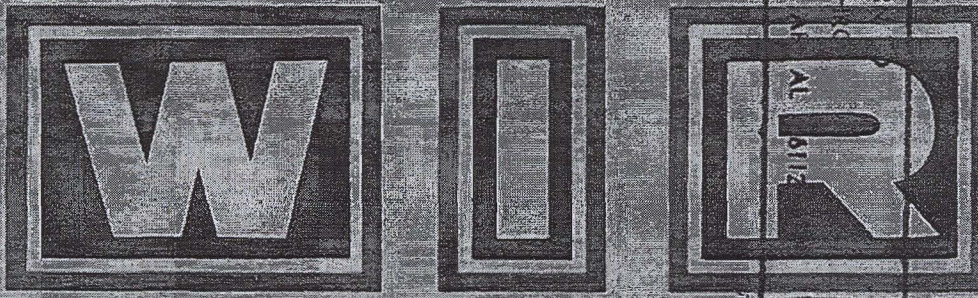




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NORTH AMERICAN AIR DEFENSE COMMAND



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WEEKLY INTELLIGENCE REVIEW (U)

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Weekly
Intelligence
Review

Issue No. 46/65, 12 November 1965

The WIR in Brief

Portion identified as non-responsive to the appeal

Portion identified as non-responsive to the appeal

Space

COSMOS 94 DEORBITED ON SCHEDULE
Normal deorbit for a satellite with a 65 degree inclination
LUNA PROBE NOVEMBER NO
DECEMBER MAYBE
Retrofit or modifications may be causing the delay
COSMOS 95 SCIENTIFIC RESEARCH
SATELLITE LAUNCHED FROM KAPUSTIN
YAR
Latest launches from KY could be test for a new launch system

Portion identified as non-responsive to the appeal

NOTE: Pages 26, 27, 30 and 31 of this issue are blank.

COVER: WHISKEY Class Long Bin Type Cruise Missile Submarine

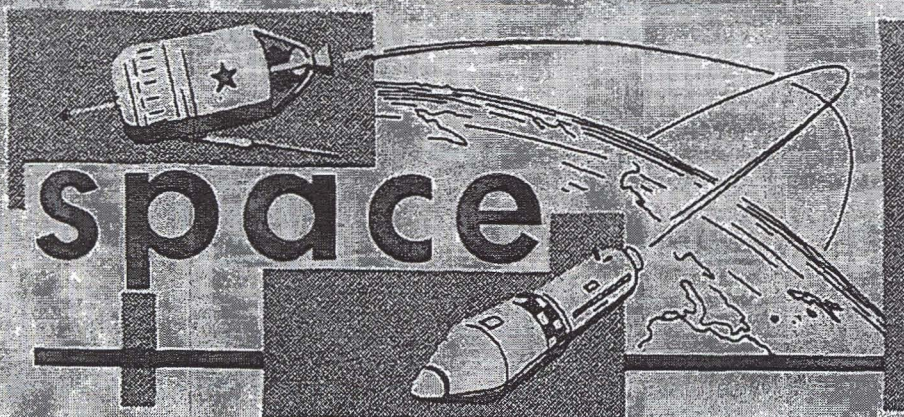
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significant
intelligence
on space
developments
and trends

Cosmos 94 Deorbited on Schedule

Cosmos 94, Sputnik 135, SPADATS object No. 1636, a Soviet 65 degree inclination photoreconnaissance vehicle launched on 28 October 1965 (See WIR 45/65) apparently was deorbited during the early portion of Revolution 128. This vehicle was acquired by Shernya radar on Revolution 127 but not on Revolution 128. Preliminary analysis of radar data from Diyarbakir for Revolution 128 also supports the conclusion that Cosmos 94 was deorbited on Revolution 128. Cosmos 94 crossed the equator at 0628Z, 05 November 1965 at 334.4 degrees west longitude and impact probably occurred fifteen to twenty minutes later. This deorbit operation followed the pattern for the reconnaissance satellites launched on a 65 degree inclination in 1965.

(SPADATS; NORAD)

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Luna Probe November No December Maybe

The expected Soviet Luna probe attempt for the period 3-4 November failed to occur. After three successive failures it appears that the Russian Space team did not wish to court the fourth unsuccessful effort so near to the October Revolution celebration parade. The Soviets may now be involved in a retrofit or modification program aimed at correcting the problems responsible for the prior failures. The lunar window will be open on 2 December, (0738Z launch) and may find the Russians ready for their next soft landing attempt.

(NORAD)

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Cosmos 95 Scientific Research Satellite Launched from Kapustin Yar

Cosmos 95 was launched from Kapustin Yar at approximately 0538Z on 4 November 1965, only 2 1/2 weeks after the launch of Cosmos 93. Based on orbital parameters and payload telemetry, the vehicles appear to be identical scientific type satellites. Cosmos 95 probably weighs on the order of 500 pounds. The reason the Soviets launched Cosmos 95 while Cosmos 93 was still active may be found in the analysis of the launch telemetry which indicates that both vehicles employed highly modified second stages. Therefore, the launch of Cosmos 95 may represent the testing of a new launch system with the actual payload being a secondary consideration.

The orbital parameters as derived from Space Defense Center (SDC) are as follows:

	<u>Cosmos 93</u>	<u>Cosmos 95</u>
Apogee	516 kilometers	499 kilometers
Perigee	213 kilometers	192 kilometers
Period	91.8 minutes	91.4 minutes
Inclination	48.3 degrees	48.4 degrees

50X1 and 3, E.O.13526

Cosmos 95 is the 5th Space vehicle which was launched from the Kapustin Yar Rangehead in 1965, and the 24th orbited from that range since it commenced space operation on 16 March 1962.

(NORAD)

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