

we have no intention of competing or duplicating some of the really large boosters, or any of the really large systems. Any such attempts would certainly suffer. But the Department of Defense would make the decision which programs are going forward just as they do now anyway, in everything, not just space.

Mr. FULTON. Is it not a fact on Service cooperation, that while the Air Force has the Discoverer program, yet it was the Navy on the recovered capsule and the navigation and the Air Force could not have done it without the accuracy of the navigational system?

Admiral HAYWARD. That is right. We put the Transit oscillator on the Discoverer and everybody knows we were delighted because we are interested in a successful Discoverer program.

Mr. FULTON. I think it was so successful I would like the team arrangement continued with adequate room for research and development across the board.

The CHAIRMAN. Are there any further questions from anyone on the committee? If not, I would like to say this: We have plans to invite General Lemnitzer down here. He is Chairman of the Joint Chiefs of Staff. I have asked Dr. Sheldon if he will contact the General and make arrangements. We have beginning tomorrow plans to resume the hearing on the NASA authorization budget, and we will do so at that time. When General Lemnitzer is available, we can set aside those hearings for the purpose of hearing him. That will more or less conclude our hearings.

I want to thank everybody who participated in the hearings. I think they have been excellent, and I believe, Mr. Secretary, and gentlemen, that I can voice the sentiment of the entire committee when I say this, that what the committee is interested in is to get along with the program of space, with the utmost efficiency, with speed, and with results that we can use to sell to our people out in the country. If we do that, and the directive bears it out, I believe it will go a long way toward satisfying the committee and the Congress. And I want to thank all of you gentlemen for coming here and helping this committee. We will recess now until tomorrow morning.

As I stated on the first day of these hearings, there are certain additional questions which together with their answers I wish added to the record.

(The questions and answers referred to are as follows:)

QUESTIONS ADDRESSED TO THE NAVY

Question 1. Can you trace for us how you visualize the operation of the directive of March 6: Suppose the Navy does preliminary research on a space project in which it is interested, and then development is turned over to the Air Force. Which service will fund the development? How will the Navy insure that its operational requirements are adequately reflected in detail in the development phase?

Answer: The Secretary of Defense has offered considerable assurance that the Air Force will indeed be responsive to the space requirements of the other military Services. It is anticipated that the manner of satisfying these needs will be similar to that which is employed in the operation of such facilities as the National Missile Ranges. In such case, the requirements of all of the users are made known sufficiently in advance to the Service having responsibility for the provision of the service, who then provides the necessary funding to satisfy those needs. In the space requirements then, it would appear that the Air Force would fund for the developments which result from preliminary research performed by the Navy. Since implementing instructions for the recent directive