

# Radio Spectrum Management - what's trending in 2023?

Speakers:

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Speakers' notes and useful links at: [www.spectrumeng.com.au](http://www.spectrumeng.com.au)

# Today's Topics

1. The Regulatory Regime
2. Fixed Links and Land Mobile
3. Satellite and Earth Stations
4. Area Wide Licences (AWLs)
5. Wireless Broadband Services
6. The WA Mid-West Radio Quite Zone
7. Licence Management

# The Regulatory Regime

- The participants
- The regulatory process
- Licensing

# Fixed Links and Land Mobile

- Microwave Bands – [RALI FX3](#)
  - 1.5 to 5 GHz – effectively repurposed for other uses
  - 6 to 50 GHz – the upper bands are still generally available
  - ACMA Pricing

# Fixed Links and Land Mobile (cont.)

- 800 MHz – Point to Point, Point to Multipoint, Land Mobile
  - Lots of replanning
  - Lots of reallocation of services within the band

# Fixed Links and Land Mobile (cont.)

- Land Mobile
  - Not a lot of change in recent times.
  - What has changed – new “micro power” model in 400 MHz band (RALI LM8)

# Satellites and Earth Stations

- The Managers
- Licence Types
- Licensing Process
- Earth Station Siting
- Recent 28 GHz changes
- Recent Changes to Taxes
- General Tips

# Area Wide Licences (AWLs)

- An Overview
- The AWL Concept
- The Licensing Process
- The Device Registration Process
- The Rules



# Wireless Broadband Services

- Private LTE under Apparatus Licensing
- Licence types
- Existing bands
- 3 GHz – the old
- 3 GHz – the new (AWL)
- Upcoming opportunities

# The WA Mid-West Radio Quiet Zone

- The radio astronomy site, the telescopes, and the management
- The Australian Radio Quiet Zone WA
- RALI MS 32

# Managing Your Licences

- Problems and Solutions
- Managing your licences
- Lost Licences
- Fixing things

# The End!

Time for any more questions?