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THE DEPUTY SECRETARY OF DEFENSE  
WASHINGTON, D. C. 20301

REFER TO DOS

DOS REVIEWED 18-Mar-2011: NO OBJECTION TO DECLASSIFICATION.

22 JUN 1973

Honorable Henry A. Kissinger  
Assistant to the President for  
National Security Affairs  
Executive Office of the President  
Washington, D. C. 20500

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Dear Henry,

With respect to our discussion on initiating a long range air to surface missile program, and your memo of June 11 requesting a progress report thereon, my review of the situation reveals the following:

- o We have two ongoing programs which could be adapted to meet the requirement -- the Air Force SCAD (Subsonic Cruise Armed Decoy) and the Navy SLCM (Submarine Launched Cruise Missile).
- o SCAD is in the initial development stage, with its primary objective at present being a medium range (700 nautical miles at low altitude) decoy for the B-52. It could be adapted for longer range, 900-1200 nautical miles, and fitted with warhead and guidance for long range missile use. Development cost for decoy only is estimated at \$300 million. Adding missile functions adds a small amount to development costs, but will increase procurement costs by several hundred million dollars. Since SCAD is in its early stages, the armed version could be available almost as soon as the decoy version -- in the late 70s. The requirement that the SCAD be a decoy constrains its design. In particular, SCAD matches the radar signature of the bomber and does not have the extremely low radar cross section needed for a standoff penetrating attack missile. Consequently SCAD will not be an optimum missile design for the purpose you had in mind.

OSD REVIEWED 15-Mar-2011: NO OBJECTION TO DECLASSIFICATION.

Classified by Dep Sec Def

SUBJECT TO GENERAL DECLASSIFICATION SCHEDULE OF  
EXECUTIVE ORDER 11652. AUTOMATICALLY DOWNGRADED ~~SECRET~~  
AT TWO YEAR INTERVALS. No Objection To Declassification in Full 2012/02/13 : LOC-HAK-35-4-9-9

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- o SLCM is presently in very early stage as a technology program, intended solely for standoff attack missile application. Although initially oriented toward submarine launch, it can be adapted for air launch. In fact, plans are being developed for air launch R&D tests. Range of the air launched variant of SLCM will be about 1200 nautical miles when penetrating at high subsonic speeds and extremely low altitudes (below 200 feet). R&D costs are estimated at \$600-800 million, with operational availability in the late 70s.
- o Both SCAD and SLCM missiles could carry a 200 kt warhead and achieve accuracies better than .25 nautical miles.
- o Unit production cost for either missile probably will be about \$750 thousand.

You should be aware of the likelihood that we will have Congressional problems with the Air Force SCAD program. We are requesting \$72.2 million in the FY 1974 budget now before the Congress. The indications are that neither of the authorization committees supports continuation of the program.

In the next few days I will check with the committee chairmen, advise them of our concern, and determine what support we can expect. Following that, I will re-examine each of these programs with the view of optimizing both your interests and those for which these missiles were originally intended.

Sincerely,

*Bill*

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*If you have any ideas regarding what action would be most desirable, let me know.*

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THE WHITE HOUSE

WASHINGTON

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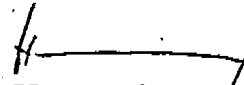
June 11, 1973

Dear Bill,

During our discussion on May 11, which reviewed the results of my Moscow trip, we concluded that a long range air to surface missile program made sense strategically and would help us in SALT. You indicated that you would get a long range ASM program underway within a week. I would appreciate a progress report on the program and its general technical goals, schedule, cost and so on.

Could you provide me with such a report by June 18?

Warm regards,

  
Henry A. Kissinger

Honorable William P. Clements  
Deputy Secretary of Defense  
Washington, D. C. 20301

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General Declassification Schedule

THE WHITE HOUSE  
WASHINGTON

Actw : ODEE

Phil -

I suggest you  
put this into the  
Folder of your  
May 15 memo.

Burt

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MEMORANDUM

NATIONAL SECURITY COUNCIL

URGENT ACTION

June 7, 1973

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MEMORANDUM FOR DR. KISSINGER

FROM: Phil Odeen <sup>w</sup>

SUBJECT: Bomber Armaments and SALT

As you will recall, during your discussion with Bill Clements on May 11, you asked him what options are available to the U.S. in the area of long range air surface missiles. At that time, Clements promised to get a long range ASM program going within the week.

Since the May meeting with Clements, there has been no indication of any new activity within OSD on a long range ASM program. As we predicted the Air Force remains resolutely opposed to any long range air to surface missile program fearing that it undercuts the rationale for the B-1. If the U.S. is to mount a program the White House will have to take an active role.

At Tab A is a short, self-explanatory note to Clements asking him what progress has been made in the past few weeks in getting a long range ASM program started.

RECOMMENDATION

That you sign the attached note to Clements (Tab A).

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