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November 17, 1958

MEMORANDUM FOR THE DIRECTOR OF ARPA

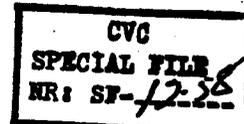
SUBJECT: FY '59 117L Program

It is my understanding that the previously approved program for 117L remains but that the directions as to accounting for contributions thereto, determined by Mr. Quarles at our recent meeting, are such that the following items, on which pricing is agreed, are eliminated from funding by ARPA:

- (a) \$6.3 million for guided missile launch facility at Pacific Missile Range.
- (b) \$1.1 million for telemetry ship requirements.
- (c) \$4.6 million for one of three tracking stations that can be deferred to FY '60.
- (d) \$7.6 million indirect support costs contributed by Commands other than ARDC and military construction planning funds.
- (e) \$11.2 million for 2 tracking centers to be funded by the Air Force as operational facilities as well as R&D facilities.

Although this would bring ARPA funding down to \$200.2 million, the program as such would remain a fractionated one totalling \$211.4 million, as the 2 tracking stations to be funded by the Air Force would be deemed a part thereof. Certain shots that have previously been questioned are now agreed between NASA, ARPA and the Air Force to remain in the program on the theory that probabilities of success of these and other shots will permit some boosters later to be reassigned to certain other ARPA projects. We are not proceeding with either of the 2 tracking stations to be funded by the Air Force without further review to inform you as to whether either, or both, must be obligated in FY '59. This does not affect, however, the funding by ARPA.

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It is our understanding that the Secretary of Defense and you approve of our assignment of this project to ARDC within the Air Force where it will remain for some years until final objectives are obtained, and it is our intention that the basic center established at or near Offutt AFB will be operated by ARDC.

In view of the fact that, in principle, the program will now be a fractionated one and will further involve its being phased and coded by fiscal years, the problem of indirect support by commands other than ARDC and the injection of operational factors, leads us to request that the channel of communication be through Headquarters, USAF, with instructions in relation thereto given to the Deputy Chief of Staff, Development, Hqs. USAF, with copies to the Assistant Secretary of the Air Force, Research and Development. The collateral operational factors as well as past Air Force funding and support by various Air Force commands makes it impossible for management to be exercised by direct contact solely with the Ballistic Missile Division of ARDC or Headquarters ARDC itself.

(Signed)
Malcolm A. MacIntyre
Under Secretary

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