1968 NASA AUTHORIZATION

MONDAY, MARCH 20, 1967

HOUSE OF REPRESENTATIVES,
COMMITTEE ON SCIENCE AND ASTRONAUTICS,
SUBCOMMITTEE ON MANNED SPACE FLIGHT,
Washington, D.C.

The subcommittee met, pursuant to call, in room 2318, Rayburn House Office Building, at 10 a.m., Hon. Olin E. Teague (chairman of the subcommittee) presiding.

Mr. TEAGUE. The subcommittee will come to order.

We will begin with advanced missions this morning.

STATEMENT OF DR. GEORGE E. MUELLER, ASSOCIATE ADMINISTRATOR FOR MANNED SPACE FLIGHT, NASA; ACCOMPANIED BY WILLIAM E. LILLY, DIRECTOR, MANNED SPACE FLIGHT PROGRAM CONTROL, NASA; CHARLES MATHEWS, DIRECTOR OF THE SATURN APOLLO APPLICATIONS, NASA; ROBERT F. FREITAG, DIRECTOR, MSF, FIELD CENTER DEVELOPMENT, NASA; AND EDWARD Z. GRAY, ADVANCED MANNED MISSIONS PROGRAM DIRECTOR, NASA

Dr. MUELLER. That is correct, Mr. Chairman.

With your permission, I will talk about the advanced missions programs and then go through the budget books for both the Apollo Applications and Advanced Missions.

Mr. TEAGUE. Do I understand it will take you until about 11:20 on Advanced Missions?

Dr. MUELLER. I would hope that we would be finished by then. I will move rapidly.

Turning to the first chart (MT66–10,256, fig. 1) we have developed over the past year using the funds provided by the committee, several baseline programs. What we have tried to do is to define the steps that are required to continue manned space exploration and manned space utilization. In the left-hand chart, you see the normal sequence of a development cycle. The development phase that we are in at the present time or that we are just entering on involves man's capabilities and requirements for operating in space. We are now going through the phase of just figuring out how man can survive and how he can be supported in space.

We would expect, as the next major step in the manned part of this program, to begin the development of equipment and procedures for long duration manned research, flight, and operations. As we go

76–265 O—67—pt. 2——20