

ORD 4211-66
30 September 1966

MEMORANDUM FOR : Executive Officer, DD/S&T
SUBJECT : Impact of Freeze on FY'67 Program

1. The following information is presented concerning the affect on the FY'67 Programs of a freeze in ORD personnel strength at the 31 July 1966 on-board level.

a. Analysis Division

On-duty Strength, 31 July 1966
Planned Increase in FY'67

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A freeze in personnel at the July level would drastically cripple Agency R&D in the field of intelligence processing. The worth of equipment for the IPRD would be operated at 10% of the program necessary for proper utilization.

25X1

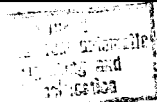
b. Audio Physics Division

On-duty Strength, 31 July 1966
Planned Increase in FY'67

25X1

25X1

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c. Biological Sciences Division

On-duty Strength, 31 July 1966
Planned Increase in FY'67

25X1

Without this increase over the July strength all of the programs requiring physiological trained and experienced personnel cannot be effectively continued and application of advances in biopower sources and basic physiological knowledge to hardware development will not be available in the required time frame.

d. Medical and Behavioral Sciences Division

On-duty Strength, 31 July 1966
Planned Increase in FY'67

25X1

A freeze would cause the OSA/ORD Biomedical Program, which would be supportive of effort in Southeast Asia, to be severely curtailed. The OTR/ORD follow-on of a survey of training techniques applicable to the language school which includes incorporation of Programmed Assisted Instruction Units in Viet and Mandarin will be curtailed and make it impossible for OTR to meet increased training demands.

25X1

e. Optics Division

On-duty strength, 31 July 1966
Planned Increase in FY'67

25X1

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A freeze in Optics would affect all Division programs. In-house analysis and conceptual designs of high-resolution [] for OSP's type of platforms will be greatly reduced. (This should be thought of as a National Security item). Consultant and field support of [] items for Vietnam will be reduced. In addition, development and experimentation for applications of the Raster Removal, High-Speed Isodensitracer, and the Optical Microwave Simulator equipments will be severely reduced since this was to be in-house work, instead of contractual.

25X1

f. Physics-Chemistry Division

On-duty Strength, 31 July 1966
Planned Increase in FY'67

25X1

g. Radio Physics Division

On-duty Strength, 31 July 1966
Planned Increase in FY'67

25X1

A freeze here would greatly reduce the search for new techniques and systems needed for future capabilities. Thus limited, large and less diversified tasks would be necessary (thus buying more contractor management) and fewer engineering man-hours would be available for each task (result: reduced quality). In the area of "black boxes" the number of targets would have to be reduced in tailoring the development program. Improvements in the [] system capability will be delayed and costs would increase because a larger number of idea evaluations would have to be turned over to the contractor. In the area of Target Detection and Identification, the flexibility and efficiency needed to conduct research for these as-yet-unproven techniques will be lost. Instead of searching in-house with several small tasks but numerous idea-sources, the project would have to be contracted in one or two areas. This brings up the necessity of guarding

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against the parochial (proprietary) approach from the contractor with something to sell rather than getting the "best available" product. This is an increased problem with understaffed organizations.

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25X1

**Deputy Director
of
Research and Development**

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