



~~Top Secret~~

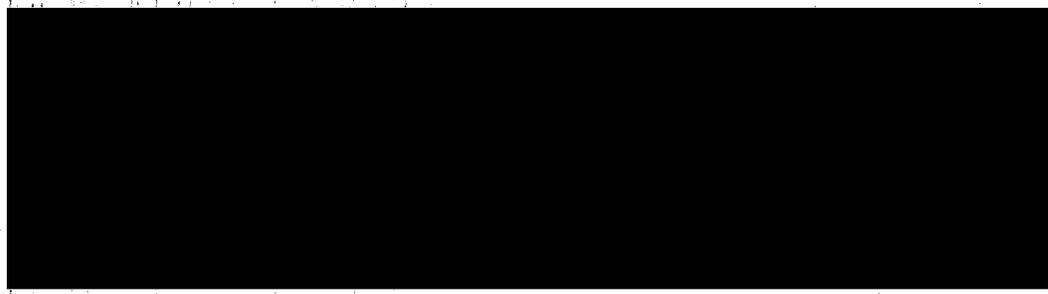
(b)(1)
(b)(3)



DIRECTORATE OF
SCIENCE & TECHNOLOGY



WEEKLY SURVEYOR



~~Top Secret~~



17 June 1968

~~TOP SECRET~~ [REDACTED]

Weekly Surveyor

[REDACTED]
17 June 1968

LIFE SCIENCES

Speculation on Soviet Manned Flight Activity: Several statements with implications for future Soviet manned missions were made by Soviet scientists at the recent COSPAR meeting in Tokyo. One comment was that regenerative life support systems will not come into use by the Soviets for five or possibly ten years. At a meeting on the program for the May 1969 COSPAR Biological Working Group, Grigoriev (Chairman of the group and an increasing prominent Soviet radiobiologist) said in regard to any reporting on human physiology that "there may be a minimum of new data." [REDACTED]

Comment: The information on the Soviet regenerative system is generally consistent with previous estimates. Since the regenerative life support system is considered the pacing item for the very large manned space station, this would mean launch of such a station could not be expected before the mid-1970's or as late as 1978.

The limited amount of physiological space data expected by the Soviets in time for the May 1969 meeting could be interpreted several ways: there will be very limited Soviet manned flight activity, the Soviets will not have a manned space flight for the purpose of collecting biomedical data, or the Soviets will not have time to process, evaluate and release the biomedical data of any manned event before May 1969.

It is too early in the manned space flight season to accurately predict which interpretation is correct, but if there are no Soviet manned flights in 1968 it could mean the Soviets are experiencing problems more serious than previously anticipated. [REDACTED]

~~TOP SECRET~~ [REDACTED]
[REDACTED]