JAXA Payload Program Status

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Payload Operations Integration Working Group #39
Jan 26-28, 2016

JAXA
Explore to Realize

Contents

- Top news
- Increment Lead
- JEM Configuration (JPM/JEF)
- JEM Robotics and JEM Airlock
- JEM Robotics/Airlock Schedule
- JAXA Philosophy

Top NEWS

- ***On Dec.22, 2014, the Government of Japan and the Government of the United States of America announced the establishment of a new Partnership Program for cooperation regarding the operation of the ISS through at least 2024.***

Increment Lead

J-Flight

Inc 47: Takayoshi Nishikawa

Inc 48: Yurika Nakano

Inc47/48 Backup: Miki Hirai

Program

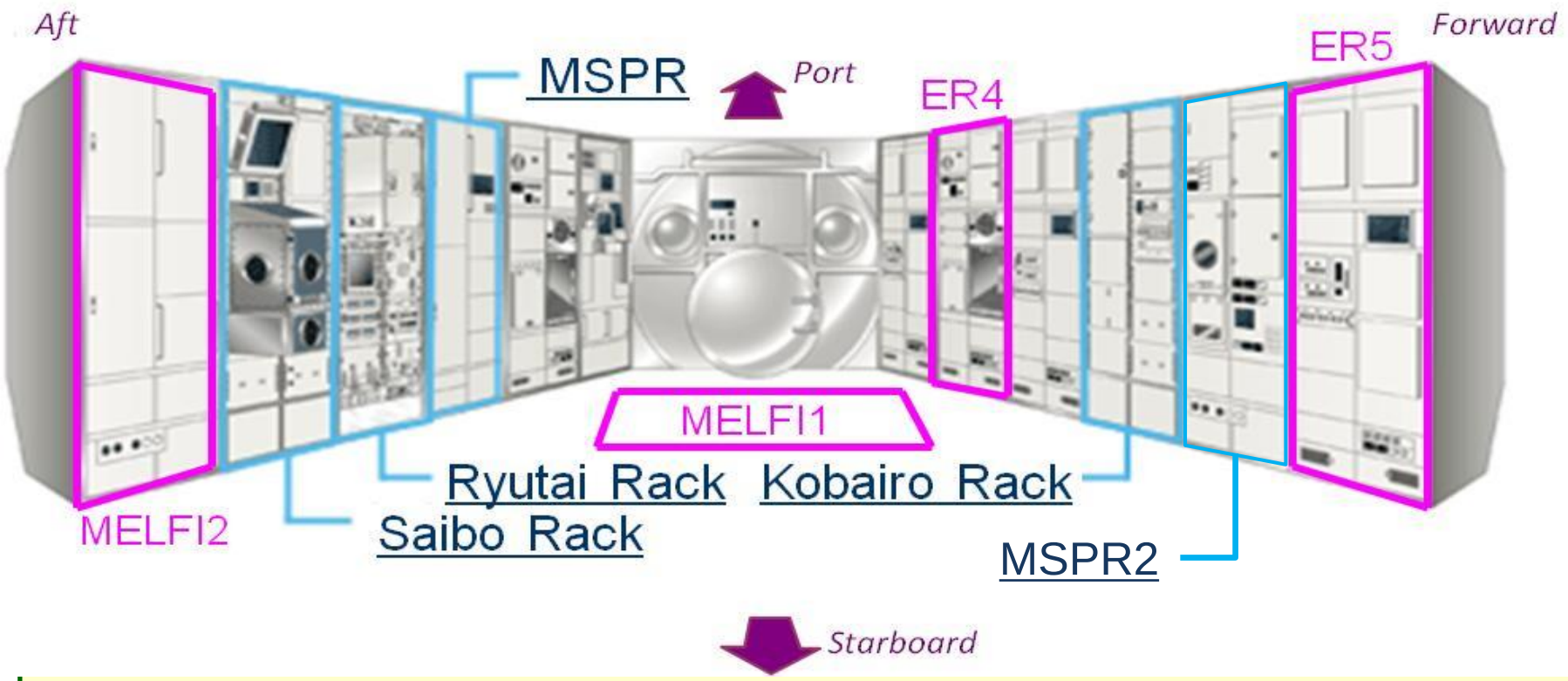
Inc 47/48 Increment Manager: Hideo Bito

Inc 47/48 OMT: Takayuki Nomura / Eiko Wada

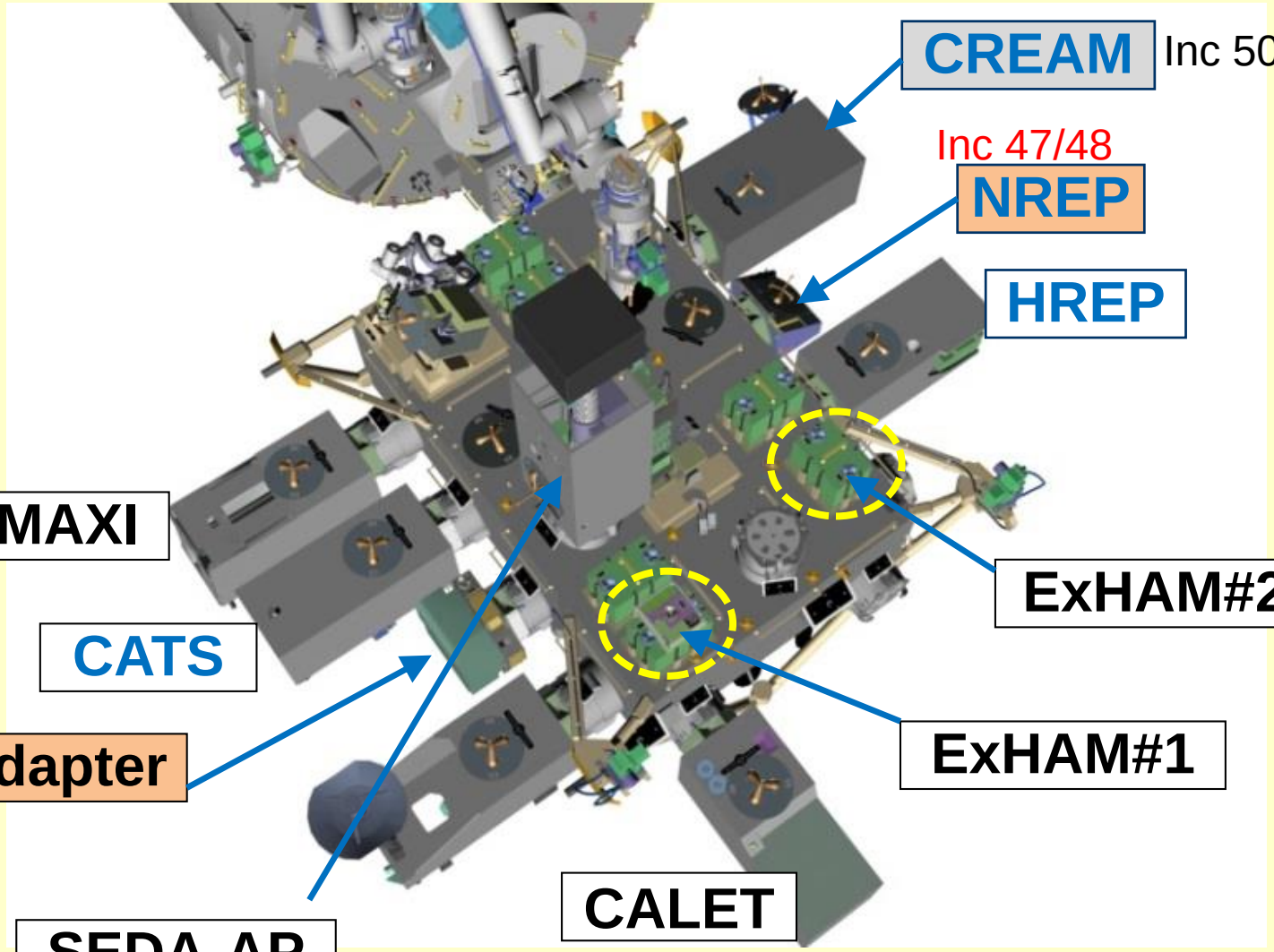
Payload(Triad)

Inc 47/48 IPM (Increment PL Manager): Tsukasa Uekawa / Tooru Mori
Inc 47/48 IS (Increment Scientist): Akane Yumoto
Inc 47/48 JEM PAYLOADS: Yusuke Ohkawa / (TBD)

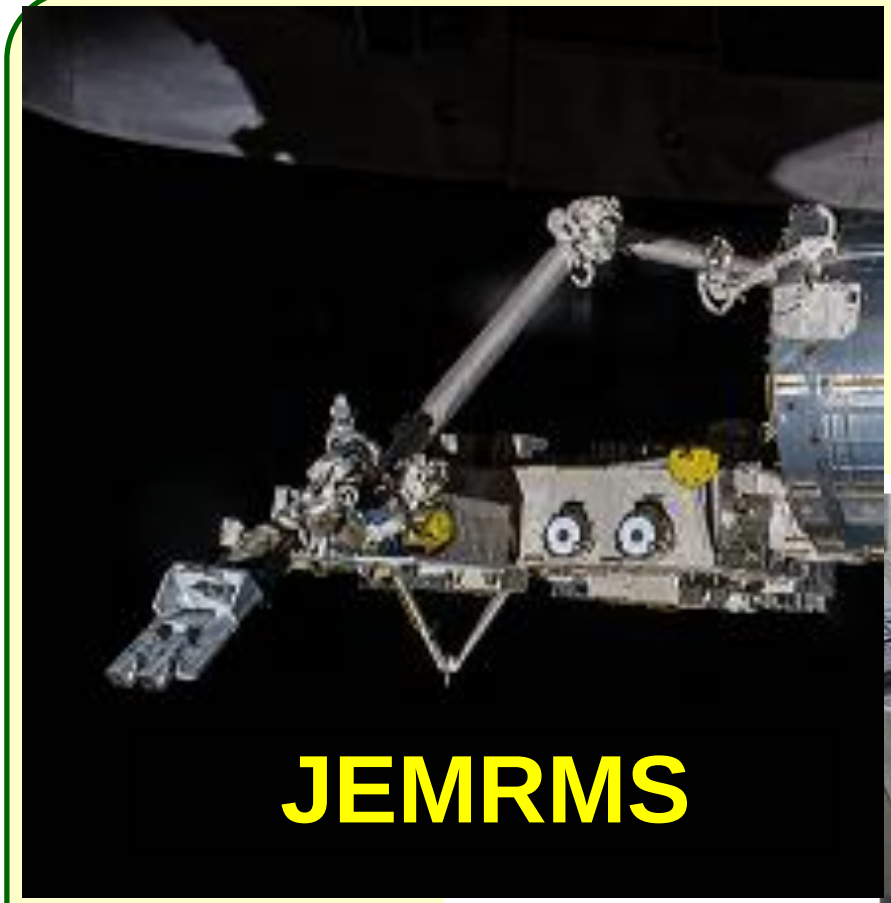
JEM Configuration (JPM)



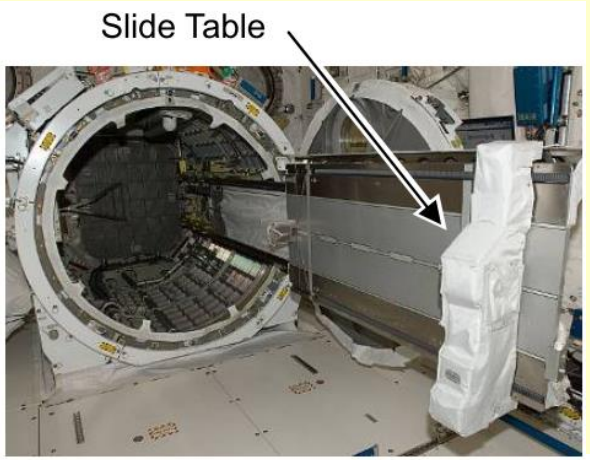
JEM Configuration (JEF)

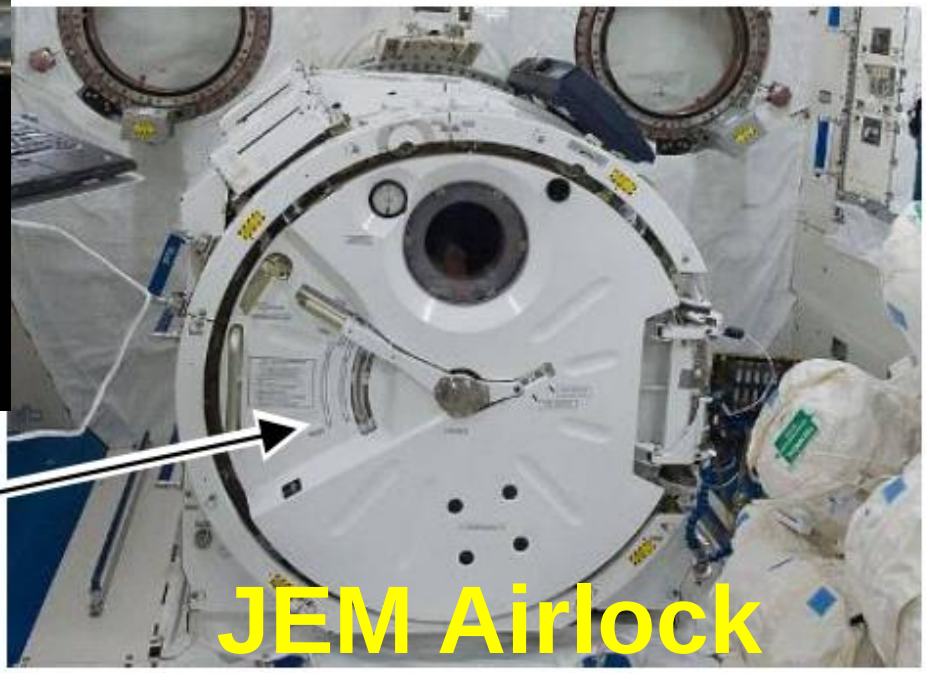


JEM Robotics & JEM Airlock



JEMRMS

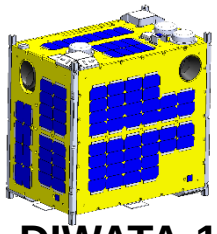




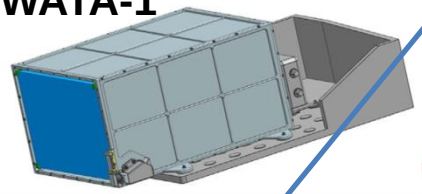
JEM Airlock

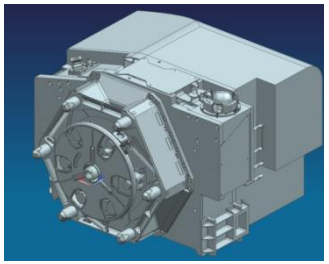
JEM Robotics & JEM Airlock Schedule

Inc. 47			Inc. 48				Inc. 49
3	4	5	6	7	8	9	10



DIWATA-1





J-SSOD #M1

EFU Adaptor

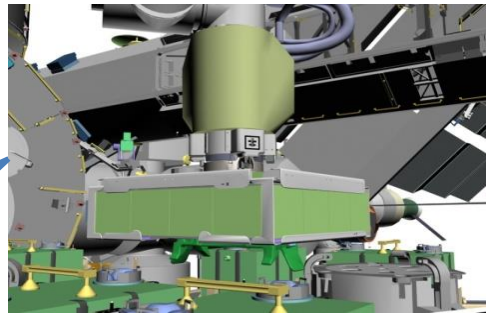
ExHAM#1-1

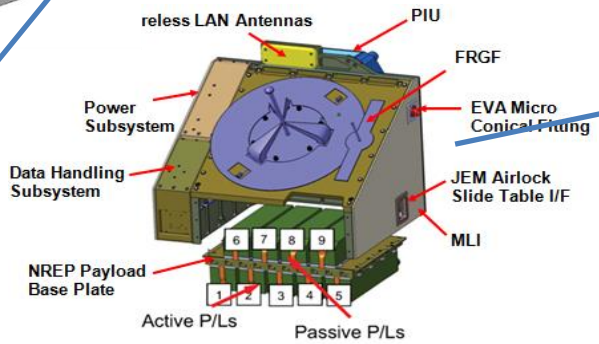
ExHAM#1-2

NREP

NRCSD

J-SSOD#5





J-SSOD#M1: JEM Small Satellite Orbital Deployer # Microsat

ExHAM: Exposed Experiment Handrail Attachment Mechanism

KABER/KE2M

JAXA philosophy

- ***JAXA has created Key Message and selected Prioritized experiment campaign in each Increment since Inc 45/46.***

Inc47/48 Key Message

- **Continuous and stable operations in the new stage of Kibo Utilization**

  ~ Usability improvement with variation of exposed payload size and more frequent opportunities of pressurized experiment ~

JAXA Philosophy

Inc47/48 Prioritized experiment

- Small animal habitat unit: 12 Mice breeding on orbit for 30 days, and recovery alive
- Low temperature protein crystallization: protein crystallization at 4 deg C and sample return
- ELF (Electrostatic Levitation Furnace): commissioning and initial sample return
- 50kg class satellite deployer, EFU Adaptor: Philippine Sat. deploy

Through the "Kibo"(JEM) utilizations, JAXA will responsibly produce outcome commensurate with the extended operations..

Thank you.