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17 DEC 1959

MEMORANDUM FOR: Assistant Director for Scientific Intelligence

THROUGH : Acting Chief, Electronics Division/SI

FROM : Chief, Telecommunications Branch, ED/SI

SUBJECT : Article on USSR "Amateur Radio Stations" in
New York Times, 13 December 1959

REFERENCE : Verbal request for information concerning subject,
15 December 1959, from AD/SI to A/Chief, ED/SI

1. The reference requested a rundown on an article appearing in the Sunday edition of the New York Times, 13 December 1959, pertaining to Soviet Amateur Radio Stations.

2. The CIA Scientific Information Report referred to in the New York Times article has been identified as: PB 131891 T-32, Scientific Information Report, 23 October 1959.

3. Attached is a thermofax copy of the Scientific Information Report taken directly from the publication mentioned. Also attached is a clipping of the New York Times article taken directly from the 13 December issue.

4. The CIA Scientific Information Report, published and distributed by the U.S. Department of Commerce, Office of Technical Services, is produced by the Scientific Technical Branch of FDD/CIA and is unclassified and issued semi-monthly. It may be purchased by anyone on an annual subscription or by the single copy.



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Attachments:

1. Thermo copy of report
2. Clipping from New York Times

25 YEAR RE-REVIEW

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PR 131891 T-32

SCIENTIFIC INFO. REPT.

23 OCT 1959

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~~aerodynamic drag, and relatively simple manufacture. The surface wave can be excited preferably by means of a horn radiator at one end of the antenna. Antenna properties are compared for two variations, one with a strictly radial polarization and a second with a strong conical radiation diagram, having a sharp indentation in the direction of the elongated antenna axis. Possible uses of each type and of combinations of the two types are discussed.~~

Communications

47. USSR Aiming at 25,000 Amateur Radio Stations in 1961

"Aiming at 25,000 Amateur Radio Stations" (unsigned article);
Moscow, Radio, No 8, Aug 59, pp 1-2

The article contains the following passages:

"There should be 25,000 Soviet amateur radio stations on the air at the end of 1961. The Volunteer Society for Cooperation With the Army, Air Force, and Navy (VOEAAAF), a patriotic defense organization, is now struggling to fulfill the aims of the resolution of the Fourth Conference. The problem of substantially increasing the number of amateur radio stations today is not merely a sporting effort; it is of great significance to the national economy.

"During the past few years, our radio amateurs have achieved substantial success in their effort to establish 25,000 radio stations. The number of short-wave and ultrashort-wave stations has increased several times in the USSR; tens of thousands of young men and women have fulfilled the norms prescribed by the unified sports classification during participation in various competitions. There are more than 50 radio clubs in the USSR which possess 100 transmitters or more.

"From 1 September 1959 on, the Soviet radio amateurs will operate on somewhat revised frequency ranges: 7 - 7.1, 3.5 - 3.65, 28-29.7, 114-146, and 420-435 Mc. This will require a considerable improvement in the quality of radio station operation. The club councils, the bureaus of short-wave and ultrashort-wave sections should begin a decisive struggle for the maintenance of radio equipment in the best possible conditions. Instability of transmitter frequency, low quality of modulation, the ac background noise, and other defects which interfere with the operation of adjacent stations should be looked upon as an unpermissible occurrence in the air."

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~~Directorate~~

SOVIET PUSHES 'HAMS'

Magazine Reports 50 Radio Clubs, 100 Transmitters

Science Service.

WASHINGTON—If they can crack the language barrier, ham radio operators in the United States may have 25,000 new correspondents by 1961—in the Soviet Union.

Radio, a Soviet magazine published in Moscow, said more than fifty radio clubs in the U. S. S. R. now possess 100 transmitters or more. It said a big push is in progress to reach the avowed goal of 25,000 Russian radio hams by 1961.

The Russian amateurs will operate in the radio frequency ranges of 7—7.1, 3.5—3.65, 28—29.7, 114 — 146 and 420 — 435 megacycles a second, reports the Central Intelligence Agency in a Scientific Information Report circulated here by the Department of Commerce.

NYT - 13 Dec 59
W-86

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Remarks:
 Attached is a rundown on article which you mentioned the Director saw in the NYTimes 13 Dec 59 pertaining to Sov Amateur Radio Stations.

H. SCOVILLE, Jr.

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| Remarks: | | | |
| <p>[Redacted] Per our conversation.</p> <p>I did not have an opportunity to discuss this with Dick Helms.</p> <p>This paper had prompted questions by the Director.</p> | | | |
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| FROM: NAME, ADDRESS AND PHONE NO. | | | DATE |
| [Redacted] Asst to the DCI | | | 12/30/59 |
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