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Chief, FBI

22 April 1948

Acting Chief, FBI

Desirability of Tokyo-Type Operation in Munich

1. In predicting what additional coverage could be obtained in the Munich area with a "Tokyo-type" operation, completely accurate deductions cannot be made without a knowledge of local conditions, particularly as to noise level and antenna space. However, assuming a low noise level and an inconspicuous home-type short wire antenna, the following results are anticipated:

Albania } No additional coverage. Cyprus will have
Bulgaria) these sources covered to best advantage.

Czechoslovakia - Evening broadcasts (regional) from Ceske Budejovice, the South Czech Radio, will probably be monitorable, including the Bulgarian broadcast for Bulgarian workers in the border regions and two regional newscasts. There may be some interference from the more distant but also more powerful French station at Nantes and British Army station at Harford, Germany, which transmit on the same wavelengths.

Evening regional broadcasts from Pilsen of a similar nature should be monitorable with little or no interference, as well as Brno regional broadcasts, including several daytime programs. Some evening regional shows at Moravka Ostrava will be monitorable if interference from two French stations on its channel is not bad.

Additional monitoring of Bratislava and the Slovakian relays would present no problem, but this can also be expanded from Gaverham or the projected station in Cyprus if desirable.

Finland - No additional coverage possible; all Finnish short-wave broadcasts will be audible but are allegedly monitored in London now.

Hungary - No additional coverage.

Poland - Good reception of Cracow's evening regional broadcast is anticipated, also of Breslau's (which, however, is probably monitorable at London); Poznan, Torun, Lodz and Katowice are improbable for reasons of interference, while Danzig and Stettin simply lack the power for monitoring at Munich. A powerful new transmitter is reported under construction for Stettin, from which evening

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Chief, WED

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broadcasts should be monitorable after it is placed in service.

Rumania - No additional coverage (100% coverable from Cyprus).

Yugoslavia - Sporadic evening monitoring of Skoplje, Ljubljana, Osnik, Zagreb and Rijka (Fiume) may be attained, but no consistent results seem probable without a first-class receiving installation.

2. It might be possible to improve results of such a medium-wave operation by disguised antennas. A telephone line running in the proper direction may often be utilized as a long-wire antenna if coupled through the proper condenser. While full Beverage effects are not obtained, substantial increases in the signal strength and span of audible hours, plus some directional effects (depending on the telephone line's course) can be secured. In non-urban locations, good quality Beverage or shorter "long-wires" can be strung inconspicuously on trees. There are numerous possibilities for stringing innocent-looking long-wires in urban centers if noise-predominant sources can be avoided. Such possibilities should be emphasized because two or three good long-wire antennas would significantly add to the coverage of Czechoslovakia, Poland and Yugoslavia mentioned above, as well as introduce improved daytime coverage of the Hungarian Home Service from Budapest.



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