



KGB ID badge. (Courtesy Tom Kneitel)

# Soviet "Mind-Control" Radio

## Secret KGB Experiments Add A New Dimension To Microwaves

BY HARRY CAUL, KIL9XL

**T**he notorious KGB (Komitet Gosudarstvennoy Bezopasnosti, formerly known as the Cheka, NKVD, NKGB, and the MGB), from its inception, has been an organization of awesome power. This one Soviet agency is the equivalent of all of the U.S. Government security and intelligence services combined, including the FBI, CIA, NSA, Secret Service, and State Department Security.

A recent American intelligence report claims that the Soviets, via the efforts of the KGB, have made great strides in mind control weaponry. This is something our government has been watching for quite some time now. The latest report says the "remote monitoring of brain wave activities" could well be why the Soviets have been beaming strange microwave signals at the American Embassy in Moscow for decades.

### **The Nature Of The Signals**

The microwave bombardment was realized in the 1960's and, with the exception of a "silent period" between 1976 and 1979, has continued to the present. These signals are on wavelength between 1 mm. and 50 cm. The level of this radiation has generally been limited to less than 20 microwatts. While this may not appear to be very high, it must be viewed in light of the fact that the established Soviet health threshold is 10 microwatts (this is all still below the U.S. safety standard of 10 milliwatts).

By American standards, these signals are far below the level where there would be any cause for health concern. Indeed, the level of the signals is probably below those en-

countered by some people in the U.S during the normal course of their work. Once this is realized, it is time to speculate upon why our government has been concerned about apparently harmless microwave levels, and why the Soviets are bombarding the Embassy with radiation levels at almost twice the strength they feel are safe.

To be sure, American Embassy personnel in Moscow had been complaining about headaches and other illnesses at about the same time the microwave bombardment started. Our government, on one level, tended to dismiss any connection between the microwaves and the illnesses. On another level, we permitted embassy employees to obtain transfers to other Dept. of State facilities for reasons of health, and some of those employees were also given financial compensation for their health problems.

The microwave bombardment, in the opinion of some observers, was somewhat connected with Soviet attempts to eavesdrop on embassy personnel. This was the concept of our Ambassador although, to be sure, he was a high level diplomat who wasn't especially well-versed in electronics. The technique used for this eavesdropping was explained in the July 1983 *POP'COMM* ("How The Russians Eavesdropped On Our Embassy," by Tom Kneitel). That explanation clearly knocks the Ambassador's theories out of the picture.

*The New York Times* speculated that the microwaves were employed to jam American VHF monitoring equipment tuned in on

the mobile telephone calls of Soviet officials. This theory isn't very convincing.

Basically, the energy levels and frequencies, as well as the signal patterns and regularity of the signals, does not lend strong support to theories that the microwaves have any role in communications jamming or in room bugging.

Assuming that the Soviets were intentionally aiming the microwaves at the embassy and its personnel, the potentials become far more ominous and sophisticated.

### **It's All In The Mind**

As far back as the early 1930's the Soviets were conducting their experiments related to the effects of electromagnetic radiation on living organisms.

In the November 1932 issue of *Radio News*, Vladimir Michinov commented extensively on "the biological and psychological effects of the transmission of high-frequency radio waves that are already known to the physicist, the biochemist, the physician and the psychologist." He discussed experiments with guinea pigs, frogs, and chickens and how they had beamed a signal into a chicken that caused "coagulation of the brain cells."

Michinov went on to note that "ultra short waves are an added danger" because they "are known to have a much more intensive biological action than . . . the . . . wavelengths of the broadcasting bands." (It should be pointed out that Dr. E. F. W. Alexanderson, noted General Electric Company scientist, wrote in the same issue



May 26, 1960: In the United Nations, U.S. Ambassador Henry Cabot Lodge shows a secret listening device the Russians planted in the Great Seal they have our Moscow embassy.



The Taokarev 7.62 mm automatic, an old KGB standby.

ments with microwaves indicate that behavior modification occurs because the blood-brain barrier is changed. Using signals sent through implanted electrodes carrying a 30 microwatt signal, modified behavior was observed in laboratory animals.

Microwaves, being able to excite the brain, have opened the door to experiments related to inserting information into the signals that contain new or modified intelligence or ideas, which cancel out intelligence. There is also the potential for intelligence gathering by means of monitoring brain activity.

While the brain can be affected by microwaves, the brainwaves themselves are low energy signals at extremely low frequencies between 1 and 22 Hz.

So-called Delta waves (1 to 3 Hz) are generated during deep sleep. Theta waves (4 to 7 Hz) relate to mood. Alpha waves (8 to 12 Hz) correlate with a relaxed state, while Beta waves are generated during concentration. Of course, these waves have harmonics at higher frequencies.

Some of the known experiments include one by the Soviets at .01 to 5 Hz, which modified human EEG's. An American researcher supposedly did the same with generating Alpha and Theta waves.

Muscular coordination impulses are in the 20 to 50 Hz range, while the nerve fibers in the brain are resonant at 1 kHz.

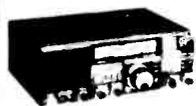
The question is how microwaves of certain frequencies and densities might interact with the human organism, and how they might be used for mind-control, mind-reading, or other exotic purposes. It does seem that they're experimenting with something along these lines deep within the KGB, and our government is aware of the project. The implications are overwhelming. **PC**

that any possible dangers are offset by beneficial uses of X-rays; he did concede, however, that an NBC technician received burns from the ring on his finger while working on a 100 MHz transmitter.)

Soviet researchers of the 1930's discovered that exposure to signals at certain frequencies caused loss of appetite, dizziness, emotional problems, irritability, depression, reduced intellectual capacity, hallucinations, headaches, nervous tension, mood swings, anxiety, loss of appetite, and other symptoms. These are similar to the complaints of the embassy personnel.

As pointed out in the October 1983 *POP COMM* ("Uncle Tommy's Handy Guide To The Death Ray," by Tom Kneitel), the Soviets only recently announced that for the past 20 years they have been using a device known as The Lida. The Soviets describe it as a "distant pulse apparatus" that generates "radio waves that simulate the brain's own electromagnetic current and produce a trance-like state." Citing medical uses for The Lida, the Soviets reported that after only two or three minutes of exposure to signals from the device, a laboratory cat went into a trance-like state and remained oblivious to its surroundings for a full 20 minutes after The Lida was shut down.

Some of the more recent Soviet experi-

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