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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

<table>
<thead>
<tr>
<th>Inc 47: Takayoshi Nishikawa</th>
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<tr>
<td>Inc 48: Yurika Nakano</td>
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<td>Inc 47/48 Backup: Miki Hirai</td>
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### Program

<table>
<thead>
<tr>
<th>Inc 47/48 Increment Manager: Hideo Bito</th>
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<td>Inc 47/48 OMT: Takayuki Nomura / Eiko Wada</td>
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### Payload (Triad)

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<tr>
<th>Inc 47/48 IPM (Increment PL Manager): Tsukasa Uekawa / Tooru Mori</th>
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<td>Inc 47/48 IS (Increment Scientist): Akane Yumoto</td>
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<tr>
<td>Inc 47/48 JEM PAYLOADS: Yusuke Ohkawa / (TBD)</td>
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JEM Configuration (JEF)

- MAXI
- CATS
- EFU Adapter
- SEDA-AP
- CALET
- CREAM
- NREP
- HREP
- ExHAM#1
- ExHAM#2
- Inc 47/48
- Inc 50~
JEM Robotics & JEM Airlock

JEMRMS

Inner Hatch

Slide Table

JEM Airlock
## JEM Robotics & JEM Airlock Schedule

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<th>Inc. 47</th>
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- **J-SSOD#M1**: JEM Small Satellite Orbital Deployer # Microsat
- **ExHAM**: Exposed Experiment Handrail Attachment Mechanism
- **DIWATA-1**: DIWATA-1 Instrumentation and Experiment Deployer
- **EFU Adaptor**: EFU Adaptor
- **ExHAM#1-1**: ExHAM#1-1 Experiment Module
- **ExHAM#1-2**: ExHAM#1-2 Experiment Module
- **NREP**: NREP Payload Experiment
- **NRCSD**: NRCSD Payload Experiment
- **J-SSOD#5**: J-SSOD#5 Experiment Module
- **KABER/KE2M**: KABER/KE2M Payload Experiment
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 ~
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.