



# Wrest Point Riviera Hotel

(Proprietors: Australian National Hotels Ltd.)

HOBART, TASMANIA

Dear P. J. ...

Jan 31st, 1955

Your large envelope posted in N.Y.C. on the 27th arrived here on Jan 28th. This is very good going for me mail, sometimes two months delay. Your manuscript and a separate sheet containing my comments is enclosed herewith.

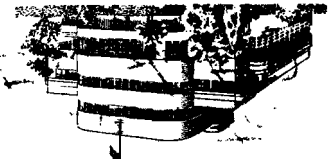
You definitely have the right of it in regard to Sausky. I remember one conversation with him about things in general. Very early it was most obvious that the new science needed instruments of much greater resolving power which could be pointed in varied directions easily. He proposed to build a large mirror, perhaps 100 ft diameter, and use the thin very short meter waves. These ideas were discussed with his superiors who used the following administrative artifice to get off the hook. The whole scheme was turned over to the accountants. They declared that such a spending of money could not be allowed as a proper business expense ~~with the~~ rentally chargeable for tax purposes. They also noted they couldn't tell the company how to spend its money, merely advise. This bit of advice was then duly reported back to Sausky with the opinion that nothing could be done because the proposed scheme was outside the realm of the company's business. I have experienced very close parallels to this kind of a performance at other places. The date of this episode is uncertain but was prior to 1940.

You were with me at the time of the...  
 because I was in the...  
 man for his name. He is Gordon...  
 charge of the RPA station at...  
 a question of a parking...  
 the RPA station near...  
 of more before was very...  
 measurements...  
 but nothing the...  
 5 to 20...  
 for...  
 and...  
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 I...

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To write to him, he can probably give you some information on the frequencies, types of antennas used, times of day of greatest activity, and approximate dates of the measurements. You can mention that I referred you to him. His

Gordon H. Sagner  
52 S. Limalila Home Road  
Honolulu 16, Oahu  
Territory of Hawaii

When Sagner published his results it attracted the attention of another young man named Langer at the Cal. Inst. of Tech. About 1935 he took some duplex out in the desert and made some pendulum type tests which confirmed Sagner's findings. I never met Langer, but I believe he is still on the staff of Cal. Tech. Jesse Greenstein once showed to me some maps of Langer's site - if you want to find out more about it, I suggest that you write to

Dr. R. H. Langer  
California Institute of Technology  
Pasadena, California

When the letter comes back, put it in another envelope and send it to Jesse Greenstein with the request that he see that it is forwarded to Langer. I don't know whether or not Langer prepared any detailed studies, but you can ask him and see what kind of circumstances he encountered.

When you get up to the sun it may be worth incorporating  
 another bit of ancient history, which is probably true but  
 cannot be substantiated. When the Germans took over  
 Denmark in early 1940, they installed some shortwave  
 (probably 2 meter) radar along some coasts at the north tip.  
 On several occasions this radar was jammed by bursts of  
 solar ~~transients~~ transients. At no time did they suspect the  
 Bintub because the mountings on their side allowed them to  
 trace the apparatus directly at the sun and thus find out  
 where the disturbance was coming from. These occurrences  
 seem to <sup>have</sup> been on the down grade of the previous cycle  
 of solar activity, as I was not able to find any in 1943  
 when many much greater disturbances. 1943 was near bottom.  
 The original was written up in a German journal about 1941 or 8.  
 You can dig it up by looking in the IRE. For a while the  
 Proc. IRE carried in the <sup>April or</sup> April issue a synopsis of the  
 happenings of the previous year. I wrote the part on radio  
 astronomy. You can look in the 1948 or 1949 or 1950 issue  
 where the exact reference is given. Sorry I can't remember.

My ancestors came from northwestern Germany a long  
 time ago. However there was a great mixing of people  
 between there and northward during the middle ages, so my  
 name could easily have a Scandinavian flavor.

Best regards,  
 Grote Reber