

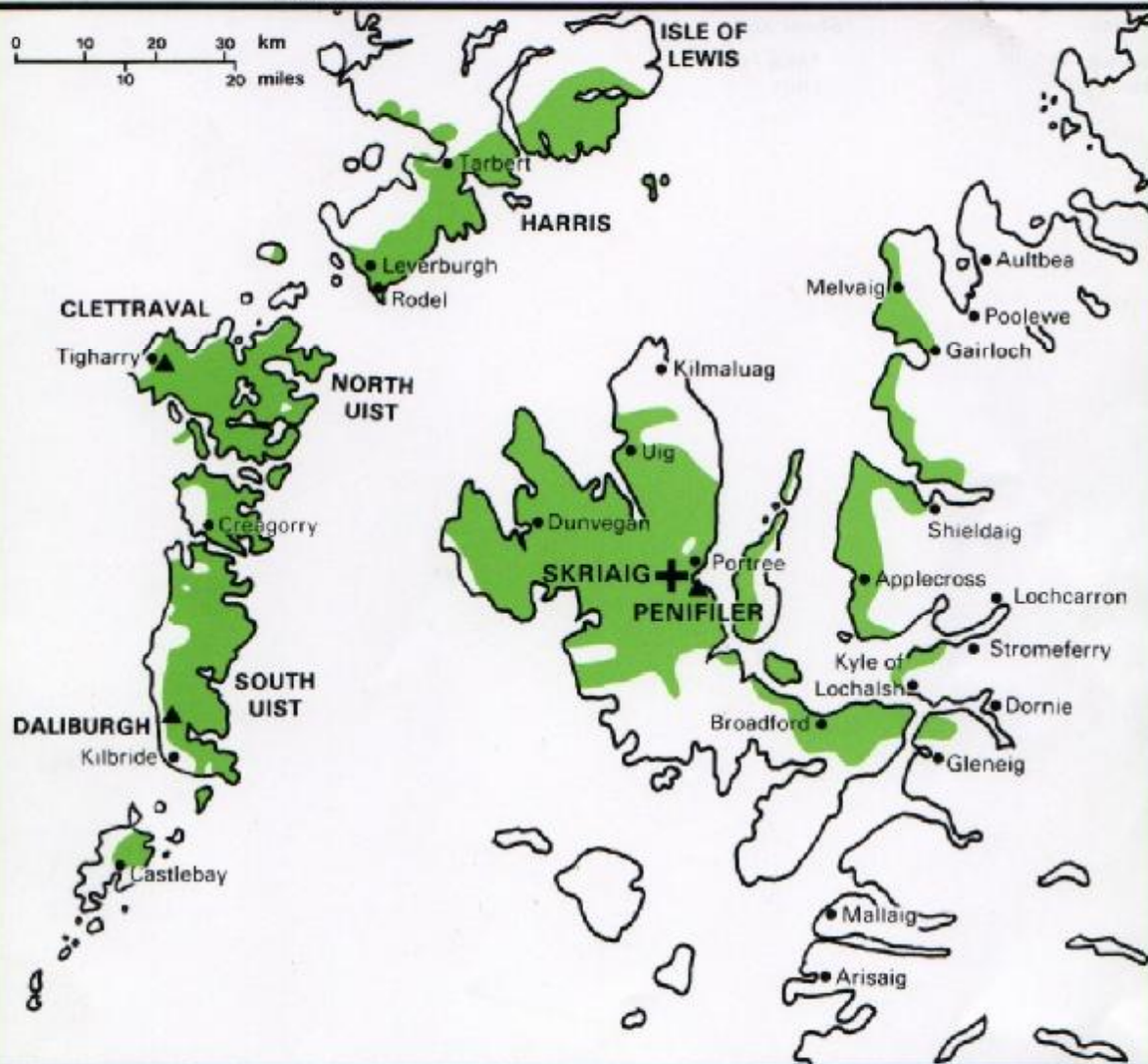
SKRIAIG FM RADIO

Radio 1	98.1 MHz
Radio 2	88.5 MHz
Radio 3	90.7 MHz
Radio 4	94.8 MHz
Radio Scotland†	92.9 MHz
Radio nan Gaidheal	104.7 MHz
Power (Max erp)	30 kW
Polarisation	mixed
Mean ht. of aerial	46m agl, 433m aod
Transmitter site	Skriaig summit
National Grid Reference	NG 449408

Key: Service area

Relay station

† Carries Radio Scotland: Inverness opt-out programmes



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 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.)