obtain with it data about air temperature and humidity, wind velocity and direction, snow temperature, depth and density, duration of sunshine, physicomechanical parameters of the snow cover, and time of avalanche occurrence."

Special sensors are installed at hard-to-reach high-altitude locations. The information gathered with them is transmitted automatically via radio communication channels into the computer of the avalanche station. All measurements are made according to a special program, which is entered into a personal computer. The information is processed and transmitted by telephone to the Tashkent Hydrometeorology Center for subsequent analysis and compilation of weather forecasts.

"Ruta" is a new generation of the "TM-910 Lavina" telemetry complex. The complex has proved itself well in the avalanche service, in collecting diverse hydrological information and in the elimination of the consequences of the Chernobyl accident.

The main advantage of "Ruta" is its versatility. The system makes it possible to conduct measurements without human participation in difficult conditions and to obtain information for 3,000 square kilometers.

(Two photographs are given showing V. A. Korobkov and Candidate of Physical-Mathematical Sciences V. V. Ipatov, a representative of the special design bureau "Meteopribor" of the scientific production association "Tayfun" from Obninsk, with weather data; and Petr Lifanov, head of "Dukant," getting "Ruta" ready for operation on a snow-covered slope.)
(SNAP 920521)

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Author: *Kapustin, Sergey*
Title: *PHYSICAL-FIELD THERAPEUTIC DEVICE DEVELOPED AT DEFENSE ENTERPRISE*
Primary Source: *Kuranty, April 28, 1992, No. 82 (347), p. 8, cols. 1-5*

Extract: Professor, Doctor of Medicine Dzhuna (Yevgeniya Yuvashevna Davitashvili) has been the first to report truly sensational news to our newspaper: the U.S. Patent Office has issued her Document No. 5095901 registering a stimulator which bears her name.

"The human biofield is a combination of infrared, microwave and electrostatic fields," Dzhuna explained. "At a Moscow defense enterprise, a device which emits specifically the fields that are characteristic for man was developed for the first time under my direction. Its radiating surface was designed in the shape of a hand. Every radiator on it is connected to a computer, into which a specific program has been entered. What kind [of program]? Changes in the radiation parameters of the fields in my hand during the treatment of particular diseases have been measured, and this is what became the basis of the computer's 'mind.' Thus, when the necessary operating conditions have been specified, the robot extrasensory will in some cases be able to take my place."

(A photograph of Dzhuna is given.)
(SNAP 920521)

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Title: *Yu. B. KOBZAREV (obituary)*
Primary Source: *Moskovskaya pravda, April 29, 1992, No. 83 (171), p. 8, cols. 7-8*

Extract: Yuriy Borisovich Kobzarev, an eminent scientist in the field of radio engineering and radiophysics, died on April 25, 1992, at the age of 86. He was a Hero of Socialist Labor, a laureate of the USSR State Prize and a member of the Russian Academy of Sciences.

The death announcement is made with deep regret by the academy's presidium, its division of general physics and astronomy and its Institute of Radio Engineering and Electronics, and sincere condolences are expressed to the family and friends of the deceased.
(SNAP 920521)

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