: Dr Les Sabel (S-Comm Technologies / WorldDAB)

Day 1 – 20 October

Webinar 1b – Business case

11:30 – 11:50 Commercial business case

- Multi-platform world
- Remaining competitive
- Incumbents are winners
- Why radio is essential during emergencies

Speaker: Joan Warner (CEO, Commercial Radio Australia / WorldDAB)

11:50 – 12:00 Brand extension strategy case study

- How brand extension can increase revenue

Speaker: Adam Williscroft (Southern Cross Austereo)

12:00 – 12:10 Using DAB+ to provide multi-language programs

- How DAB+ offers opportunities for new language content

Speaker: Mark Cummins (Special Broadcasting Service)

12:10 – 12:20 Technical business case

- Operational cost efficiency
- Impact and use of 5G

Speaker: Dr Les Sabel (S-Comm Technologies / WorldDAB)

12:20 – 12:30 Q&A

Day 2 – 21 October

Webinar 2a – DAB Receivers

11:00 – 11:10 Establishing the DAB market

- Stakeholders
- Key messaging
- Opportunities and challenges in APAC

Speaker: Kathryn Sabel Brown (S-Comm Technologies)

11:10 – 11:25 Receiver examples – Home

- Receiver types (kitchen, living, clock radios)
- Receiver capabilities (basic, visual, hybrid)
- Example products and pricing
- Support for local characters, e.g. Thai

Speaker: Albert Tseng (Keystone Semiconductors)

11:25 – 11:40 Receiver examples – Automotive

- Radio in the dashboard
- UI and UX examples
- Advanced features such as voice control and Hybrid radio

Speaker: TBD

11:40 – 11:45 Q&A

Day 2 – 21 October

Webinar 2b – Headend systems

11:00 – 11:25 Encoding and multiplexing systems

- Overall signal flow, components and control
- Implementation options and virtualisation
- Emergency/air quality alert systems
- Example implementations

Speaker: Lars Peder Lundgren (Paneda)

11:25 – 11:40 Thailand Bangkok DAB+ trial implementation

- System overview
- Coverage and field testing
- Feature testing
- Lessons learned

Speaker: Orasri Srirasa (National Broadcast and Telecommunications Commission, Thailand)

11:40 – 11:45 Q&A

Day 3 – 22 October

Webinar 3a – Transmission systems

11:00 – 11:15 Transmission system overview

- Transmitter input to antenna output
- Monitoring

Speaker: Dr. Les Sabel (S-Comm Technologies / WorldDAB)

11:15 – 11:40 Modern transmitters

- Transmitter types and uses

- Latest technologies and efficiency
- Redundancy options
- Efficiency

Speaker: Rich Redmond (Gates Air)

11:40 – 11:45 Q&A

Day 3 – 22 October

Webinar 3b – RF Network design and modelling

11:45 – 12:10 Coverage and interference planning

- Coverage requirements and field strength reference levels
- When to use MFN vs SFN
- High power vs low tower implementations
- SFN design and performance

Speaker: Dr. Les Sabel (S-Comm Technologies / WorldDAB)

12:10 – 12:15 APAC Technical Group

- WorldDAB support for APAC
- TG activities overview

Speaker: Dr. Les Sabel (S-Comm Technologies / WorldDAB)

12:15 – 12:30 Closing remarks and series Q&A

Closing remarks – Ahmed Nadeen (ABU) and Dr. Les Sabel (WorldDAB)