



ADVANCED RESEARCH PROJECTS AGENCY
WASHINGTON 25, D. C.



NOV 6 1958

**MEMORANDUM FOR THE ASSISTANT SECRETARY OF THE AIR
FORCE (RESEARCH AND DEVELOPMENT)
THE CHIEF OF NAVAL OPERATIONS (RESEARCH
AND DEVELOPMENT)**

SUBJECT: Army Satellite and Space Requirements

By memorandum to the Director, ARPA, dated 3 November 1958, the Army requested that the Departments of the Navy and Air Force be authorized to brief the Army on those satellite and space programs which they are currently accomplishing in support of ARPA requirements.

The Director, ARPA, hereby authorizes such briefings. It is my desire that full and complete exchange of information and cross-fertilization of ideas be encouraged within the areas of ARPA interest.

/S/ Roy W. Johnson

**Roy W. Johnson
Director**

cc: Army R&D
OCSigO, OCRD



NOV 3 1958

MEMORANDUM FOR: THE DIRECTOR, ADVANCED RESEARCH PROJECTS AGENCY

SUBJECT: Army Satellite and Space Requirements

1. The Army is currently conducting a study on the above subject to determine its operational requirements for satellite communication, battlefield surveillance, ground target acquisition, electronic intercept, electronic countermeasures, area damage assessment, mapping and geodesy through 1970. The study will attempt to define the degree to which satellite data output provided under currently approved satellite and space programs will satisfy the Army's operational requirements.

2. As a first step toward the determination of applicability of current programs, it is requested that the Advanced Research Projects Agency authorize the Departments of the Navy and the Air Force to present briefings on those military satellite and space programs which they are currently accomplishing in support of ARPA requirements.

3. The requested briefings to an Army working group should be oriented toward delineation of data output, area coverage, and/or system capacity as may be applicable. There is no requirement for discussion of launching vehicles and although data handling measures are a necessary corollary to data output figures, only such mention should be made of this aspect as may be required in order to better define the type of data received from any system. It is requested that satellite capabilities be projected into the period 1965 to 1970. Output data accuracy expected should be compared against the time frame showing the system life.

4. Army attendance at the briefing will consist primarily of field agencies responsible for establishing statements of operational requirements. Representatives of the Army Staff, Technical Services, and Continental Army Command will also participate.

5. It is requested that the briefings be presented on 7 November 1958 in Room 3D 1600, The Pentagon. The schedule of briefings are: USAF, 0900-1030; USA, 1045-1130; USA, 1130-1230. The Navy and Air Force notice agencies concerned received informal requests for the specified briefings on 28 October 1958.

RECEIVED
NOV 10 1958

11181-58

Copy for: 01 1180

6. It is requested that ANPA representation be provided for the specified briefings. It would be extremely helpful for the purposes of the Army study group if an ANPA representative could participate in the briefings to the extent of reviewing ANPA plans and military satellite and space programs for the 1965-1970 time period. In the event that such a statement can be made, this will be made available to the ANPA representative as required.

(Signed) W. H. Martin
William H. Martin
Director of Research and Development

Copy Furnished:
CNO, H&D
AF H&D
OS&L&D, OSD



EXF 1000 10
APR 11 1965
AF H&D

EX-100
147A B 10 31 1965
050100
14

2

RECEIVED BY THE USAF
OFFICE OF THE
DIRECTOR OF RESEARCH AND DEVELOPMENT
APR 3 5 03 PM '65
OFFICE
COORDINATION & RECORD
DISTRIBUTION