

nizations are concerned with the pollution of the sea. I am not aware of any one of them which pays any significant attention to the pollution of the sea.

Dr. WOLMAN. There is a new one just created, that is your Oceanographic Council. And I would like to comment not only on it, Mr. Vivian. My Nos. 15 and 16 in "areas for exploration," where I was the victim of time and I did not reach—No. 15 was interagency communication and coordination, and 16 may surprise you, was communication and coordination on the congressional level, which I would incidentally rate as of high importance. And I hope you will forgive me for mentioning it. But I did want to point out in interagency operations that we have a whole series of recently created councils. We have the Federal Council on Water. We have the OST Office, which is supposed to keep an eye on the total research operations and perhaps even have some suggestion as to where it ought to be allocated and, incidentally, how much and how fast. We have the new Oceanographic Council, which I understand has just been created and will be in operation.

As a long participant in governmental actions, even on the Federal level, I gave up long ago, Mr. Vivian, ever hoping that we were going to have a simplified structure in the Federal operation. So what I do as an individual is try to design and strengthen the lines of communication, which I know is in your own mind. But I do not know of any substitute for it, because we have myriads of agencies to struggle with, sometimes on the same subjects as you point out. When I listed Nos. 15 and 16, I would make a plea that somewhere or other we have some kind of meshing. I am not so much interested in eliminating competition in research, because I think there are values in that, but I do wish that we could keep them from falling over each other and also from seeing that some of these necessities do not fall in between the cracks and nobody does them.

Mr. VIVIAN. Can I ask you if the Oceanographic Council intends to look into the subject of pollution of sea? Is that a major interest of the Council?

Dr. WOLMAN. I would say offhand that it probably was not, and I will do my part to see that it becomes so, because I rate it very high.

The reason I say it probably does not, I would simply recall to you that in the earlier work in Los Angeles and New York City the whole tremendous problem of sewage disposal, in which as you know millions and millions of dollars were spent for correction, the amount of money spent initially on oceanographic inquiry I think was much less than \$100,000. The amount of money spent on corrections, which, incidentally, have since been modified and spent again, was of course running into the tens of millions of dollars. And oceanographers themselves were critical of the fact that you were going out into the ocean without any understanding of the ocean behavior. A good deal of that is being corrected, but not enough.

Mr. VIVIAN. Mr. Chairman, I would agree with a number of the comments made a few moments ago by Dr. Wolman. He brought up the point of congressional committee coordination which I myself find to be an exasperating subject. I think because there is no clear-cut place in the administration that I personally could find, which shows