

Australian governments would require to expand its digital radio services in Australia, following the launch of two commercial stations in Mandurah on a new multiplex 8C (199.360 MHz) from 23 December 2019, becoming the first market in regional Australia to have DAB+ services. We uses the DAB+ standard and is available in Sydney, Melbourne, Brisbane, Perth, Adelaide, Canberra, Darwin and Hobart.

The Prime Minister seeks to amendment should expand more digital radio services to regional Australia and surrounding regions.

In recent years, the future delivery of radio services is preparing for next few stages of new digital radio rollout to provide digital spectrum, the platforms for audio content, live streams, radio listening to domestic audiences, ecosystem of free-to-air terrestrial and satellite radio networks, new models, no analogue switch-off and increased it's improved coverage of your local areas.

To supporting trials of new broadcasting technology, converting radio services from AM to FM in areas. improving coverage of digital radio services, and making digital radio channel plans for DAB+ and DRM has committed to a rollout.

We are latest developments that include few stations of AM/FM frequencies expands to digital radio, FM spectrum supply, Digital Radio Mondiale (DRM) technology, new models of digital radio receiver, in-car radio, satellite broadcasting and broadcast radio IP streaming.

Who has worked with ACMA's Future Delivery of radio services, the submissions and report was received, to make licensed and digital radio rollout in near future.

A snapshot of BSB terrestrial analog radio services offers 715 national transmitter licences, 261 content licences of 600 commercial transmitter licences, 458 content licences of 549 community transmitter licences, class licence content licences of 2610 narrowcasting transmitter licences and exempt content licences of 830 retransmission transmitter licences, as well as DAB+ services in each state capital.

Satellite uses direct to home (DTH) delivery of radio through the VAST (Viewer Access Satellite Television), Foxtel and new DAB+ platforms was extending coverage footprint is limited to the new satellite radio footprint, we use the DTH satellite reception equipment in remote communities. A few radio stations via satellite that includes SBS Radio 1, SBS Radio 2, SBS National Radio Network, SBS Radio 3, SBS Arabic24, SBS Chill, SBS PopAsia, SBS PopDesi, Radio National, ABC Classic, ABC NEWS on Radio, ABC Jazz, ABC Country, ABC KIDS Listen, ABC Radio Sydney, ABC Western Plains (Dubbo), ABC Radio Canberra, ABC Radio Melbourne, ABC Goulburn Murray (Wodonga), ABC Radio Brisbane, ABC Far North (Cairns), ABC Western QLD (Longreach), ABC Southern QLD (Toowoomba), ABC North West QLD (Mt Isa), ABC Radio Adelaide, ABC North and West SA (Port Pirie), ABC Pilbara (Karratha), ABC Kimberley (Broome), ABC Goldfields (Kalgoorlie), ABC South West WA (Bunbury), ABC Mid West & Wheatbelt (Geraldton), ABC Radio Hobart, ABC Northern TAS (Launceston), ABC Radio Darwin, ABC Alice Springs, ABC Grandstand, ABC Emergency Broadcasting services, ABC Classic 2, triple j, Double J, triple j Unearthed, NIRS News, NIRS Language, NIRS Music, NIRS Community, Vision Radio AM, Vision Christian Radio, RadioTAB, RED FM WA (now Hit FM WA), Spirit Radio WA (now Triple M WA), BBC World Service, CRN 1, CRN 2, RPH Australia, Sydney's Hope 103.2, Vintage FM, Faith FM, Yolngu Radio, CAAMA Radio, Gumala Radio, Radio Larrakia, 2CUZ FM, CAAMA 2, RadioNGM, PAKAM Radio, PAW Radio, 5NPY Radio, Black Star Radio, TEAABA Radio, 4MW Radio, 6WR Waringarri Radio, SCA Radio 1 (Hit Network), SCA Radio 2 (Triple M LocalWorks), Sky Sports Radio, WA TAB Radio, QLD TAB Radio, SA TAB Radio, ABC Radio Australia English and ABC Radio Australia Multi-language are also expands to DAB+ satellite platforms.

For any households, a digital TV receiver has in-home access to few audio streams of radio channels such as ABC Local Radio (8 capital cities), RN, ABC Classic, ABC NEWS on Radio, ABC Jazz, ABC Country, ABC Kids Listen, triple j, Double J, triple j Unearthed, SBS Radio 1, SBS Radio 2, SBS Radio 3, SBS Arabic24, SBS Chill, SBS PopAsia, SBS PopDesi, and some local stations in Darwin NT and Broome WA (Radio Larrakia, Darwin FM, Aboriginal Radio, Palmerston FM88, Radio Goolari, PAKAM Radio). The coverage footprint is also limited to the terrestrial TV footprint.

Open narrowcasters and sub-metropolitan community radio broadcasters is looking for access to digital delivery platform, you given that expands to DAB+ and DRM in near future.

The AM to FM conversions of radio stations in solo markets was pending to expanded digital radio rollout, were suggested to future of digital radio services.

The crystal clear reception gives an improved coverage of digital radio services that extends into all of regional areas and surrounding regions over the four year period.

Over 275 new transmitter licences of unused FM frequencies across 15 locations that have been planned in a LAP, in order to accommodate digital radio rollout, new FM repeaters, extending the FM band, replanning the FM spectrum and digital platform access for sub-metropolitan FM community services and narrowcasters through DAB+ and DRM for FM.

DRM for AM receives a high power of AM radio services expands into digital formats, converted from old analogue signals, DAB+ receives over 18 FM quality services on a transmitter.

For example, the new radio stations for transmitter licences to provide high-power open (HPON) narrowcasting services in Gosford, New South Wales (747 kHz) and Hobart, Tasmania (104.3 MHz) in time for expansion of digital radio rollout in regional areas.

The ABC, SBS, Federal government, National Indigenous Radio Service, Imparja Television, Vision Christian Media, CBAA, BBC Studios, Vintage FM, Faith FM, Tabcorp, TAB WA, Southern Cross Austereo, Optus and other radio stations invested \$2 billion in development of Direct-to-home satellite delivery, digital radio transmission equipment, and audio streams of radio channels in expanded digital radio satellite services.

We have radio blackspots programs, ABC's parliamentary and news network (PNN) expansion, ABC local radio expansion, metropolitan DAB+ digital radio channel plans, development of regional DAB+ digital radio channel plans and Digital Radio Mondiale was exported to Australia, that provides a lot of radio stations across the networks on analogue radio (AM/FM) changes quality from old analogue signals to new digital formats, as well as digital radio (DAB+, DRM).

ABC and SBS delivers most of its regional services via retransmission by third parties. Additionally, new digital radio multiplex retransmission services for your local community and visitors to enjoy. Crocmedia's SEN on digital radio is going national that receives a simulcasts of 24 radio licences, Southern Cross Austereo's new digital radio simulcast formats of regional stations from Hit Network and Triple M in NSW, VIC, QLD, SA and WA, rebrand of Red FM and Spirit Radio stations and acquisition of two Carnarvon stations (Classic Hits 666, Hot Hits 99.7), with Bunbury's radio licence 621 AM adds SEN WA was expanded to digital radio in future.

Digital radio receivers will also it's upgraded to new radios that includes AM, FM, DAB+, DRM for AM (DRM30), DRM for FM (DRM+), HF DRM, shortwave, satellite and MF DRM was expanded to adopt digital formats on your radio and in-car coverage in the near future.

Additional Digital Radio repeaters in surrounding regions, it will be required on new DAB+ repeaters, existing Digital Radio on-channel repeaters, and TV translator sites, that covers extending DAB+ digital radio coverage from Rosebud in VIC to Sydney's Northern Beaches in NSW, the funding was over \$8 million dollars.

For disabilities, RPH Australia is planning to expand more digital radio services for plans in the future, relay of Melbourne's 3RPH 1179 is coming to Darwin, with RPH stations in Canberra, Wagga Wagga, Newcastle, Mildura, Albury-Wodonga, Shepparton, Geelong, Bendigo, Warragul, Warrnambool, Launceston and Devonport is expands to digital radio, alongside a RPH Australia satellite service in remote areas will take a range of RPH programs for disabilities, as well as relay of the BBC World Service overnight and IRIS provides a mix of information and entertainment, blending lifestyle programs, features, magazine and music programs, with a more youthful focus on the same stations.

AM Signalling System (AMSS) and Radio Data System (RDS) is planning to use a new digital formats of old analogue signals, DRM+ can use the frequencies vacated by analog TV's channels 0 - 2 creating 168 DRM+ channels and new re-broadcasting antennas of emergency broadcasters and information radio, including essential emergency information during a bushfire or storm as well as visitor information centres.

The Minister said Federal government announces an expansion of digital radio rollout, that extends into sub-metropolitan areas, regional Australia and surrounding regions for \$10 million dollars, that was a lot of money were reinvested.

The Committee invites you to expansion of digital radio rollout in sub-metropolitan licences of capital cities, regional areas and remote areas, in relation to the Broadcasting Legislation Amendment (Digital Radio) Act 2007.

Digital Radio in Australia is hoping to extend its broadcasting reach to new and emerging communities, and wants to future of extending digital radio rollout into regional Australia from 2020 onwards.

The updating digital radio receivers was developed using data services, switch modes between AM, FM, DAB+, HF DRM, DRM30 and satellite and re-tune to auto scan their radios to add more stations, category 2 of digital radio multiplex transmitter licences were extends into metro and regional areas, new digital radio stations also includes expanded simulcast formats of analogue stations in your area such as ABC Local's 45 regional stations, SBS's National Radio Network, and commercial, community, narrowcast and narrowband stations, as well as analogue radio (AM/FM) stations will be shifting from old analogue signals to a digital format and additional funding from the federal government should be able to retain digital radio rollout across Australia during this time.

ABC, SBS, commercial, community, narrowcast and narrowband expects to launch the digital radio simulcasts of analogue stations including sub-metropolitan licences of community radio stations in all capital cities such as 88.6 Plenty Valley FM in Melbourne, SWR Triple 9 FM in Sydney and more by 2020 and beyond.

Provide funding for digital radio rollout in just four year period (\$1.5 million per year of simulcast radio stations, plus \$4 million for digital radio transmission and satellite equipment, \$8 million for DAB+ and DRM carry analogue stations digitally as well as repeaters, \$6 million for direct to home satellite delivery of digital radio, \$2.4 million for digital radio receivers, \$5.2 million for Digital Radio Mondiale exported to Australia, \$1.7 million for digital radio extends into sub-metro areas, regional areas and surrounding regions), Look forward to support media diversity by making digital radio rollout in future.