

**ADVANCED RESEARCH PROJECTS AGENCY
WASHINGTON 25, D.C.**

ARPA Order No. 48-60
Amendment No. 7
Project Code No. 3100

October 8, 1959 DATE

**TO: The Secretary of the Air Force
Washington 25, D.C**

ARPA Order No. 48, dated December 16, 1958, as amended, is hereby further amended to increase the fund availability by \$15,000,000 from \$132,550,000 to a new total of \$147,550,000 under appropriation and account symbol "97X113.002 Salaries and Expenses, Advanced Research Projects Agency, Department of Defense." This funding provides for work during the month of October 1959.

John E. Clark
Rear Adm., USN
Acting Director

Copy to: Commander, ARDC

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ADVANCED RESEARCH PROJECTS AGENCY
Washington 25, D. C.

ARPA Order No. 48-59
Amendment No. 3

April 1, 1959 Date

TO: The Secretary of the Air Force
Washington, D. C.

1. Paragraph 5. ARPA Order No. 48-59, dated December 16, 1958, is superseded by the following. Attachment No. 1 to the basic Order is superseded by Attachment No. 1 to this Amendment.

The Director, Advanced Research Projects Agency, will be kept informed of the status of work assigned under this Order by a Monthly Progress Report, a Quarterly Progress Report, and a Semiannual Technical Summary Report, to be prepared and submitted in accordance with procedures outlined in Attachment No. 1. These reports represent ARPA's presently foreseeable requirements for reporting under ARPA Order No. 48-59.

2. Distribution of AFBMD reports required by ARPA on work performed under ARPA Order No. 48-59 to agencies within USAF will be decided by AFBMD in consonance with established USAF procedures. Requests for copies of these reports by agencies outside USAF will be referred to ARPA for approval.

Roy W. Johnson
Director

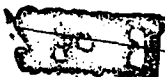
Incl:
Attachment No. 1

Copy to: Commander, ARDC
Commander, AFBMD

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Upon removal of attachment file document becomes unclassified.



WDHEU 129-3
Serial B 4875

Attachment No. 1

ARPA Order No. 48-59
Amendment No. 3

PREPARATION OF REPORTS

I. Monthly Progress Report

a. Narrative Section. A letter report will be submitted by AFBMD giving a narrative account of work performed under ARPA Order No. 48-59. The letter report will cover work performed each month with the exception of the last month (March, June, September and December) of each calendar quarter. The quarterly progress report prescribed below will be submitted in lieu of the letter report for the last month of each calendar quarter. The initial letter report under this directive will be for the month of April 1959. Letter reports will be submitted in quadruplicate to the Director, Advanced Research Projects Agency, and are due within 10 days following the month reported.

The report will be in letter form, preferably not exceeding three pages, and will present a brief narrative summary of progress during the reporting period. Each report should make specific reference to the following topics: (1) technical status, (2) problems encountered, (3) work schedules, and (4) action required by ARPA. Photographs and illustrative material will be submitted as appropriate. The ARPA Order number, name of contractor, date of contract, contract number, amount of contract, and title of the project should be stated in the heading of each report.

b. Milestone Section. Instructions for preparation of a milestone progress report, which requires use of a standard format in reporting actual progress against planned progress in accomplishing major milestone, will be issued at a later date.

II. Quarterly Progress Report

The purpose of the quarterly progress report is to provide the President and the Secretary of Defense and their staff with periodic summary information by which they may be kept informed of overall progress and results in certain of the satellite projects.

Frequency and Due Date. The quarterly progress report will be prepared for submission to the President each calendar quarter and will show a summary of progress and significant events during the

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Attachment No. 1

ARPA Order No. 48-59
Amendment No. 3

quarter. The report should reach ARPA no later than the 11th of the month following the close of the quarter reported. When the 11th falls on a non-workday, the report will be due the following workday. The initial report under this directive will be for the quarter ending March 31, 1959.

Content. The quarterly progress report will cover the progress, special achievements, problems encountered, schedules and overall status of the program. It is essential that the content be carefully organized and that the material is presented briefly, clearly and concisely.

Format.

PART A. Brief of Progress During the Quarter. The brief should not exceed one-half page in length and should present the outstanding highlights of progress and status of the program.

PART B Topical Summary. The topical summary consists of a series of summary headings, each of which is followed by a summary paragraph or paragraphs. The summary paragraphs are not limited in number but generally should not exceed 15 lines in length. Each paragraph should be abstracted in a marginal heading appearing at the left margin opposite the first line of the paragraph. All elaborative detail should be relegated to Part C and reference noted thereto, as appropriate. Suggested summary headings for the DISCOVERER Project are:

DISCOVERER PROJECT

DISCOVERER FLIGHTS

Flight I
Flight II, etc.

FACILITIES AND SITES

Launch
Tracking

GENERAL

Satellite Airframe Subsystem
Satellite Propulsion Subsystem

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Attachment No. 1

ARPA Order No. 4b-59
Amendment No. 3

GENERAL (continued)

Auxiliary Power Subsystem
Satellite Guidance and Control Sub-
system
Data Handling Subsystem
Biomedical Recovery Program

These headings may be revised or added to by the preparing agency from time to time, as appropriate.

PART C. Descriptive Detail. All detailed description and back-up information considered necessary to the completeness of the report will be confined to Part C. Examples are description and layout of tracking stations, map sketches of location of facilities, and details of design and testing of equipment. A glossary sheet listing standard equipment and systems terminology and specifications should be included.

Photographs and Sketches. Photographs and sketches selected to show progress of the work and depict development of equipment should accompany each report. To facilitate printing, photographs and sketches will be in black-and-white glossy finish on 8X10-1/2-inch paper. Each photograph should contain some commonly known object to indicate scale and be clearly captioned.

General. The quarterly progress report will be assembled with those of other satellite projects into a single Department of Defense Military Satellite Program Progress Report and transmitted to the President. It is desired that the format of the report to the President be carefully followed in preparing the report for your project to enable ARPA to print and transmit the consolidated report to the White House with minimum rewriting and editing delay.

III. Semiannual Technical Summary Report

A technical summary report will be prepared semiannually for periods ending June 30 and December 31 of each year. The report will present a concise and factual discussion of technical findings and accomplishments during the period. Six copies of the report will be submitted to the Director, Advanced Research Projects Agency, and are due within 30 days following the close of the report.

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Amendment No. 3

period. Upon completion of the project, a final report will be submitted summarizing the entire project. The final completion report will be submitted in lieu of the regular semiannual report to reach the Director, Advanced Research Projects Agency, within 60 days following project completion. The ARPA Order number, name of contractor, and title of the project should be stated in the heading of each report.

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ADVANCED RESEARCH PROJECTS AGENCY
Washington 25, D. C.

ARPA Order No. 48-59
Amendment No. 2

March 24, 1959 Date

TO: The Secretary of the Air Force
 Washington 25, D. C.

The Development and Funding Plan, dated January 30, 1959, for the DISCOVERER program, is hereby approved. This approval pertains to the 13-vehicle program.

Further program guidance will be in accordance with Paragraph 4 of the basic Order.



Roy D. Johnson
Director

Copy to: Commander, ARDC



ADVANCED RESEARCH PROJECTS AGENCY
WASHINGTON 25, D. C.

ARPA Order No. 49-59
Amendment No. 1

February 16, 1959 Date

TO: The Secretary of the Air Force
Washington 25, D. C.

The program objectives and related funding for the DISCOVERER program as presented to ARPA February 4, 1959, are, in general, approved.

It is particularly noted that this approval pertains to the 13 vehicle program.

Accordingly, ARPA Order No. ~~49-59~~, dated December 16, 1958, is hereby amended to make available \$104,500,000 under appropriation and account symbol "97X0113.002 Salaries and Expenses, Advanced Research Projects Agency, Department of Defense."

The decrease of \$1,700,000 in the amount authorized from the \$106,000,000 requested in the Development Plan has been explained to your staff.

The Development and Funding Plan, dated January 30, 1959, pertaining to the DISCOVERER program, is being reviewed and specific comments relating thereto will be provided for further program guidance.


R. G. Johnson
Director

Copy to: Commander, ARDC

ADVANCED RESEARCH PROJECTS AGENCY
Washington 25, D. C.

ARPA Order No. 48-59

December 16, 1958 Date

TO: The Secretary of the Air Force
Washington 25, D. C.

1. Pursuant to the provisions of DoD Directive 5105.15, dated February 7, 1958, you are requested to continue on behalf of the Advanced Research Projects Agency with the project specified below. Additional details and directives may be issued by ARPA from time to time and will become a part of this Order when so specified.

2. The study, development, and launch operations associated with the Thor program, heretofore included in ARPA Order No. 9-58 for the Sentry Program, are to be continued as an independent project identified as the Discoverer-Thor Project (U).

3. At the conclusion of the present program review, the costs allocable to this project since July 1, 1958, which have been charged to ARPA Order No. 9-58, shall be identified and transferred to this Order, at which time the funds shall be adjusted by ARPA as appropriate. You are requested to submit to ARPA by January 15, 1959, a financial plan which will be the basis for determining the division of funds.

4. The Director, Advanced Research Projects Agency, will provide policy and technical guidance either directly or through designated representatives. The Secretary of the Air Force will be responsible for arranging for the detailed technical directions necessary to accomplish the specified objectives and to comply with ARPA policy and technical guidance. This general relationship may be specified in greater detail by amendment to this Order if such action is necessary.

5. The Director, Advanced Research Projects Agency, and the Office of the Secretary of Defense will be kept informed of the status of work assigned under this Order by a monthly progress report and a semi-annual technical report to be prepared and submitted in accordance with procedures outlined in Attachment No. 1. These reports represent ARPA's total foreseeable requirement for recurring reports based on this Order.

6. The utilization of equipment and materials procured in connection with this project for other projects is subject to the direction of ARPA. Notwithstanding, final disposition of such equipment and materials shall be made in accordance with standard procedures. Any technical and scientific information relating to work under this Order which may be published from time to time shall give appropriate credit to the ARPA project. No scientific and technical progress and status reports on ARPA's projects or final completion reports prepared specifically at ARPA's request shall be made available to other agencies or individuals without approval of ARPA.

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7. Sec/Air shall be responsible for preserving the security of this project in accordance with the security classification assigned and the security regulations and procedures of the Department of the Air Force.

8. Notwithstanding any other provisions of this Order, the Secretary of the Air Force shall not be bound to take any action in connection with the performance of this work that would cause the amount for which the Government will be obligated hereunder to exceed the funds made available, and the obligations to the Secretary of the Air Force to proceed with the performance of this work shall be limited accordingly. The Secretary of the Air Force shall be responsible for assuring that all commitments, obligations, and expenditures of the funds made available are made in accordance with the statutes and regulations governing such matters, provided that whenever such regulations require approval of higher authority such approvals will be obtained from or through the Director, ARPA, or his designated representative.

/s/ Roy W. Johnson
/t/ Roy W. Johnson
Director

1 Incl.
Attachment No. 1
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