**Color Code:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | System Racks |  |  | NASA Science Payload |
|  | ECLSS (live support) |  |  | International Partner Payload |
|  | Crew Support Equipment |  |  | NASA Stowage |
|  | MELFI(Frezer |  |  | IP Stowage |
|  | Empty location/ Hard Dummy Panel |  |  |  |

**Rack Information**

|  |  |  |  |
| --- | --- | --- | --- |
| Abbreviation | **Description (comments)** | **Type** | |
| ACLS | Advanced Closed Loop System |  | |
| ARS | Air Revitalization System |  | |
| Bio Lab | European Biology laboratory |  | |
| CHeCS | Crew Health Care System (also LAB D5&D6) |  | |
| CIR | Combustion Integration Rack |  | |
| CQ-# | Crew Quarters |  | |
| DDCU | Direct Current-to-Direct Current Converter Unit |  | |
| DMS-1 | Data Managment System (kibo) |  | |
| ECLSS/ TCS-# | Environmental Control and Life Support System/ Temperature Control System (kibo) |  | |
| EDR | European Drawer Rack |  | |
| EPM | European Physiology Module |  | |
| EPS-# | Electrical Power Supply (kibo) |  | |
| ER-# | ExPRESS Rack |  | |
| ETC | European transportation carrier |  | |
| FIR | Fluids Integration Rack |  | |
| FSL | Fluid Science Laboratory |  | |
| Galley | Galley Rack (with dining table & Zero-G stowage) |  |  |
| HRF-# | Human Research Facility |  | |
| HDP | Hard Dummy Panel |  | |
| ICS/PROX | Inter-orbit Communication System/ Proximity (HTV control) |  | |
| JRSR# | JEM Resupply Stowage Rack |  | |
| KOBAIRO | (Gradient heating furnace) |  | |
| MAR-ES | Muscle Atrophy Research and Exercise System |  |  |
| MELFI-# | Minus Eighty Degree Freezer |  | |
| MSG | Microgravity Science Glovebox |  | |
| MSPR-# | Multi-Purpose Small payload Rack |  | |
| MSRR-1 | Materials Science Research Rack |  |  |
| MSS/AV | Mobile Servicing System/ Avionics |  | |
| OSG | Oxygen Generating System |  | |
| R2 stow | Robonout stowage |  |  |
| RMS | Remote Manipulator System (Japanese robot arm) |  | |
| RSR | Resupply stowage Rack |  | |
| RSR | Resupply Stowage Rack |  | |
| RYUTAI | (Christal Growth) |  | |
| SAIBO | (Biological research) |  | |
| T2 | Treadmill-2 Colbert |  | |
| TCS | Thermal Control System |  | |
| WHC | Waste and Hygiene Compartment |  | |
| WOLF | Window Observational Research Facility |  | |
| WRS-# | Water Recovery System |  | |
| WSS | Water Stowage System |  | |
| W/S | Work Station Rack (kibo) |  | |
| ZSR | Zero-G Stowage Rack (Front frame+ fabric) |  | |