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Office of the Secretary of Defense  
Chief, RDD, ESD, WHS  
Date: 04 Aug 2016 Authority: EO 13526 + 5 U.S.C. § 552  
Declassify: X Deny in Full: \_\_\_\_\_  
Declassify in Part: \_\_\_\_\_  
Reason: 5 U.S.C. § 552 (b)(6)  
MDR: 13 -M- 4695

111- NASA

NOV 1977

Honorable A. M. Lovelace  
Deputy Administrator  
National Aeronautics and Space  
Administration  
Washington, D. C. 20546

Page determined to be Unclassified  
Reviewed Chief, RDD, WHS  
IAW EO 13526, Section 3.5  
Date: **AUG 04 2016**

Dear Dr. Lovelace:

In response to your letter of July 5, 1977, discussing funding for the Seasat-A Synthetic Aperture Radar Enable/Disable (SED) unit, the Department of Defense accepts full responsibility for the cost. We continue to believe that NASA, as well as the DoD, will benefit from inclusion of the SED unit aboard Seasat-A. However, as it was totally a DoD initiative, we will provide reimbursement of \$300,000. This amount will be provided from a current Navy program and the Navy has been instructed to contact your Office of Applications to arrange for delivery of the funds.

Sincerely,

Signed  
Gerald P. Dinneen  
Principal Deputy

13 Capt H L Bixby/jw/21 Oct 77  
OAD(S&AS)/X56188

NASA Equities DECLASSIFIED  
E.O 13526, Sec 3.3 (a)  
NASA Declassification Guide  
September 2009  
Reviewer: 15797 Date 20150826

LD (S + SS) TAS  
AD (S - AS) \_\_\_\_\_

Department of the Navy  
DON/AA DRMD  
Date: 13 Aug 2016 Authority: EO 13526  
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Declassify in Part: \_\_\_\_\_  
Reason: \_\_\_\_\_  
MDR 2014 -M- 0185

13-M-4695

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1977

MEMORANDUM FOR THE ASSISTANT SECRETARY OF NAVY, (RESEARCH, ENGINEERING AND SYSTEMS)

SUBJECT: Release of Deferred Funds, PE 35111N (U)

(S) A program budget decision in 1977 incremented the subject FY 1978 program by \$1.8 million. Of this amount, \$700,000 was to be used to develop a secure processing capability at Fleet Numerical Central, Monterey, to handle encrypted and classified data from Seasat-A. Subsequently, it was decided there would be no encryption or classification of data from Seasat-A and the funds were deferred pending resolution of the security issue involving funding responsibility for the incorporation of a Synthetic Aperture Radar Enable/Disable unit on Seasat-A. The issue is now resolved with DoD accepting the responsibility for its \$500,000 cost.

(U) By separate action, \$700,000 has been released to PE 35111N. The Navy is directed to reimburse NASA \$500,000 from those funds. The NASA point of contact for accomplishment of this action is [redacted] NASA Headquarters, telephone 755-8458.

Signed  
Garaki P. Dinneen  
Principal Deputy

OSD 5 U.S.C. § 552 (b)(6)

NGA 5 U.S.C. § 552 (b)(6)

AD(S&AS)

DD(S&SS) *AG*

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DECLASSIFIED  
Authority: EO 13526  
Date: 1 Mar 2002  
Chief, Record Br, Dir. & Rec. WHS

DECLASSIFIED IN FULL  
Authority: EO 13526  
Chief, Records & Declass Div, WHS  
Date: AUG 04 2016

Classified by DD/STW  
EXEMPT FROM GENERAL DECLASSIFICATION SCHEDULE OF  
EXECUTIVE ORDER 11652. EXEMPTION CATEGORY 1  
DECLASSIFY ON DD/STW

~~SECRET~~

JUL 5 1977

Honorable William J. Perry  
Director

Defense Research and Engineering **OSD 5 U.S.C. § 552 (b)(6)**

Department of Defense  
Washington, DC 20301

**NGA 5 U.S.C. § 552 (b)(6)**

Dear Dr. Perry:

In your letter of June 7, 1977, concerning Seasat and GEOS-3 matters, you suggest that NASA and DoD should share the cost of the Seasat-A Synthetic Aperture Radar Enable/Disable Unit. I cannot agree. This capability has been incorporated into the Seasat-A spacecraft only at the specific request of the DoD as a protection against hostile interference for military or intelligence reasons; the original NASA program planning and Congressional authorization process included no such protection provision. While we are anxious to support national security requirements, we are not in a position to fund them as add-ons to already on-going programs. I feel that the \$500,000 cost of the SAR uplink protection (most of which has been incurred) is a proper charge to the DoD, and in light of our urgent funding constraints on this project I would much appreciate a commitment to this reimbursement.

Sincerely,

Original signed by

[Redacted signature]

Deputy Administrator

bcc:

[Redacted bcc list]

**DECLASSIFIED IN FULL**  
Authority: EO 13526  
Chief, Records & Declass Div, WHS  
Date: AUG 04 2016

[Redacted]

A33720 (S)

Retyped -- Letter rewritten

[Redacted]

Ref: A33720 (S)

[Redacted]

HEMI-3 8/2/77

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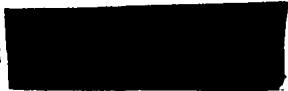
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Authority: EO 13526  
Chief, Records & Declass Div, WBS  
Date: AUG 04 2016

50 5 U.S.C. § 552 (b)(6)

NGA 5 U.S.C. § 552 (b)(6)

COVERING BRIEF

26 OCT 1977

TO: DIRECTOR, DEFENSE RESEARCH AND ENGINEERING  
FROM: ACTING DIRECTOR, STRATEGIC AND SPACE SYSTEMS 

PROBLEM: To reimburse NASA \$500 K for a device to protect the Seasat-A Synthetic Aperture Radar from unauthorized use.

DISCUSSION: To alleviate concern of the Department of Defense over possible use of the Synthetic Aperture Radar (SAR) on Seasat-A, NASA, inter alia, agreed to incorporate a SAR Enable/Disable (SED) unit on the uplink. No provisions for funding were made at the time of the agreement. Subsequent correspondence, discussed funding arrangements with DoD proposing shared costs, arguing that NASA would benefit equally by being able to insure the availability of data. NASA does not accept this concept and requests complete reimbursement, a total of \$500 K (Tab C). The DoD arguments are weak in view of DoD's original insistence on uplink protection.

As a FY 1978 Program Budget Decision, a Navy program element was augmented by \$700 K to provide for secure processing of Seasat-A data at Fleet Numerical Weather Central should it have been decided to classify the altimeter data. As this is no longer a requirement, those funds are now identified as a source for reimbursement to NASA for the SED unit. The remaining \$200 K will be released to the Navy to offset the costs they incurred in FY 1977, at DDR&E direction, in connection with planning for the secure processing system at Monterey. The letter at Tab A advises NASA that DoD will provide full reimbursement for the SED unit. The letter at Tab B directs the Navy to transfer the required amount to NASA. By separate action the full \$700 K will be released to the Navy.

RECOMMENDATION: That you sign the letters at Tabs A and B.

 AD (S&AS) \_\_\_\_\_

Classified by AD/AS  
EXEMPT FROM GENERAL DECLASSIFICATION SCHEDULE OF  
EXECUTIVE ORDER 11652 EXEMPTION CATEGORY 2  
DECLASSIFY ON FOUO 2002

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