Approved for Release: 2019/07/30 C02384109

3.5(c)
3.3(h)(2)

SENDER WILL CHECK CLASSIFICATION TOP AND BOTTOM

	UNCLASSIFIED		CONFIDENTIAL		SECRET

CENTRAL INTELLIGENCE AGENCY

OFFICIAL ROUTING SLIP

TO	NAME AND ADDRESS	DATE	INITIALS
1	[redacted]		
2			
3			
4			
5			
6			

	ACTION		DIRECT REPLY		PREPARE REPLY
	APPROVAL		DISPATCH		RECOMMENDATION
	COMMENT		FILE		RETURN
	CONCURRENCE		INFORMATION		SIGNATURE

Remarks:

Attached is a paper with answers keyed to the questions in your BOB paper. It is rough but I thought you wouldn't mind having it in this form. If you need anything more, [redacted] let me know before COB 3 July as I will be out from then until 24 July.

[redacted]

FOLD HERE TO RETURN TO SENDER

FROM: NAME, ADDRESS AND PHONE NO.	DATE
C/MB/SOD [redacted] Hqs	6/28/67

	UNCLASSIFIED		CONFIDENTIAL		SECRET

FORM NO. 237 Use previous editions
2-61

(40)

Approved for Release: 2019/07/30 C02384109

Approved for Release: 2019/07/30 C02384109

27 June 1967

1c. The operational requirement for this development program is twofold: 1) Development of a means for covert delivery and recovery of surveillance/reconnaissance equipment, and 2) development of an efficient means of delivery of [redacted]

1d. The DDP.

1e. Program progress has been satisfactory to date and it is anticipated that a limited operational capability will be in hand before the end of calendar 1967.

1f. Currently the surveillance/reconnaissance capability is of higher priority than the [redacted] capability. Both of these capabilities are desired for world-wide contingency purposes.

1g. The Agency has taken the lead in development of this type system. Obviously the capability is desired as soon as possible; however, the current timing of program development is entirely satisfactory.

2e. The estimated operational date for a limited capability is prior to the end of calendar 1967.

2f. The program is phased to initially provide a limited animal capability. Continued development is expected to increase the level of this capability.

2g. Demonstration of the initial limited capability is scheduled during August 1967. Timing for the higher levels of capability is not now firm.

2i. A subsystem of the program which has use in other RD&E programs is [redacted] hardware development.

2k. Future program integration is expected to be similar to that in the past as the program in its entirety is oriented toward the development of a true operational capability; not RD&E for the sake of RD&E.

21. Obviously there are countermeasures which may be taken against both the surveillance/reconnaissance [redacted] phases of this system. Such countermeasures might include (but not necessarily limited to) sonar detection of the presence of the animals, explosive interference with the performance of their mission and undoubtedly others. The point here though, is that there is no existing reliable system to accomplish the aforementioned missions. This animal system appears to offer considerably more ~~than~~ reliability than any of the existing systems.

GROUP 1
Excluded from automatic downgrading and declassification

Approved for Release: 2019/07/30 C02384109

Approved for Release: 2019/07/30 C02384109

3a. In accomplishing the surveillance/reconnaissance mission submarines, aircraft and swimmers can all play a part. A [redacted] might include a surface or submarine vessel (or possibly an aircraft) and swimmers. Again it should be noted that reliability of a swimmer system is relatively low.

3b. Other collection means are not being rejected. However, they are in need of improvement.

3c. Not applicable.

3d. There are no parallel backup or redundant animal programs.

3e. Reduction of funding can be expected to result in delay in successful attainment of each level of capability.

4a. There are no specific targets programmed for the animal capability at this time. However, the boat in use in the RD&E program does have operational usefulness should it be desired and the potential user is now familiarizing personnel in the capabilities of this program.

4b. As currently envisioned an operational program, as it is expected to be demonstrated in August, would cost in the neighborhood of $200,000 a year to maintain. This would include personnel salaries, equipment expenses, training, a prorated share of the costs of the Key West operational base.

4c. There are risks in an operational program of this nature such as animal health problems and less than 100% system reliability. It is felt, however, that these risks are far less than those inherent in any man-swimmer program.

4d. These animals are found in nearly all the oceans and seas. Hence, there are no geographic limitations other than those which would also limit swimmer operations.

4e. Operational limitations are far fewer than those in a swimmer system. On the other hand, policy considerations ~~are~~ will play~~ing~~ a major role in operational activity.

4f. Security problems of an animal system will be far fewer than those of existing swimmer systems.

4g. [redacted]

4h. Processing will depend on the nature of the information collected.

SECRET

Approved for Release: 2019/07/30 C02384109

Approved for Release: 2019/07/30 C02384109

4i. Any analytical requirements again will depend on the type of information collected.

4j. The animal system cannot be necessarily looked at as replacing existing collection programs. In many cases collection through the use of animals cannot be satisfactorily accomplished through other means. On the other hand, there is no intention to create unnecessary redundant capabilities. Therefore, all existing systems will have to be reevaluated as the animal system proves satisfactory.

5a. Coordination between the RD&E programmers and the eventual operators has been complete in every detail. The eventual operators are providing material and operational assistance in all aspects of the program.

5c. Coordination with intelligence producers has been accomplished throughout the RD&E aspects of this program.

5d. The coordinating mechanism within the DDP has been the Maritime Branch of SOD. Coordination within the DDS&T has been accomplished in-house.

6a. Program evaluation in the past has been a dual function of the RD&E programmers of the DDS&T and of MB/SOD of the DDP. This evaluation on the part of MB/SOD has been to assist the program in the context of a swimmer program.

6b. Future evaluation will continue as in the past.

Approved for Release: 2019/07/30 C02384109