

Joint WorldDAB and ASBU DAB+ technical webinar series

15, 16 and 17 September 2020, 08:00 - 09:30 UTC (GMT)

WorldDAB and ASBU jointly present this webinar series aimed at broadcasters and technical experts working in the radio industry that are implementing or planning the rollout of DAB+ digital radio. Taking place every morning from 08:00 – 09:30 UTC (GMT) on 15, 16 and 17 September 2020, the webinars will be delivered live by DAB+ experts from around the globe. Participant questions are invited throughout each session and there will be a Q&A session at the end of each webinar.

Participation is free, however pre-registration is required.

Day 1 - 15 September	Webinar 1a – DAB+ overview
08:00 – 08:05	Opening remarks ASBU and WorldDAB
08:05 – 08:15	DAB global status Speaker: Bernie O'Neill, Project Director, WorldDAB
08:15 – 08:30	DAB system features • Basic and advanced features • Receivers overview • Hybrid radio Dr. Les Sabel, S-Comm Technologies, and WorldDAB Technical Committee
08:30 – 08:40	WorldDAB, Technical Committee and standards • Arab fonts • Receiver performance - minimum requirements • ECCC directive for auto and receivers Speaker: Lindsay Cornell, Principal Systems Architect, BBC and Chairman, WorldDAB Technical Committee
08:40 – 08:45	Q&A

Day 1 - 15 September Webinar 1b – DAB+ receivers

08:45 – 09:00 Receivers - home

- Receiver categories
- Receiver capabilities (basic, visual, hybrid)
- Products and pricing

Speaker: Prem Rajalingham, Managing Director, Frontier Smart Technologies

09:00 – 09:15 Receivers – automotive

- Antenna products and performance
- Impact on reference vehicle field strength requirements

Honey Habibollahzadeh, Account Manager MENA, Antennentechnik Bad Blankenburg (ATBB)

09:15 – 09:25 Getting receivers into the market

Kathryn Sabel Brown, S-Comm Technologies

09:25 – 09:30 Q&A

Day 2 –16 September Webinar 2a – DAB+ headend systems

08:00 – 08:20 Encoding and multiplexing systems

- Signal flow, components and control
- Implementation options and virtualisation

Speaker: Arne Borsum, Product Manager, IZT

08:20 – 08:40 Real world implementations

- Example network implementations
- Challenging situations

Hermann Zensen, Sales Manager, Digidia

08:40 – 08:45 Q&A

Day 2 - 16 September Webinar 2b – DAB+ transmission systems

08:45 – 09:00 Overview of transmission systems

- Transmitter input to antenna output
- Monitoring

Speaker: Dr. Les Sabel, S-Comm Technologies, and WorldDAB Technical Committee

09:00 – 09:25 Modern transmitters

- Transmitter types and uses
- Latest technologies and efficiency
- Redundancy options

Speaker: Rich Redmond, President, GatesAir International

09:25 – 09:30 Q&A

Day 3 – 17 September Webinar 3a – DAB+ network design, operation and SFN

08:00 – 08:25 DAB network design

- Coverage requirements and field strength reference levels
- When to use MFN vs. SFN
- High power vs. low tower implementations
- Network quality and control

Speaker: Jerome Hirigoyen, Head of Business Development and International Broadcasting, TDF

08:25 – 08:40 SFN design and examples

- SFN performance
- Implementation choices
- Examples

Speaker: Dr. Les Sabel, S-Comm Technologies, and WorldDAB Technical Committee

08:40 – 08:45 Q&A

Day 3 – 17 September Webinar 3b – The business case for DAB+

08:45 – 09:05 Commercial business case for DAB+

- Benefits for the listener
- Benefits for broadcasters
- Why incumbent broadcasters are the winners
- User experience and hybrid radio

Speaker: WorldDAB

09:05 – 09:15 Technical business case for DAB+

- Operational cost efficiency
- Impact and use of 5G

Dr. Les Sabel, S-Comm Technologies, and WorldDAB Technical Committee

09:15 – 09:30 Q&A

Closing remarks - ASBU and WorldDAB