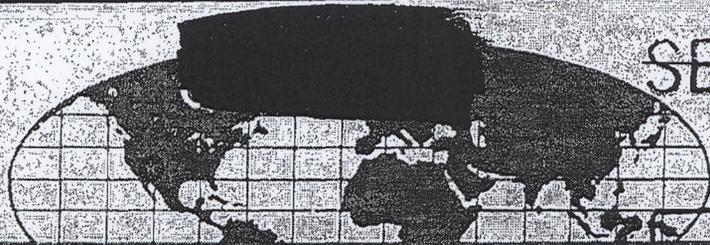


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ISCAP APPEAL NO. 2009-068, document no. 38
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NORTH AMERICAN AIR DEFENSE COMMAND

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WEEKLY INTELLIGENCE REVIEW (U)

INTELLIGENCE

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Weekly
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Issue No. 32/64, 7 August 1964

The WIR in Brief

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MISSILE RANGE FIRING LOG PRESENTED
27 July-4 August.

6

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Space

COSMOS 36 LAUNCHED FROM KAPUSTIN YAR,
PROBABLY NOT RECOVERABLE
15th member of KY Cosmos series.
OVER-ALL SPACE SITUATION REPORT
As of 4 August.

12

13

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14

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16

COVER: Missiles readied for loading aboard Soviet patrol boat (from "Red Star") (OFFICIAL USE ONLY)
NOTE: Pages 28, 29, 32, 33, 36, 37, 40, 41, and 42 of this issue are blank.

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Missile Range Firing Log Presented

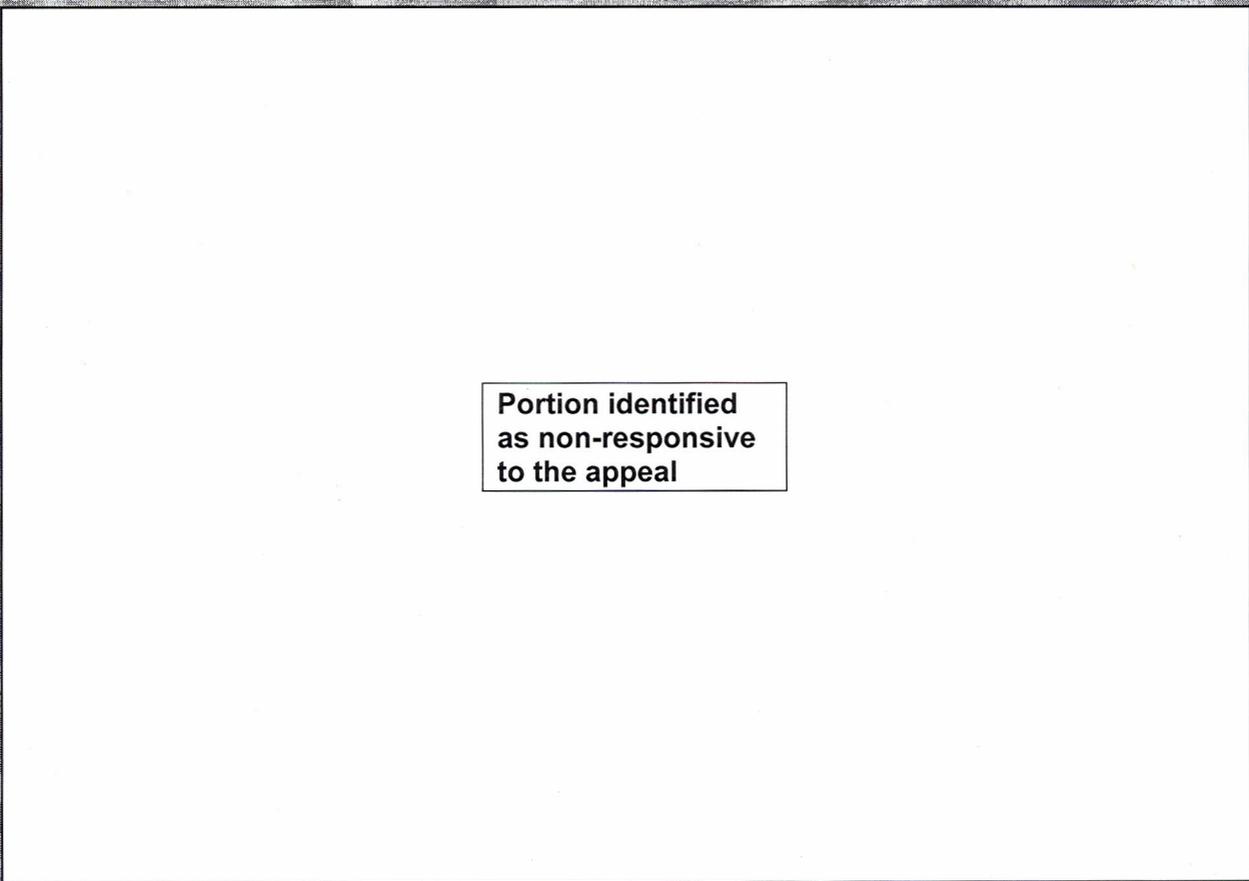
US radar detected the following Soviet missile launches between 2400Z, 27 July and 1200Z, 4 August:

<u>Date & Time</u>	<u>Vehicle</u>	<u>Launch Point</u>	<u>Distance</u>
30 Jul, 0330Z	Cosmos 36*	Tyuratam	Orbital
31 Jul, 0827Z	ICBM (unknown type)	Tyuratam	3400 n.m.
31 Jul, 1502Z	SS-4 MRBM	Kapustin Yar	1050 n.m.
01 Aug, 0614Z	SS-10 ICBM	Tyuratam	3400 n.m.
04 Aug, 0703Z	SS-4 MRBM	Kapustin Yar	1050 n.m.

* Launched by an SS-6 ICBM. See page 12 for details.

Last week's log reported that a 27 July firing involved an ICBM of unknown type. Analysis indicates that this vehicle was an SS-6 ICBM. (Shemya & Diyarbakir RADINT)

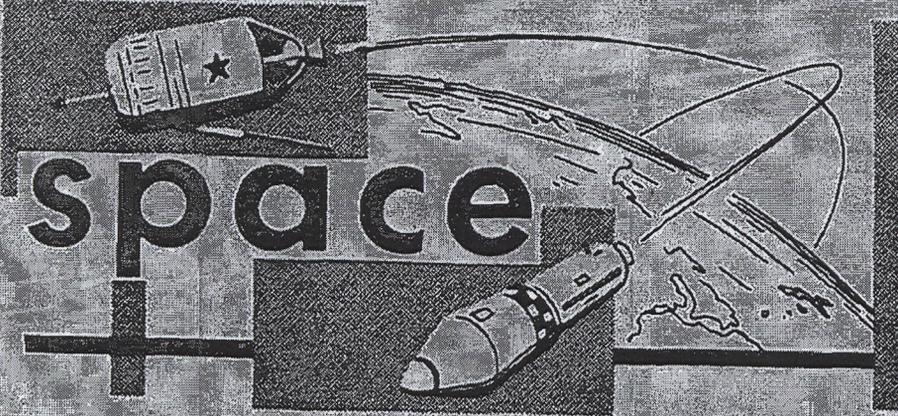
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significant
intelligence
on space
developments
and trends

Tyora Tam
**Cosmos 36 Launched from Kapustin Yar,
Probably Not Recoverable**

The Soviets launched the space vehicle Cosmos 36 from the Kapustin Yar missile test range at about 0330Z, 30 July 1964. This vehicle is believed to be gathering data concerning the near-Earth space environment in support of the over-all Soviet space program. Cosmos 36 is the 15th member of the Cosmos series to be launched from Kapustin Yar, the 4th this year.

The new vehicle is believed to be spin-stabilized; its orbital parameters have been furnished as follows:

	<u>SPADATS</u>	<u>TASS</u>
Inclination to Equator	49 degrees	49 degrees
Period	91.91 minutes	91.9 minutes
Apogee	493.1 kilometers. (265 n.m.)	503 kilometers (271 n.m.)
Perigee	251.5 kilometers (136 n.m.)	259 kilometers (139 n.m.)

50X1 and 3, E.O.13526

(SPADATS, TASS)

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-12-

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Over-all Space Situation Report

The over-all space situation as of 4 August 1964 was as follows, according to NORAD SPADATS:

	<u>USA</u>	<u>UK</u>	<u>Can</u>	<u>USSR</u>	<u>Total</u>
Payloads in Earth orbit	94	2	1	10	107
Payloads in Sun orbit	5			5	10
Payloads in Earth-Moon orbit				1	1
Payloads resting on the Moon	3			1	4
Pieces of debris in Earth orbit	315		2	11	328
Pieces of debris in Sun orbit	5				5
TOTALS	<u>422</u>	<u>2</u>	<u>3</u>	<u>28</u>	<u>455</u>
Objects decayed or de-orbited	197			197	394

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