

Kibo Exposed Facility Second Phase Utilization Plan

Hirohisa Oda[1]

[1] JAXA

1. Kibo Exposed Facility First Phase Utilization

3 missions are under development for Kibo Exposed Facility(EF)first phase utilization. These 3 missions are

(1) Research on Long-and Short-Term Variations of All Sky X-ray Sources(MAXI)

(2) Experimental Observation of Atmosphere Using SMILES (SMILES)

(3) Monitoring the Space Environment and Research on its Effects on Parts & Materials (SEDA-AP)

These missions are planned to be launched in FY 2008, 2009.

2. Kibo Exposed Facility Second Phase Utilization Plan

JAXA prepare for Kibo Exposed Facility second phase utilization plan.

2.1. Announce of Opportunity

JAXA issued announce of opportunity (AO) for second phase utilization on November 2006.

2.2. Candidate missions

AO closed on February 2007. There were 33 applications for this AO. Selection was conducted by Kibo utilization committee on May 2007.

3. Future work

Conceptual design studies are conducting for above candidate missions by each organization and JAXA.

The port shared utilization type is planed to be launched in FY 2011. The port shared utilization type is planned to pass into development phase in FY 2008.

The port occupy utilization type is planed to be launched in FY 2013. The port occupy utilization type is planned to pass into development phase in FY 2009.