FROM UNDERWATER TO OUTERSPACE MEISEI

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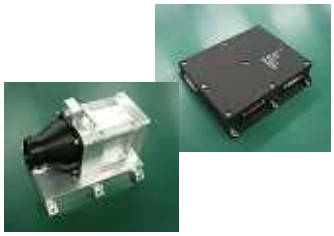
meisei topics

For your guidance about Meisei electric's activities

Observation by GPS Sounding system

Yamaguchi University Faculty of Agriculture Installed GPS Sounding System !

At Yamaguchi University faculty of agriculture, 2 themes are taken up for direct observation study and local weather environment evaluation study of the raifall particle in the cloud for heavy rain and snowfall mechanism elucidation.
For local weather environment evaluation study, Meisei Electric's "RD -08A GPS sounding system" was selected and installed.
The "RS - 06G type radiosonde" to be used is equipped with GPS receiver other than temperature and humidity sensor, and can transmit temperature/humidity data and three-dimensional positioning information data to the ground with the GPS.
This transmission signal can observe very precisely the vertical distribution of temperature, humidity, direction and velocity of the wind up to the altitude of around 30km by performing reception demodulation and data process by the ground reception system.
Meisei Electric's technology is of effectiveness for environmental evaluation study as well.



"AKATSUKI" On-Board Sensor and Electronics Box of Lightning and Airglow Camera (LAC)

Meisei Electric's Lightning and Airglow Camera on Venus Climate Orbiter "AKATSUKI" (PLANET-C)

The H2A rocket No. 17, which carries Venus Climate Orbiter "AKATSUKI" (PLANET-C), was launched from the Tanegashima Space Center at 6:58 on May 21, 2010.
The H2A rocket had flied normally and about 27 minutes later after the launch it separated "AKATSUKI".
The "AKATSUKI" a world's first planet climate orbiter aiming at mainly elucidating the mechanism of the atmosphere flow of the Venus.
Meisei Electric has been in charge of development in the lightning and airglow camera (LAC) out of the on-board 6 observing instruments. This was developed for observing use of the airglow, which is the electric discharge situation of the lightning of the Venus and light phenomenon of the upper atmosphere.
Meisei Electric's technology is made use of for the exploration of a planet called twins star of the earth in the distance of the solar system.

Announcement of Exhibited Technology and the Booth

JL Display Processing Device and QCAST® Series Announced as Disaster Prevention Technology

This was presented at the exhibition hall of MLIT (Ministry of Land, Infrastructure, Transportation and Tourism) in Matsudo City, Chiba Prefecture accompanied with both exhibition and engineering explanation on May 26 and 27.
Since November 2009 Meisei Electric has been exhibiting JL Display Processing Device S713−FC1 and QCAST® Alert Systems S704−FC2 and S740 there.
The exhibition and the engineering presentation intended for construction engineers or governmental people concerned. It was summarized for the practical use example of the system with the exhibition as IT and disaster prevention technologies.
Meisei Electric will continue to provide information positively to be able to assist such disaster prevention technical application method required for social infrastructure and project.

MLIT's HP available in Japanese:
http://www.ktr.mlit.go.jp/kangi/kengaku/techno-kan/index.htm

FROM UNDERWATER TO OUTERSPACE

Meisei Electric is the worldwide general environmental observation systems manufacturer aiming at the future enrichment of the mankind and the socienty under the theme of "From Underwater to Outerspace" by the full use of its advanced technology.

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