

7th March 1959
P.O. Box 2
Green Bank, West Virginia

Mr. Charles H. Schauer
Research Corporation
405 Lexington Ave.
New York 17, New York

Dear Hap:

Thanks for your letter of the 2nd and enclosures. I have picked out a couple of fotos and sent them on their way to Shapley.

As mentioned previously, I have hunted over all the country within 20 miles radius. Presently I am negotiating to examine aerial fotos of everything within 200 miles radius. The purpose of this is to seek out naturally baren country with a view to locating some suitable vallies to be explored from the ground. There may be something. However at distances beyond 20 miles there seems little object in attempting to work out of Green Bank as a base.

Enclosed is an accounting covering the period 24th October 1957 thru 7th March 1959. I deduce that I have advanced \$4389.49 If you see fit, please pass this accounting on to the proper parties for reimbursement to me. There is no particular rush.

It was agreed that AUI should pay my bills. This is not an unmitigated blessing. The NRAO letter head is a definite handicap when dealing with many small outfits as they get grandiose ideas. Consequently, in numerous cases, for small amounts, I have written my own checks as indicated. This procedure has been simpler and cheaper.

The results of my efforts in Hawaii are being published this month in the Journal of Geophysical Research under the title of "Radio Interferometry at Three Kilometers Above the Pacific Ocean". I'll see that you receive some reprints in due time.

Best regards,

Grote
Grote Reber

T R A N S P O R T A T I O N

AUTOMOBILE FUEL & OIL	451.92	
TIRES, REPAIRS, LICENSE, INSURANCE	315.62	
FINAL WRITE OFF ON OLD PONTIAC SEDAN	250.00	
FINAL WRITE OFF ON OLD FORD TRUCK	<u>150.00</u>	
	1167.54	
TICKET MAUI TO LOS ANGELES	228.43	
TICKET LOS ANGELES TO CHICAGO	152.86	
TICKET CHICAGO TO NEW YORK	78.07	
TICKET NEW YORK TO GREEN BANK	43.64	
HOTELS IN HONOLULU, LOS ANGELES & NEW YORK	175.10	
TAXI, PORTERS, FONES, MEALS ETC. ENROUTE		
24TH SEPTEMBER - 16TH OCTOBER @ \$8.00/DAY	176.00	
FREIGHT & INSURANCE ON BOXES	<u>81.25</u>	
	935.35	
TOTAL TRANSPORTATION		2102.89

O P E R A T I O N A T K O L E K O L E

REHABILITATE ANTENNA STRUCTURE, MATERIAL	333.09	
LABOR	480.50	
POWER PLANT FUEL & REPAIRS	258.29	
RENT & TAXES	98.72	
LABOR ON OPERATOR HIRE	<u>-421.77</u>	
	1592.37	1592.37

L A B O R O N S C I E N T I F I C D A T A

P. T. MILLER	647.50	
AGNES SINCLAIR	257.50	
JAMES OHTA	<u>124.50</u>	
	1029.50	1029.50

O T H E R

RODS & BOWS FROM HEC IN TASMANIA	30.70	
*BAND PASS FILTERS FROM BURNELL	190.00	
*FERRITE CORES FROM MULLARD	354.34	
*COILS FROM BROADWAY COIL Co.	205.42	
*CASSETTS FROM COSSOR	71.35	
*LITZ WIRE FROM FINE WIRE Co.	83.50	
*SMALL RADIO PARTS	417.35	

CONTINUED

PUBLICATIONS & REPRINTS	255.98	
FOTO SUPPLIES	137.78	
POSTAGE & STATIONERY	<u>117.41</u>	
	1864.23	1864.23

RADIO PARTS BOUGHT AT GREEN BANK

*NOT PAID BY AUI	300.50	300.50
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	TOTAL	<u>6889.49</u>
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ADVANCE BY RESEARCH CORPORATION 3 JANUARY 1958		<u>-2500.00</u>
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NET ADVANCE BY GROTE REBER		4389.49
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*MATERIAL TO BE USED IN FUTURE EXPERINENTS


GROTE REBER

7TH MARCH 1959

Transportation

2.0	Automobile Fuel + Oil	451.92	
1.0	Tires, repairs, license, insurance	315.62	
2.5	Final write off on old Pontiac ²⁴⁰⁰	250.00	
1.5	Final write off on old Ford truck	<u>150.00</u>	
		1167.54	

1.0	Ticket Maui to Los Angeles	⁴ 2 ³ 2 ² 8.43	
	" Los Angeles to Chicago	152.86	
	" Chicago to New York	78.07	
	" New York to Green Bank	43.64	
1.0	Hotels in Honolulu, Los Angeles, New York	175.10	
	Taxi, Porters, Fares, Meals, laundry enroute		
1.8	24 Sept - 16 Oct @ \$8.00/day	<u>176.00</u>	
.5	Freight + Insurance on Boxes	<u>81.25</u>	
		935.35	

Total Transportation 2102.89

Operations at Kala Kala. →
Rehabilitate Antenna Structures

1.0	Material	333.09	
4.0	Labor	480.50	
2.0	Powerplant fuel + repairs	258.29	
	Rent & Taxes	98.72	
4.2	Labor on operator hire	<u>421.77</u>	
		1592.37	1592.37

Labor on 3 centigrade (at all times)

1.0	P.T. Miller	647.50	
2.0	Agnes Sinclair	257.50	
1.0	James Ohta	124.50	
		<u>1029.50</u>	1029.50

Other

	Rods + Bows, HEC in Tomawaia	30.70	
1.0	* Band Filter from Bunnell	190.00	
1.0	* Ferrite Cores from Mullard	354.34	
	* Coils from Broadwing Coil	205.42	
.5	* Cassettes from Corson	71.35	
.8	* Litz wire from Fine Wires	83.90	
1.0	* Small radio parts	417.35	
1.0	Publications & reprints	255.98	
.5	Foto Supplies	137.78	
.5	Postage & Stationery	<u>117.41</u>	
		1864.23	1864.23

Radio Parts bought at Green Bank

	* Not paid by AUI		<u>300.50</u>
		Total	6889.49
	Advance by Research Corp. 3 Jan 58		- 2500.00
32.8	Net advanced by Grote Reber		<u>4389.49</u>

1st March 1959

* Material to be used in Future experiments

2342
5373
117.43
3855
55.73
40.61
280.70

	on Trip	Foto	Postage	Shell	Oil	Sold Radio
13.25						
48.15				2.06	4.12	3.25
13.70	Hotels	2.50	.56		.26	11.00
75.10	Equip	2.38	.56		.41	3.00
Literature	.32	2.35	.86		4.79	1.40
		1.02	.74			4.50
6.55	.77	2.25	.50			5.00
2.00	.41	11.55	.30			2.00
2.50		10.00	.46			1.00
10.00	36.00	32.05	.71			2.00
2.50	25.20		.86			7.70
2.50	5.95		.23			15.00
10.00	36.00		1.57			12.00
2.50	15.50		.85			25.00
38.55	120.15		.24			60.00
			.70			30.00
			9.14			9.35
						280.70

Kole Kole Hahn Miller Bank
 30.66 35.00 112.50 3.30

Expended at Green Bank 16 Oct 58 thru 28 Feb 59
 not including check # 43.

Trains L.A. to Chi	152.86
" Chi to NYC	78.07
" NYC to Green Bank	43.64
Hotels in L.A., NYC	75.10
Taxi, ^{Fines} Porters, Tips, Meals, ^{Laundry} enroute	
28 Sept - 16 Oct @ \$8.00/day	144.00
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	493.67