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TOP STORY

Tsunami Alarm System over Mobile Phones Realized

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October 7, 2005

In the very near future, travelers will be warned in time of catastrophes, like the tsunami that occurred a year ago in Asia, with a world-wide unique tsunami alarm system for cell phones. In every reachable place in the world, people can receive a message on their mobile phone to alert them to a threat. Travelers and residents only have to register their mobile phone with the Tsunami Alarm System and in the event of an alarm, it will send a message that cannot be ignored.

Tsunamis are caused by the sudden displacement of huge bodies of water. Most tsunamis are the result of earthquakes or seaquakes, or are set off after submarine landslides. The term "tsunami" is Japanese and means "big wave in the harbor". Tsunamis can travel at speeds up to 1000 km/h, or close to 17 kilometers a minute.

The danger exists in many countries, even on European coasts. While children are building sandcastles on the Mediterranean and their parents are basking in the sun, no one thinks of a lethal flood wave. Yet, in the Mediterranean and the Atlantic Ocean, tsunamis are not as rare as many people believe: About 10 per cent of all tsunamis happen in these regions.

Measuring stations all around the world operate day and night to be able to warn people quickly and reliably of tsunamis: Seismic sensors measure the earth tremors. Pressure and velocity sensors in the oceans detect fast changes of water bodies in the sea. Advance warning systems check first alarm signals. Once a threat is detected, subscribers to the Tsunami Alarm System receive a warning on their mobile phones anywhere in the world.

Despite the complex technologies behind the alarm system, it is very easy to use. Coastal residents, tourists, business travelers, employees of companies working in coastal regions can subscribe to the Tsunami alarm system by simply entering the number of their mobile phone on the web site, immediately enabling the alarm system on their phone. Nothing has to be installed or downloaded.

The Tsunami alarm system works wherever the user can connect to a GSM mobile phone network, even in developing countries and in remote areas. The tsunami alarm system uses "Flash SMS" messaging which "pushes" the message onto the front screen of the phone even if it is being used.

The Tsunami alarm system was invented and developed by the German scientists Professor Dr. Eduard Heindl, Heindl Internet AG in Tübingen/Germany and Professor Dr. Wolfram Reiners, 3M Future Ltd, Konstanz/Germany. While the research results have been filed for patent protection in Germany, further patents are in preparation.

An international combination of companies from Germany, South Africa and the Caribbean was formed to be able to offer the high-tech rescue system to the market. Heindl Internet AG has more than ten years of experience in the field of internet technology. 3Mfuture Ltd. is responsible for technological research and research for the alarm logic, the management of a network of sales partners, the co-ordination of the market strategy of the joint venture and deals with payment security. The company is based in Charlestown, Nevis in the Caribbean and has a branch office in Konstanz/Germany. PhiBlue Mobile Ltd. In South Africa is responsible for research into the effective distribution of the alarms.

People can subscribe to the tsunami alarm system on the web site www.tsunami-alarm-system.com. The one-year subscription costs only 29,95 Euro. There is also a monthly subscription for holidaymakers available for the price of 9.95 Euro.

The idea of a tsunami alarm system arose in December 2004 in the aftermath of the devastating destruction of the Tsunami catastrophe in the Indian Ocean. The German professors Eduard Heindl and Wolfram Reiners wanted to use modern information technology to be able to warn people in time in case of similar occurrences, thus being able to better protect human life in the future. To achieve this, many systems must work together. The technical details of the Tsunami alarm system are filed for patent protection at the German patent office. Tsunami Alarm System is a joint venture between 3MFuture Ltd., Heindl Internet AG and PhiBlue Mobile Ltd., under the presidency of Wolfram Reiners und Eduard Heindl

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