
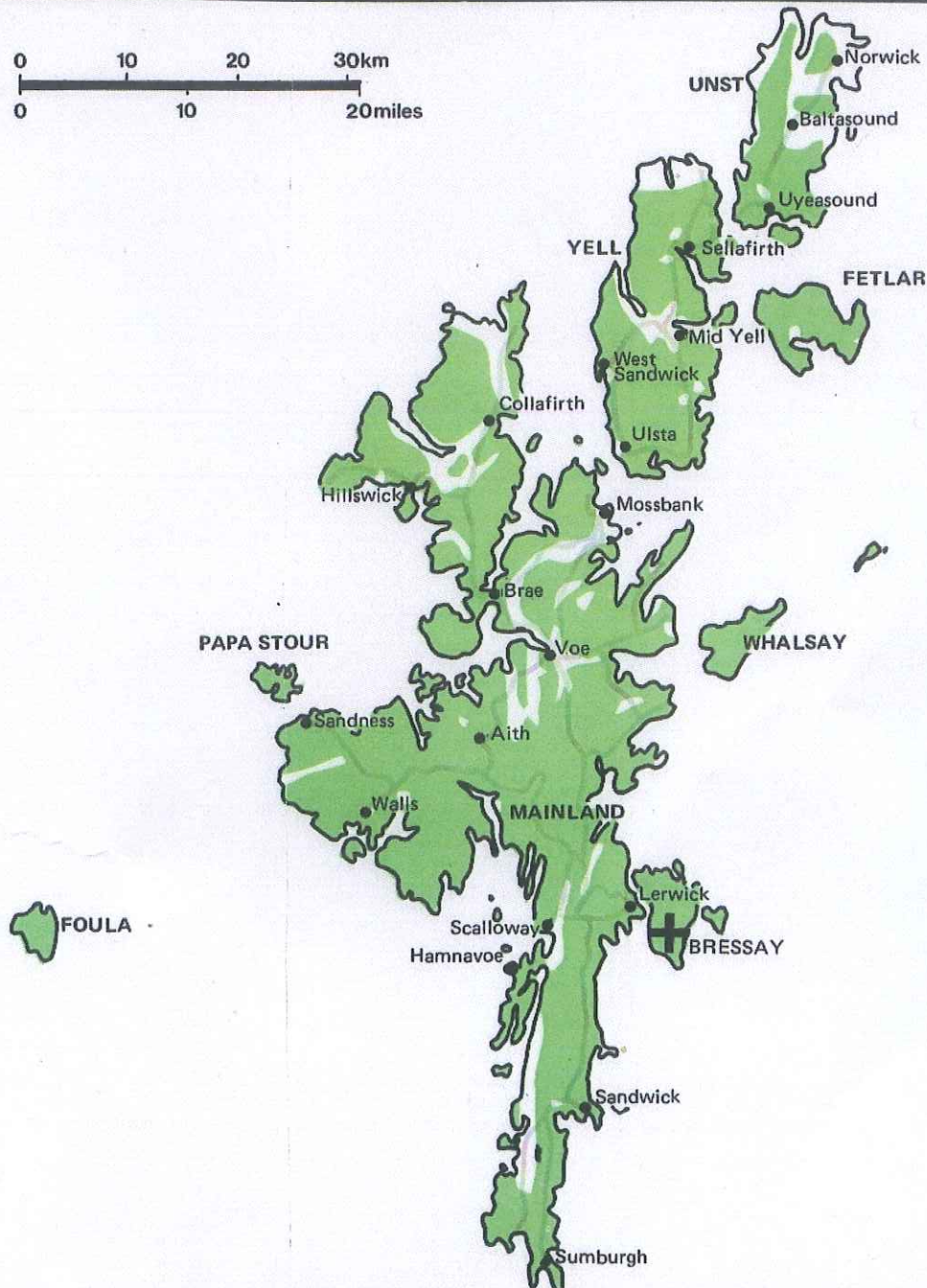
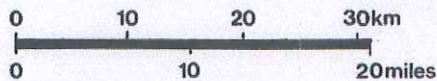


BRESSAY FM RADIO

Radio 1	97.9 MHz	Power (Max erp)	43 kW
Radio 2	88.3 MHz	Polarisation	mixed
Radio 3	90.5 MHz	Mean ht. of aerial	59m agl, 282m aod
Radio 4	94.9 MHz	Transmitter site	4 km south east of Lerwick
Radio Scotland with Radio Shetland	92.7 MHz	National Grid Reference	HU 503387
Key: Service area			



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.

Notes

Sensitive radios may work beyond the area 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 download. (A top quality receiver requires $200 \mu\text{V}$ for 60 dB S/N.)