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Office of the Secretary of Defense **SUSC 551**  
Chief, RDD, ESD, WHS  
Date: 03 APR 2014 Authority: EO 13526  
Declassify: X Deny in Full: \_\_\_\_\_  
Declassify in Part: \_\_\_\_\_  
Reason: \_\_\_\_\_  
MDR: 13 -M- 4646

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10 March 1975

209-SPACE

**MEMORANDUM FOR: DISTRIBUTION**

**SUBJECT: Current and Future Investments in Space Systems (U)**

(U) We are interested in making a present assessment and a projected estimate of the DoD capital investment in space systems. For our purposes we would like to include the estimated investment in satellites, dedicated ground command and control equipment, and all ground receiving and wear equipment which is needed to make the system functional. This capital investment information will be used in a paper being prepared for the Defense Science Agency's Scientific Advisory Group on Effects (SAGE) which is meeting on 14 April. In order to meet the deadline for preparation of this paper, your reply must be in this office by **CDD 17 APRIL 1975**.

In order that this analysis may be of greatest benefit, both to the SAGE group and for our future planning, it should include data on each of the following systems:

- \*WDCS
- \*Link SatCom
- \*AF SatCom
- \*NSF
- GPS
- DMSP
- TRANSIT
- Ocean Surv. II
- \*Surv SatCom
- Deep Space Surveill. Sat.

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Specifically, the quantities needed for each system, with as high a precision for present (1975) values, 70 percent for 1975 to 1979 and best judgment for 1980-1985, are:

1. Estimated system development cost (or block change cost)
2. Estimated satellite unit cost
3. Estimated launch rate
4. Total satellite cost per period

Note: \*Programs with special WDCCS significance.

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- 5. Dedicated command station cost (If Satellite Control Facility, mark zero)
- 6. Estimated user terminal numbers by type
- 7. Estimated cost per user terminal type
- 8. Total user terminal cost per period

(U) Copies of the final compilation will be supplied to each office on the distribution list. Please contact LTC Thomas Winter (X-53359), Room 3E-139, with your point of contact on this project.

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Robert S. Cooper  
 Assistant Director  
 Space & Advanced Systems

**DISTRIBUTION:**

<u>Name/Office</u>	<u>Space Systems Responsibility</u>
Mr. Andrew Hardigan/ODTACCS	DSCS, FltSatCom, AF SatCom
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Brigadier General H. Stalling/AFRDS	GPS, DMSP, SurvSatCom, DSSS
Major Adam R. Gaiger/OP 986	TRANSIT, Ocean Surveill. II

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