



Erupting Shinmoedake and Scene of Radiosonde Observation

Meisei Electric's Radiosonde for Observation of the Eruption of Mt. Shinmoedake Volcano (Kyushu) !

Meisei Electric was cosigned by NIED (National Research Institute for Earth Science and Disaster Prevention) to carry out "Eruption Observation by Radiosonde" with emergency measures for the currently erupting Kirishima range Mt Shinmoedake volcano.

This observation uses weather sonde, HYVIS (Hydrometeor Video Sonde) and aerosol sonde to acquire basic data of smoke situation and fall of ash simulation. Here in Japan the atmospheric observation data has not been acquired directly in the erupting volcano so far. It seems that such observation helps future disaster prevention measures by grasping the flow of smoke and the ejection.

The NIED has disclosed the result of observation through their WEB site <http://www.bosai.go.jp/volcano/kirishima/index.html>. For further study and deployment they will collaborate with both Fukuoka University and Tohoku University.

The radiosonde technology developed by Meisei Electric is also of great contribution to prevention measures for volcanic disaster.



Scene of Radiosonde Observation in Yellowknife, Canada

At TBS Program "Science TV Jump Out !" Photography of Aurora Successfully Taken from the Stratosphere by GPS Radiosonde !

At TV program by TBS, "Science TV Jump Out!" (Tobidase! Kagaku-Kun), Meisei Electric has collaborated with them to take photography of aurora from the stratosphere and it was broadcasted as a successful image for the first time in the world on March 26 (Saturday).

Meisei Electric-make high vision camera was mounted on the GPS radiosonde and photographed aurora while being lifted by balloon, and the fallen radiosonde was finally found and successfully collected by positioning information of the GPS. These tasks were carried out with successful performance of Meisei Electric products under minus 40 degrees C of severe conditions at Yellowknife, Canada for from February 14 through February 23.

In the broadcasting, Meisei Electric was introduced as a manufacturer in charge of high vision camera of moon orbiting satellite "KAGUYA" and its advanced technology was newly certified through the successful photography in severely cold Canada.



Iwasaki Exhibition Hall and Meisei Electric Booth (right)

Earthquake Disaster Prevention Equipment and Water Level Observation System at the Exhibition of Iwasaki Co. (Hokkaido) !

On April 14 and 15, the General Exhibition called "Iwasaki Total Solution Fair 2011" sponsored by Iwasaki Co., a distributor in Hokkaido was in Sapporo, in which Meisei Electric participated.

It is the 44th exhibition under the theme of "Mission (Stage 1) for Infrastructure Pavement by the Use of Measurement Technology and ICT (Information and Communication Technology)" covering Iwasaki's 5 segments of business field. At Meisei Electric booth, one of the exhibition zone "Stage for Environment and Disaster Prevention, we exhibited "Seismic Intensity Meter (S210)" released in 2010, "QCAST® Alert Unit", "Crystal Hydrograph" and "Demodulator (QWP-DP1A)" drawing visitors' attention. The seismic intensity meter and crystal hydrograph are being made use for the purpose of the security management for earthquake and accurate water level control at many dams in Hokkaido.

FROM UNDERWATER TO OUTERSPACE

Meisei Electric aims at the "World's Total Solutions Provider" covering from underwater toouterspace under the theme of "Contributing towards Human and Social Rich Environment" by the full use of advanced technology.