

Brendon Agpasa
3 Westham Way
Wollert VIC 3750
26 September 2025

The Manager, Broadcasting Carriage Policy Section
Australian Communications and Media Authority

via on-line submission at: <https://www.acma.gov.au/consultations/2025-08/proposal-vary-perth-and-remote-western-australia-radio-licence-area-plans>

Dear Madam/Sir,

Proposal to vary the Perth and Remote Western Australia radio licence area plans

Brendon Agpasa welcomes the opportunity to provide a response to the Proposal to vary the Perth and Remote Western Australia radio licence area plans.

We propose to vary the Perth and Remote Western Australia radio licence area plans to have technical specifications for radio services in the Perth and Remote WA areas.

We are proposing to vary the Perth and Remote Western Australia radio LAPs to expand their radio services, in summary:

- We make FM spectrum to enable the ABC national radio broadcasting service 6WF in Perth to convert transmission from AM frequency 720 kHz to new FM frequency 102.5 MHz, it was suitable for a high powered/wide-coverage service for analog radio.
- The Kalamunda 6KCR community radio broadcasting service, which broadcasts on 102.5 MHz, will need to vacate that frequency and change from its current frequency 102.5 MHz to broadcast on frequency 88.9 MHz.
- The Perth 6SEN community radio broadcasting service, which is planned to broadcast on 101.7 MHz, will need to relocate from its current transmitter site, increase its ERP and change from an OD to DA radiation pattern.
- The Lancelin transmitter for the 6FMS commercial radio broadcasting service, which transmits on 102.3 MHz, will need to vacate that frequency and change to transmit on frequency 102.9 MHz.
- The Leeman transmitter for the 6FMS commercial radio broadcasting service, which transmits on 102.5 MHz, will need to increase its ERP from 15 W to 100 W.
- Alternative ABC services in these country areas are extending its reach of improved coverage into the Perth metropolitan area, including 6ABCFM (ABC Classic FM) and 6JJJ (Triple J) Bunbury and 6PB (ABC NewsRadio), 6BS (ABC South West WA) and 6RN (Radio National) Busselton.
- We make FM spectrum to enable the ABC national radio broadcasting service 6RN in Perth to convert transmission from AM frequency 810 kHz to new FM frequency 103.3 MHz, it was suitable for a high powered/wide-coverage service for analog radio.
- We need to add a new technical specification for the existing Perth City HPON service planned in the Perth RA1 licence area to transmit on 103.3 MHz, to transmit on 106.5 MHz from site Adj Reservoir McDonald St JOONDANA with an OD radiation pattern, a maximum ERP of 50 W and a maximum antenna height of 20 m.
- Vary the technical specifications of the existing Perth City HPON service planned to transmit on 103.3 MHz, so that the specification ceases to have effect 8 weeks after the new Perth City HPON technical specifications commence. When the new Perth City HPON transmitter becomes operational the current Perth City HPON technical specifications will become redundant.
- We make FM spectrum to allow the ABC national radio broadcasting service 6PB in Perth to transmit on new FM frequency 104.1 MHz, it was suitable for an additional high powered/wide-coverage service for analog radio.
- We add a new technical specification for 6SAT at Lancelin, to transmit on 104.5 MHz from the Council Site Nilgen Rd, NILGEN with a with a maximum ERP of 150 W and a maximum antenna height of 40 m.
- Vary the technical specification for the existing 6SAT transmitter at Lancelin so that the specification ceases to have effect 8 weeks after the new 6SAT Lancelin technical specifications commence. When the new 6SAT Lancelin transmitter becomes operational the current 6SAT Lancelin specifications will become redundant.
- Vary the technical specifications for the existing 6SAT transmitter at Leeman to transmit on 104.1 MHz from the Broadcast Site, Indian Ocean Drive, LEEMAN with a maximum ERP of 100 W and a maximum antenna height of 15m.
- The Lancelin transmitter for the 6SAT commercial radio broadcasting service, which transmits on 103.9 MHz, will need to vacate that frequency and change to broadcast on frequency 104.5 MHz.
- The Leeman transmitter for the 6SAT commercial radio broadcasting service, which transmits on 104.1 MHz, will need to increase its ERP from 15 W to 100 W.
- Potential interference with the Spice FM HPON service with a co-frequency interference between the new ABC national radio broadcasting service 6PB on 104.1 MHz and an HPON service on 104.9 MHz.

- We're making spectrum available for a new community radio broadcasting service to serve the Swan area in Perth to operate on 88.5 MHz, which is expanding its radio station as Ellenbrook Community Radio Inc (ECR) went allocated from a temporary community radio broadcasting service to a new long-term community radio broadcasting service.
- The service was a now-defunct community radio broadcasting service 6EBA is planned to operate from the ABW2 Mast Television Rd, Bickley on 95.3 MHz with a maximum antenna height of 30 m using a DA radiation pattern with a maximum ERP of 16 kW.
- The 6SON, 6NME and 6RTR community radio broadcasting services is planned to operate on various FM frequencies 98.5 MHz, 100.9 MHz and 92.1 MHz, all three services broadcast from the TXA Bickley Site, Television Rd using a maximum antenna height of 116 m, mixed polarisation and DA radiation pattern with a maximum ERP of 16 kW.
- 6NR is planned to operate from STW9 Mast Lawnbrook Rd Walliston on 100.1 MHz using a maximum antenna height of 90 m with a DA radiation pattern and a maximum ERP of 6.5 kW. They proposed sharing the antenna array with 6SON and 6NME at TXA Bickley Site at Television Rd Bickley using the same technical specifications as the transmitters for these 2 services.
- Vary the technical specifications of 6ABCFM, 6JJJ and 6SBSFM existing FM national services to enable them to use the same antenna as the current 6WF, 6RN and 6PB ABC AM services and the proposed 6WF, 6RN and 6PB ABC FM services, and to reflect operating conditions. This involves a change to the antenna height from 97 m to 105 m.
- Vary the technical specifications of the Wanneroo transmitter for the 6iX commercial radio broadcasting service that is planned in the Perth LAP to service in the Perth RA1 licence area to change the nominal transmitter location, radiation pattern and change the antenna polarisation from horizontal to mixed.
- The ABC's new 6PB service would commence transmission on 104.1 MHz at the same time as the AM commercial radio service 6iX would convert to FM (making 2 FM repeaters in Wanneroo and Rockingham redundant and freeing up 105.7 MHz frequency to be used by Spice FM).

The ACMA is requesting a broadcasting licences for the radio broadcasting services in the Perth and Remote WA areas to enable the ABC national services 6WF, 6RN and 6PB to expand as convert from AM to FM, make technical changes to the community broadcasting service 6SEN in Perth, the community broadcasting service 6KCR in Kalamunda, and the commercial broadcasting service 6FMS in Lancelin and Leeman to facilitate the conversion of the 6WF service to FM, make technical changes to the high-powered open narrowcasting service broadcasting on 103.3 MHz in Perth to facilitate the conversions of 6RN to FM, make technical changes to the commercial broadcasting service 6SAT in Lancelin and Leeman to facilitate 6PB to broadcast in FM, make spectrum available for a new community radio broadcasting service to serve the Swan area in Perth and other technical changes and minor amendments to reflect the operating conditions of services planned in the Perth licence area plan.

We need to accommodate the ABC's new proposed national FM radio services in the Perth licence area plan, such as 6WF 102.5 MHz, 6RN 103.3 MHz and 6PB 104.1 MHz, as well as other proposed radio services such as Kalamunda 6KCR community transmitter 88.9 MHz, revised Perth 6SEN community transmitter 101.7 MHz, new Perth city HPON transmitter 106.5 MHz, proposed Swan community transmitter 88.5 MHz, Proposed licence area definition Swan RA1 community radio, Proposed revised specifications Perth SL185 community Service, Proposed revised technical specifications Perth 6SON, 6NME, 6RTR and 6NR community services, Proposed revised technical specifications 6SBS FM, 6ABCFM and 6JJJ national services, Proposed revised technical specifications Wanneroo 6iX commercial service, Proposed new technical specifications Lancelin 6FMS, Proposed revised technical specifications Leeman 6FMS, Proposed new technical specifications Lancelin 6SAT, Proposed revised technical specifications Leeman 6SAT, and Proposed Swan RA1 community radio broadcasting service licence area.

On successful completion of the Perth and Remote Western Australia radio licence area plans, the ABC is expanding its 3 national radio broadcasting services as convert transmission from AM to FM, as well as other radio broadcasting services such as Kalamunda 6KCR community station plans to transmit on 88.9 MHz, new Perth city HPON service to transmit on 106.5 MHz, an revised Perth 6SEN community transmitter 101.7 MHz, proposed Swan community service converts to full-time transmission on 88.5 MHz, the 6SON, 6NME, 6RTR and 6NR community services transmits in Perth on various FM frequencies, the commercial broadcasting service 6FMS in Lancelin and Leeman, the commercial broadcasting service 6SAT in Lancelin and Leeman, ABC national radio broadcasting service 6PB to broadcast as simulcast in AM on 585 kHz and in FM on 104.1 MHz in order for the ABC to comply with PPBA, and the AM/FM coverage comparison between the current ABC AM services (6WF, 6RN, 6PB) in Perth converted to FM transmission and the ABC AM and FM services (6RN, 6BS, 6PB, 6ABCFM, 6JJJ) in South-West WA for an predicted improved coverage of AM/FM services as well.

Yours Sincerely,

Brendon Agpasa