

(Ref. GM. 7/5/51)

TELEPHONE: 786



CABLE AND TELEGRAPHIC ADDRESS:  
"NATBROADCAST."

NEW ZEALAND BROADCASTING SERVICE,  
Station 3YZ,  
P.O. Box 24,  
Greymouth,  
Westland,  
NEW ZEALAND.

10th May, 1951.

Mr Kermit Geary,  
R.F.D. No. 2,  
Walnutport,  
Pennsylvania,  
U.S.A.

Dear Mr Geary,

Your letter written on 26th April was received here 7th May and I can assure you we were very pleased indeed with the excellent reception report which created more than a little excitement amongst our engineers. The information, painstakingly compiled by you, is greatly appreciated and I have much pleasure in confirming the details of this Station's transmission on 25th April. A formal verification card will be dispatched by surface mail and should reach you in a month or so, depending of course on the shipping situation which is grim at the moment, particularly to and from New Zealand.

You'll be interested to learn that your report is the first from the North American continent and the only one to be received here from a listening post at a distance greater than two thousand miles. We offer you our sincere congratulations on your successful logging.

Our studios and offices at 3YZ are in the main street of Greymouth but the transmitter is eleven miles south at a place called Kumara meaning "sweet potato". It has a power output of 10 k.w. unmodulated and is of Australian manufacture from a design essentially the same as that used by R.C.A. for 10 k.w. plate modulated transmitters. The radiator is a 400 ft. guyed tower sectionalized at 270 ft. and operated at an angle of 213 degrees.

Again, ever so many thanks for your accurately prepared report. The data on signal strength, modulation depth, fading etc. will be of much value to our engineers in determining coverage and antenna radiation.

Perhaps you would now like to hear something about Greymouth. It has a population of approximately 9 thousand, is the province's principal town and is situated  $\frac{1}{3}$  of the way down the West Coast of the South Island of New Zealand. The famous Franz Josef and Fox glaciers which are eight and nine miles long respectively, also our highest peak Mount Cook (12,349 ft.) - the maori name is Aorangi meaning "cloud piercer" - are approximately 94 geographical miles south by great circle bearing. The road distance is 132. An interesting point about our long steep glaciers is that their terminal faces are only a few hundred feet above sea level and 11 miles from the coast.

This is an industrial area the chief occupations being coal mining, timber milling, gold dredging and farming. The largest gold dredge in the southern hemisphere is working full-time at Kaniere, two miles east of Hokitika and twenty-seven miles south of Greymouth.

It is with much pleasure that I reciprocate best wishes and congratulations from the thirty members of my staff and I should like to send warm greetings to the U.S.A. from New Zealand. We are indebted to your great country for the assistance given us during the last global conflict. I hope we shall be for ever mindful of America's services and protection.

Do write and let us know if you are again successful in logging our programmes.

Yours sincerely,



(H.C. O'Loughlin.)  
Station Manager.

HO'L/JS.