

ADVANCED RESEARCH PROJECTS AGENCY  
WASHINGTON 25, D.C.

ARPA Order No. 9-60  
Amendment No. 15  
Project Code No. 2100

October 8, 1959      DATE

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

ARPA order No. 9, dated June 30, 1958, as amended, is hereby further amended to increase the fund availability by \$20,000,000 from \$147,600,000 to a new total of \$167,600,000 under appropriation and account symbol "9TX0113.002 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. 9-58  
Amendment No. 11

April 14, 1959      DATE

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

Amendment No. 10, dated April 3, 1959, to ARPA Order No. 9-58  
is hereby restated to correct a typographical omission.

"The Development and Funding Plan, dated January 30, 1959,  
for the SENTRY Program, is hereby approved to the extent it pertains  
to payload programs of visual reconnaissance readout, visual recon-  
naissance recovery, and ferret readout.

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

/s/ J. E. Clark  
for Roy W. Johnson  
Director

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ADVANCED RESEARCH PROJECTS AGENCY  
WASHINGTON 25, D.C.

April 14, 1959

MEMORANDUM FOR THE SECRETARY OF THE AIR FORCE

SUBJECT: Classification of ARPA Order No. 9-58,  
Amendment No. 10

This is to advise that ARPA Order No. 9-58, Amendment  
No. 10, dated April 3, 1959, should be classified SECRET.

All holders of the above amendment shall take appropriate  
action to classify their copies accordingly.

L. P. Giss  
Assistant Director  
(Administration)

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ADVANCED RESEARCH PROJECTS AGENCY  
WASHINGTON 25, D.C.

ARPA Order No. 9-58  
Amendment No. 10

April 3, 1959 DATE

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

The Development and Funding Plan, dated January 30, 1959,  
for the SENTRY Program, is hereby approved to the extent it  
pertains to payload programs of visual readout, visual  
recovery, and ferret readout.

Further program guidance will be in accordance with  
paragraph 4 of the basic order.

Roy W. Johnson  
Director

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ADVANCED RESEARCH PROJECTS AGENCY  
Washington 25, D. C.

ARPA Order No. 9-53  
Amendment No. 9

April 1, 1959 Date

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

1. Revised procedures for preparation of reports required by ARPA from BMD on progress of work performed under ARPA Order No. 9-53, dated June 30, 1953, as amended, are set forth in Attachment No. 1 to this Amendment. These reports represent ARPA's foreseeable requirements for reporting under this Order.

2. The following rescissions are hereby made:

a. ARPA memorandum for the Secretary of the Air Force, dated June 18, 1953, subject: Military Reconnaissance Satellite Progress Report, is rescinded in entirety.

b. ARPA memorandum for the Commanding General, Ballistic Missile Division, Air Research and Development Command, and Inclosure 1 thereto, dated July 15, 1953, subject: Military Reconnaissance Satellite Report are rescinded in entirety.

c. ARPA memorandum for the Commanding General, Ballistic Missile Division, Air Research and Development Command, dated September 10, 1953, subject: Distribution of Reports Concerning ARPA Projects. The first, second and last paragraphs and Inclosure No. 1, thereto, are rescinded.

d. ARPA memorandum for the Commander, Air Force Ballistic Missile Division, and Inclosure 1, thereto, dated December 23, 1953, subject: Format for the December 31, 1953, Military Satellite Program Progress Report, are rescinded in entirety.

3. Distribution of AFBMD reports required by ARPA on work performed under ARPA Order No. 9-53 to agencies within

Upon removal of attachment this document becomes Unclassified.

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the 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 elaborate detail should be relegated to Part C and reference noted therein, as appropriate. Suggested summary headings for the ~~SECRET~~ Project are:

**SENTRY PROJECT**

**SENTRY FLIGHTS**

Flight I  
Flight II, etc.

**FACILITIES AND SITES**

Launch  
Tracking

**GENERAL**

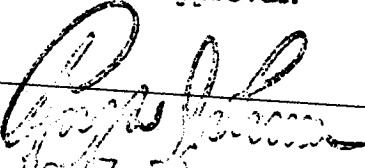
Auxiliary Power Subsystems  
Visual Reconnaissance Subsystems

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ARPA Order No. 9-53  
Amendment No. 9

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.

  
Joseph J. Johnson  
Director

1 Incl:  
Attachment No. 1

Copy to: Commander, ARDC

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Attachment No. 1

ARPA Order No. 9-58  
Amendment No. 9

## PREPARATION OF REPORTS

## I. Monthly Progress Report

a. Narrative Section. A letter report will be submitted by AFEMD giving a narrative account of work performed under ARPA Order No. 9-58. 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. Milestones 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 milestones, 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

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## GENERAL (continued)

Ferret Reconnaissance Subsystem (Certain basic subsystem hardware for the GENTRY Project presently being developed under the DISCOVERER Project will be reported under the DISCOVERER Project and reference made thereto.)

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

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will be submitted to the Director, Advanced Research Projects Agency, and are due within 30 days following the close of the report 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. 9-58  
Amendment No. 8

February 16, 1959 Date

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

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

Accordingly, ARPA Order No. 9-58, dated June 30, 1958, as amended, is hereby further amended to decrease the fund availability from \$143,200,000 to a new total of \$96,500,000 under appropriation and account symbol "97X0113.002 Salaries and Expenses, Advanced Research Projects Agency, Department of Defense."

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

Roy W. Johnson  
Director

Copy to: Commander, ARDC

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ADVANCED RESEARCH PROJECTS AGENCY  
Washington 25, D. C.

ARPA Order No. 9-58  
Amendment No. 7

January 19, 1959 Date

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

ARPA Order No. 9-58, dated June 30, 1958, as amended, is hereby further amended to increase the fund availability from \$136,200,000. to a new total of \$148,200,000 under appropriation and account symbol "97X0113.002 Salaries and Expenses, Advanced Research Projects Agency, Department of Defense."

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

Copy to: Commander, ARPC

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ADVANCED RESEARCH PROJECTS AGENCY  
Washington 25, D. C.

ARPA Order No. 9-58

Amendment No. 6

December 11, 1958

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

ARPA Order No. 9-58, dated June 30, 1958, as amended, is hereby further amended to redirect the responsibility for its execution from the Commander, Air Research and Development Command, to the Secretary of the Air Force.

/s/ L. P. Gise  
for Roy W. Johnson  
Director

cc: Commander  
Air Research and Development Command

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ADVANCED RESEARCH PROJECTS AGENCY  
WASHINGTON 25, D. C.

ARPA ORDER NO. 9-58

Amendment No. 1

July 17, 1959

TO: Commanding General  
Ballistic Missiles Division, ARDC  
Los Angeles, California

ARPA Order No. 9-58, dated June 30, 1958 is hereby amended to increase the fund availability specified in paragraph 3 from \$22,700,000 to a new total of \$30,700,000 under appropriation and account symbol "97x0113.002 Salaries and Expenses, Advanced Research Projects, Department of Defense."

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

cc: Secretary of the Air Force

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Washington 25, D.C.

ARPA Order No. 9-58

June 30, 1958 Date

TO: Commanding General  
Ballistic Missiles Division, ARDC  
Los Angeles, California

1. Pursuant to the provisions of DoD Directive 5105.15, dated February 7, 1958, the Secretary of Defense has approved the assumption of responsibility by ARPA for the Advanced Reconnaissance Satellite (WS 117-L). You are hereby requested to continue with this program on behalf of the Advanced Research Projects Agency. Additional details and directives will be issued by ARPA from time to time and will become a part of this Order when so specified.

2. You will submit, as soon as possible, for review and approval by the Advanced Research Projects Agency a detailed development and related financial plan covering the program. These data shall include a time-phased schedule of work and estimates for work to be performed (a) at EOD, (b) by contract, and (c) at other government facilities.

3. This Order makes available \$22,700,000 under appropriation and account symbol "97X0113.002 Salaries and Expenses, Advanced Research Projects, Department of Defense", for obligation by the Ballistic Missiles Division on behalf of the Advanced Research Projects Agency, only for purposes necessary to accomplish the work specified herein. These funds are not available for public works. Such public works as are necessary to the program shall be separately requested as needed by the Ballistic Missiles Division and approved by the Advanced Research Projects Agency. Separate funds will be authorized for approved public works. Upon approval of detailed development and financial plans, as required herein or in accordance with amendments to this Order, these funds will be increased as appropriate.

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4. The Director, Advanced Research Projects Agency, will provide policy and technical guidance, either directly or through designated resident representatives. The Ballistic Missiles Division will be responsible for arranging for the detailed technical direction 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 by such management, technical and accounting reports as may be prescribed pursuant to this Order.

6. The use of equipment and materials procured in connection with these projects is subject to direction of ARPA and all reports, manuals, charts, data and information as may be collected or prepared in connection with the projects shall be made available to ARPA prior to release to other agencies or individuals under procedures to be approved.

7. The Ballistic Missiles Division shall be responsible for preserving the security of these projects in accordance with the security classifications assigned and the security regulations and procedures of the Department of the Air Force.

8. Notwithstanding any other provisions of this Order, ED 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 shall be obligated hereunder to exceed the funds made available, and the obligation of the ED to proceed with the performance of this work shall be limited accordingly. ED 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, Advanced Research Projects Agency, or his designated representative.

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

cc: Secretary of the Air Force

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