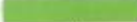

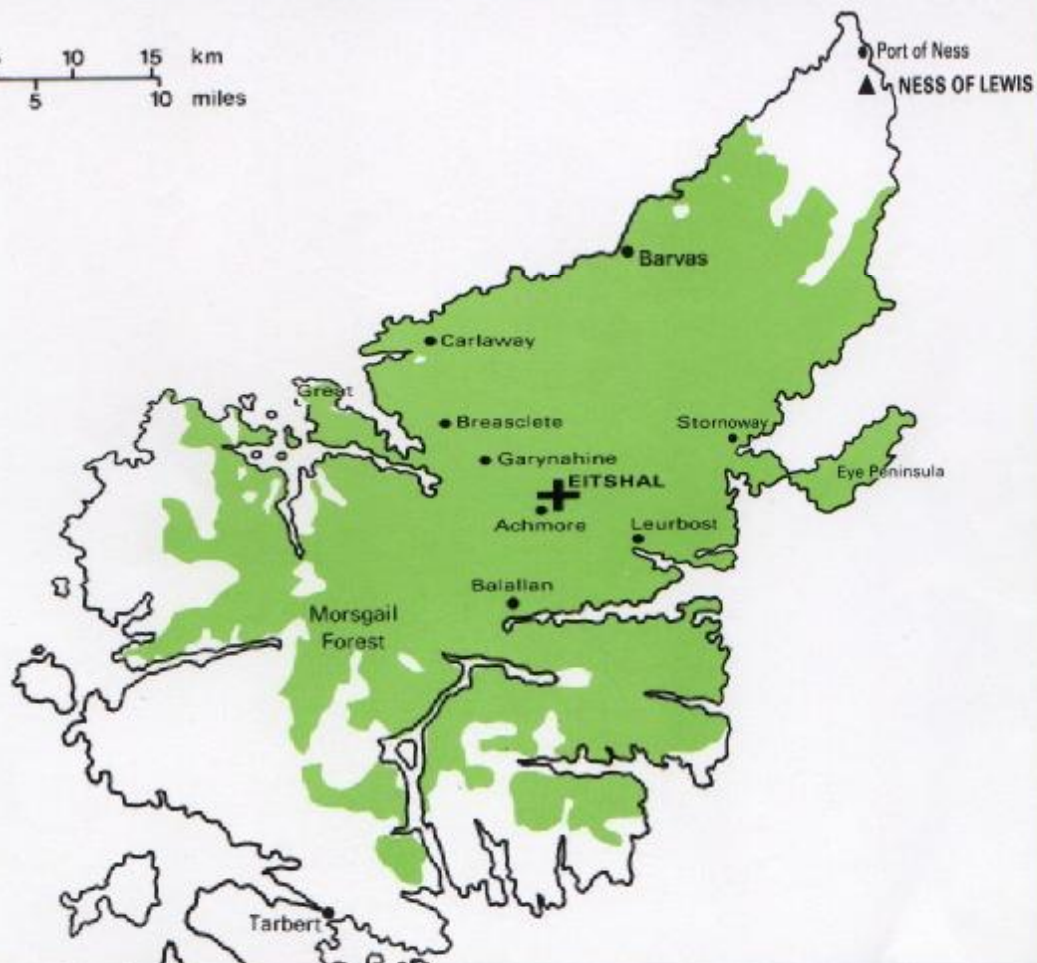


EITSHAL FM RADIO

Radio 1	99.4 MHz
Radio 2	89.8 MHz
Radio 3	92.0 MHz
Radio 4	95.1 MHz
Radio Scotland†	94.2 MHz
Radio nan Gaidheal	104.3 MHz
Power (Max erp)	2 kW
Polarisation	vertical
Mean ht. of aerial	160m agl, 366m aod
Transmitter site	Eitshal, Isle of Lewis
National Grid Reference	NB 305302
Key: Service area	
Relay station	

† Carries Radio Scotland: Inverness opt-out programmes

0 5 10 15 km
5 10 miles



The service area is where the average field strength is not less than 54 dB (relative to $1\mu\text{V}/\text{m}$) at a height of 10m. The service areas of the relays are not shown but technical details of the transmitters are listed overleaf.

Notes

Sensitive radios may work beyond the boundary shown particularly on high ground.
54 dB field strength produces typically $300\mu\text{V}$ terminated signal using a two element aerial and 15m of coaxial downlead. (A top quality receiver requires $200\mu\text{V}$ for 60 dB S/N.)