The following HF bands are allocated to the Australian Amateur Service on a Primary basis (MHz):

1.800 to 1.875 services	Note: co-primary status with the fixed, mobile and radionavigation
3.500 to 3.700	Note: co-primary status with the fixed and mobile service
3.776 to 3.800	Note: co-primary status with the fixed and mobile service
7.000 to 7.100	Note: co-primary status with the fixed and land mobile services*
14.000 to 14.250	
14.250 to 14.350	Note: co-primary status with the fixed service*
18.068 to 18.168	Note: co-primary status with the fixed service*
21.000 to 21.450	
24.890 to 24.990	
28.000 to 29.700	

Even though the allocation for amateur use may be exclusive and primary in Australia, (as in detailed in The Australian Radiofrequency Spectrum Plan (ARSP) Column 2) the allocations for Regions 1, 2 and 3 may be different to Australian allocations. Note that the 160 and 80m bands are shared with other services in Region 3 on a co-primary basis.

The ACMA have agreed that some degree of protection would be provided where the intrusion was by a non authorised intruder into HF bands which amateurs share on a secondary basis. The ACMA would offer protection to amateurs on a case by case basis

^{*7.000 - 7.050} is shared with the fixed service in Angola, Iraq, Kenya, Rwanda, Somalia, Togo, Egypt, Eritrea, Ethiopia, Guinea, Libya and Madagascar.

^{*7.000 - 7.100} is shared with the fixed and land mobile services in Uzbekistan and Kyrgyzstan.

^{*14.250 - 14.350} is shared with the fixed service in Armenia, Azerbaijan, China, Cote de Ivorie, the Russian Federation, Georgia, Iran, Kazakhstan, Uzbekistan, Kyrgyzstan, Tajikistan, Turkmenistan and Ukraine.

^{*18.068 - 18.168} is shared with the fixed service in Armenia, Azerbaijan, the Russian Federation, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan and Ukraine for use within their borders.

for these segments and action by the ACMA may not be as prompt as it would be if the amateur segment involved had a primary status.

This situation would apply to the following segments (frequency in MHz):

- 7.200 to 7.300 Broadcasting is primary and amateur secondary.
- 10.100 to 10.150 Fixed is primary and amateur secondary