



# **Bureau of Meteorology**

## **Submission to the consultation**

### **1800 MHz and 2 GHz bands**

### **outside of spectrum licensed**

### **areas – review of arrangements**

July 2024



## Bureau of Meteorology view

The Bureau of Meteorology (the Bureau) understands that the ACMA is consulting with spectrum stakeholders to review the planning options to improve arrangements in the 1800 MHz band (1710-1785 MHz paired with 1805-1880 MHz) and 2 GHz band (1920-1980 MHz, paired with 2110-2170 MHz), outside of spectrum licensed areas.

The possible outcome of this consultation is the modification of RALI MS 33 and MS 34 to reflect the result of this public consultation.

The Bureau would like to use this opportunity and raise a request for modification of RALI MS 34 as below.

Section 3.5 of RALI MS 34 discusses the coexistence of PTS apparatus licences with the Meteorological Services. In Table 3.6.1 within this section a cull radius of 15 km is suggested as a referral zone around the existing earth receive stations registered in the RRL. The last paragraph of this section mentions a site in Northern territory at Middle point (for the relocation of Bureau's earth station from Darwin) to be considered for any PTS licences by applying the same referral zone.

Given that with the support of ACMA licencing and satellite teams, migration of earth receive stations from Darwin to Middle point has now been finalised and their information is already included in RRL, it seems that there is no need to keep such paragraph in section 3.5 and hence, the Bureau suggests deletion of this paragraph as below:

~~The ACMA notes that the Bureau of Meteorology has identified a site to relocate its existing MetSat services in Darwin to. This site is located at Latitude 12.593733° South and Longitude 131.305731° East (GDA94). The ACMA supports the movement of such systems into areas of low population density. As a result the ACMA intends to protect the utility of this site for future MetSat services by applying the same referral zone as described in table 3.6.1.~~

For the abovementioned reason, Bureau also suggests deleting one of the notes under Table 3.6.1, that refers to the same Middle Point site exclusively, as below:

~~\* The referral zone also applies to the site located at Latitude 12.593733° South and Longitude 131.305731° East (GDA94)~~