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DOTY CONTRACT, UNIVERSITY OF SAHATI

SYMBOL: RRS:ILV

During my trip to the Pacific, on September 25 I spent about 1 day discussing Carbon-14 productivity techniques and problems with Dr. Doty at the University of Hawaii. Dr. Doty is a somewhat controversial scientist, a bit too blunt for good relationships with other laboratories, but he is apparently effective as a scientist and he has many good ideas.

Dr. Doty has collected C-14 productivity data over a large area of the Pacific. He has tried many different techniques for collection of data and a major contribution has been to call attention to the variations in results that appear as a result of the use of different procedures for measurement.

He has some apparently sound ideas for development of new techniques for determination of algal and benthic productivity using radio-phosphorus, radiocesium and other isotopes. I believe that the strongest argument for continued support can be based on these ideas.

Dr. Doty uses a card-sorting machine for data processing. Through contacts with other scientists he hopes to get a better synoptic picture of ocean productivity than has been heretofore available. Another strong point in his program is his cooperation with natives of Japan, Thailand, Philippines and other foreign nationals for training and for the exchange of data.

There seems to be adequate reason for continuing his program for the immediate future.

cc: Dr. Shilling
Mr. Whitnah

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