



“KOUNOTORI 3” Onboard H- II B Launch Vehicle [JAXA]

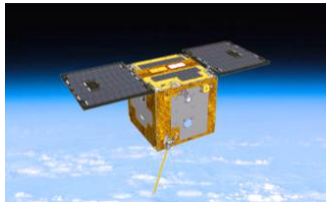
Congratulations ! “KOUNOTORI 3” Onboard H- II B Launch Vehicle No.3 Successfully Launched !

At 11:06 a.m. on the 21st July, 2012 (Saturday) the “KOUNOTORI 3” (HTV 3, a cargo transfer vehicle to the ISS) was successfully launched by H- II B Launch Vehicle No. 3 from the Tanegashima Island Space Center.

The H- II B carries Meisei Electric-developed and –manufactured 2 units of camera and PCE (Processing Compression Equipment). Also the HTV3 carries a cubesat named “WE WISH” as well as AQH (Aquatic Habitat). The MCE (Multi-mission Consolidated Equipment) carried by HTV3 carries IMAP (Ionosphere, Mesosphere, Upper Atmosphere and Plasmasphere Mapping), GLIMS (Global Lightning and Sprite Measurement Mission), HDTV (High Definition TV), GPSR (GPS Receiver) and QCM (Quartz Cristal Microbalance), which we Meisei Electric developed and manufactured.

The “KOUNOTORI 3” will approach to and berth at the ISS. For the details please see JAXA Web site as follows.

http://www.jaxa.jp/countdown/h2bf3/overview/payload_j.html



An Image of SDS-4 in Operation [JAXA]

“SDS-4” Completed 1st Phase and in Successful Operation !

At 1:39 a.m. on the 18th May, 2012 (Friday) Japan time, the SDS-4 (Small Demonstration Satellite), a piggy-back satellite was launch together with “SHIZUKU” (GCOM-W1), a large-sized water cycle change observatiWhen refeon satellite and now successfully on the earth circular orbit .

Meisei Electric developed and manufactured QCM (Quartz Crystal Microbalance), S-band Transmitter, Body Structure, Magnetic Torques Actuator, GPS Receiver, Magnetic Sensor, Attitude Control Interface for the SDS-4. When referring to JAXA Web site, you will see both QCM and S-band Transmitter being operated successfully.

<http://www.ard.jaxa.jp/research/jissyousds4/sds4-report.html>

Meisei Electric-make instruments are playing important roles in the fields of the Space.



Meisei Electric Folks at NASA MSFC (left and right) [NASA]

Meisei Electric-make Dual Ion Spectrometer (MMS Mission FPI Project) on NASA Web Site

We would like to draw your attention to NASA Web site, wherein you will see our colleagues working on DIS (Dual Ion Spectrometer) for MMS (Magnetospheric Multiscale) mission FPI (Fast Plasma Investigation) project.

The DIS's were developed, manufactured and built by Meisei Electric in collaboration with NASA, JAXA, SwRI (Southwest Research Institute, TEXAS) and IRAP (Research Institute in Astrophysics and Planetology , France). We will deliver 16 units of DIS to SwRI this year.

For the details please see NASA Web Site as follows:

http://www.nasa.gov/mission_pages/sunearth/news/mms-collaborates.html

FROM UNDERWATER TO OUTERSPACE

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