



Overboard Experiment Platform
Taken from Spaceshuttle (Source:
JAXA)

Meisei Electric's Observation Equipment Successfully Started Operation as "Space Astronomical Observatory" on ISS JEM "Kibo" !

The operation of "SEDA" (Space Environment Data Acquisition Equipment) and "MAXI" (Monitor of All-sky X-ray Image), which were on ISS JEM (Japanese Experiment Module) "Kibo", started from August. The 2 observation equipment are installed in the overboard experiment platform attached by an astronaut Koichi Wakata. This officially started after longer than 10-year developing period together with JAXA and other institutes.

The SEDA is comprised of the observation equipment such as neutron sensor to measure various space environment affecting human body and satellite. Also, the MAXI is an equipment consisting of plural special cameras taking X-rays, which are not available on the earth. It has a system transmitting the astronomy phenomenon to the observation center, which was not observed on the earth, just after an appearance in real time and succeeded in photographing a first light image with good start as "a space astronomical observatory".



AWS (Automatic Weather System)

Meisei Electric's Meteorological and Disaster Information Network Completed in Sri Lanka !

Meisei Electric completed the works of "Sri Lanka Meteorological and Disaster Information Network" granted to Sri Lanka by the ODA (Official Development Assistance) of Japanese Government in July.

The area facing the Indian Ocean suffered serious damage by the Sumatra offing earthquake in December, 2004 and therefore Sri Lanka government performed this system to strengthen the preparation for the disaster management.

The systems are located at 20 sites of main observatories and 18 sites of subobservatories consisting of 1) automatic observation systems, 2) satellite communication systems to transmit observation data to HQ automatically and 3) center control systems for collection, edition and analysis of observation data. This enables Sri Lanka DOM (Department of Meteorology) not only to collect weather information in real time but also to release promptly weather alert for drastic change of weather.

Meisei electric will make the efforts to obtain orders while disasters by the abnormal weather continue in many parts of the world.



Large-sized Balloon for Radiosonde
and Sonde

Tanzawa Area Sky Atmosphere Observation by Kanagawa Prefecture Natural Environment Preservation Center Started !

Meisei Electric-make GPS rawinsonde and ozonesonde were adopted to observe sky atmosphere by Kanagawa Prefecture Natural Environment Preservation Center.

This investigation is a field work to verify the ozone change of Tanzawa as a part of "investigation and study on atmosphere environment in Tanzawa and surrounding area", which is jointly carried out with Professor Shinji Wakamatsu of Ehime University for the purpose of elucidating the natural environmental preservation of Tanzawa, especially causes of the beech forest decline in particular from outskirts climate.

The ozone concentration measurement above the ground was carried out with the upper air atmosphere observation using the radiosonde in August.

Meisei Electric's radiosonde is activated not only for the upper air atmosphere observation but also for the preservation of our natural surroundings.

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.