

MR CARL MANN,
6711 SOUTH,
139 AVENUE CIRCLE,
OMAHA,
NEBRASKA 68137,
U.S.A.

29th December '89

Dear Mr Mann,

Thank you for your recent reception report regarding the English service of our transmission to South America on 6005Khz from 2356-0105 G.M.T. on September 6th 1989 which I can confirm originated from the Atlantic Relay Station. Unfortunately, we do not issue QSL cards but I hope this verification letter will prove of interest.

The Atlantic Relay Station comprises 6 250Kw Marconi BD272 transmitters. Each transmitter consists of three separate stages as follows:-

1) Modulator stage.

This stage consists of a "leak" type pre-amp driving 2-TT21 Beam Tetrodes in push-pull. These drive 4-TT10's in paralleled push-pull. Next come 4-3Z222EW cathode follower valves which drive 2-BY1144L final Modulator valves which provide 156Kw of audio power at 100% modulation.

2) R.F. stage.

This stage has four valves all operated in class 'c' grounded grid configuration. The Pen R.F stage having 2-BY1166 valves in push-pull. Final stage valves are BY1144L's providing a carrier power of 250Kw

3) Driver stage.

The driver transmitter consists of a single 4CX250B driving a wideband stage of 5-4CX250B valves followed by a final 4CX5000A proving a max drive power of 10Kw.

The Atlantic Relay Station transmits to the African continent and to South America. We have a total of 23 two-band arrays; consisting of a number of stacked dipoles either 2 or 4 dipoles wide and high according to desired service area.

Ascension island is situated 8 degrees south and 14 degrees west and has a tropical dry climate. The average temperature is 76F. The total island population is around 1200.

The station is staffed by a number of BBC U.K. employees and St. Helenian Technicians.

Once again Carl, thank you for the time you have taken to write to us and I hope that this information will be of some interest to you. Happy listening and please continue to tune in to the Atlantic Relay Station.

Regards Neil Johnson for Resident Engineer.

By air mail
Par avion

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