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ADVANCED RESEARCH PROJECTS AGENCY  
Washington 25, D. C.

ARPA Order No. 9-58  
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. 9-58, dated June 30, 1958, 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for the Secretary of the Air Force, dated June 18, 1958, subject: Military Reconnaissance Satellite Progress Report, is rescinded in entirety.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Command, and Inclosure 1 thereto, dated July 15, 1958, subject: Military Reconnaissance Satellite Report are rescinded in entirety.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, 1958, 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 The first, second and last paragraphs and Inclosure No. 1, thereto, are rescinded.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dated December 23, 1958, subject: Format for the December 31, 1958, Military Satellite Program Progress Report, are rescinded in entirety.

3. Distribution of AFBMD reports required by ARPA on work performed under ARPA Order No. 9-58 to agencies within

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

**SENTRY PROJECT**

**SENTRY FLIGHTS**

Flight I  
Flight II, etc.

**FACILITIES AND SITES**

Launch  
Tracking

**GENERAL**

Auxiliary Power Subsystem  
Visual Reconnaissance Subsystem

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ARPA Order No. 9-58  
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USAF will be decided by AFPMO in consonance with established  
USAF procedures. Requests for copies of these reports by agencies  
outside USAF will be referred to ARPA for approval.

~~W. J. ...~~  
W. J. ...  
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 AFPMO 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 milestones 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 ~~SENTRY~~ 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 collected 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 15 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

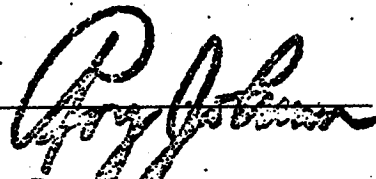
February 16, 1959 Date

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

The program objectives and related funding for the **SINTRY** 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 \$96,600,000 under appropriation and account symbol "37X0113.002 Salaries and Expenses, Advanced Research Projects Agency, Department of Defense."

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

  
Roy A. 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~~, ARDC

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ADVANCED RESEARCH PROJECTS AGENCY  
WASHINGTON 25, D. C.

ARPA ORDER NO. 9-58

Amendment No. 1

July 17, 1958

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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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.

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. Gise  
Assistant Director  
(Administration)

ADVANCED RESEARCH PROJECTS AGENCY  
WASHINGTON 25, D.C.

ARPA Order No. 9-60  
Amendment No. 15  
ProjectCode 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 "97X0113.002 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. 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. 9-58  
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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