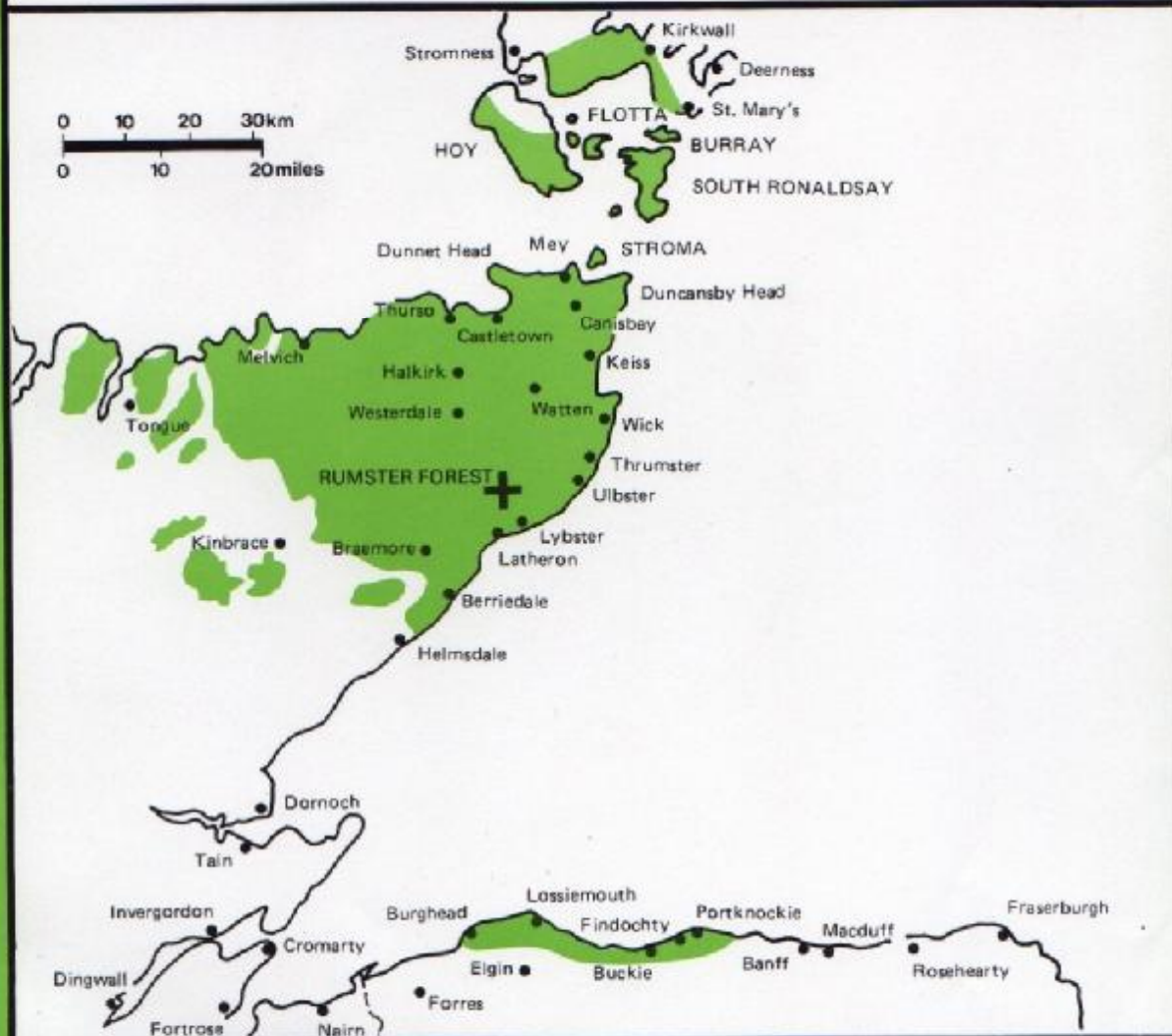


## RUMSTER FOREST FM RADIO

Radio 1	99.7 MHz
Radio 2	90.1 MHz
Radio 3	92.3 MHz
Radio 4	104.5 MHz
Radio Scotland **	94.5 MHz
Power (Max erp)	10 kW
Polarisation	mixed
Mean ht. of aerial	175m agl, 396m aod
Transmitter site	Rumster Forest, Caithness District
National Grid Reference	ND 197385
Key : Service area	

\*\* Carries opt-out programmes of R. Scotland: Inverness



The service area is where the average field strength is at least 54 dB (relative to  $1 \mu\text{V}/\text{m}$ ) at a height of 10m.

### Notes

Sensitive radios may work beyond the areas 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.)