



Picture of Small Satellites Taken by "IBUKI" (Photography by Meisei Electric-make Monitor Camera (Presented by JAXA))

## Launch of "IBUKI" Succeeded ! Photograph of Separation was Taken for Small Satellites !!

The JAXA and MHI succeeded in the launch of HIIA No.15 carrying Greenhouse Gas Observation Satellite "IBUKI" (GOSAT) from the Tanegashima Island Space Center at 12:54 on January 23.

The "IBUKI" is the world's first man-made satellite which observes greenhouse gas (carbon dioxide, methane, etc) of the whole earth from the space to push forward global warming measures further.

Meisei Electric is in charge of technical data acquisition equipment (light particle telescope and heavy telescope) and monitor camera. One of 8 monitor cameras installed stand to carry a role to identify a place of the earth which a sensor observing greenhouse gas faces. The image, which captured the satellites separation of the rocket clearly backed by the earth disclosed the other day, was photographed with Meisei Electric's monitor camera. (cf. the image left-hand) In the HIIA No.15, 7 small satellites including "Small Demonstration Satellite-1" (SDS -1) were boarded together, which Meisei Electric's technology is also contributed to.



Map of Bunkyo Ward, Disaster Prevention Character and Seismic Intensity Meter

## Meisei Electric Grasped an Order of "Earthquake Alert System" from Bunkyo Ward (Tokyo) !

Meisei Electric has received an order from Bunkyo Ward (Tokyo) on "Earthquake Alert System", where its sales division is located.

The introduction purpose of this system is to indicate and announce the earthquake data observed at the time of earthquake outbreak immediately, and to record automatically and transmit it to the Tokyo Disaster Prevention Information. The seismic intensity meters are installed to measure the earthquake precisely in the suitable places in the ward, the data of which is transmitted to the Bunkyo Ward (Bunkyo Civic Center) instantly. In the case of the intensity 5 more of major earthquake, it is announced automatically towards the inhabitants by outdoor speakers of the disaster prevention administration radio located in Bunkyo Ward. Further study is being made for the enlargement of disaster prevention information system for the security of the inhabitants in Bunkyo Ward.

Meisei Electric contributes to Bunkyo Ward's aim "Bunkyo, Security and Safety Development" for the activity of disaster decrease.



Poster of the New Year's fire Review

## Meisei Electric's QCAST Alert System S740 at the New Year's Fire Review in Tokyo !

"Tokyo New Year's Fire Review" of Metropolitan Fire Department sponsorship, which became very common on the New Year, was held on January 6 and exhibited Meisei Electric's QCAST® series S740.

The origin of the New Year's Fire Review has been retroactively inherited from Edo era 1695 approximately 350 years ago. Since then it has encouraged the citizens very much for the hope and the reliability in the future.

For the emergency earthquake information system of Tokyo Fire Department, the QCAST® alert unit was selected and it is now exhibited at the New Year's Fire Review.

The S740 was exhibited and demonstrated in the corner especially established for visitors' better understanding on disaster prevention that day.

In the meanwhile, it is scheduled to be exhibited at The Technology Against Earthquake Expo in Yokohama Pacifico on February 5 and 6. It is recommendable for you to visit and see S740 if available during the period.

## FROM UNDERWATER TO OUTERSPACE

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