

# KSC ISS Logistics Support



Joe Tellado/NASA-KSC Logistics  
Multilateral L&MCP  
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# KSC ISS Logistics Tasks

- Logistics Host Role services for ISS Missions
  - Support HTV/ATV/Russian mission processing for manifested items
  - Commercial Re-Supply Services (CRS) Launches
    - ❖ SpaceX (KSC)
    - ❖ Orbital Sciences (Wallops Va)
  - Utilization & Life Sciences
- Maintain and manage the ISS inventory per Program requirements.
- Continue to support OEM Closeout on as-directed basis, based on extension of OEMs due to ISS Life Extension.
- Continue the disposition of hardware that is not needed for the ISS Program or any follow on programs
- Continue to provide Depot support to ISS Program as required

# KSC ISS IP Logistics Activities

- Late Stow manifesting on Space X 3 mission. (JAXA cable)
- Hosted Wet ACY Hardware TIM with Russian Space Agency to determine KSC host role services & to ultimately transition servicing operations
- Coordinating return & shipment of 2 Life Science Glove Box Racks from Tsukuba, Japan to U.S.

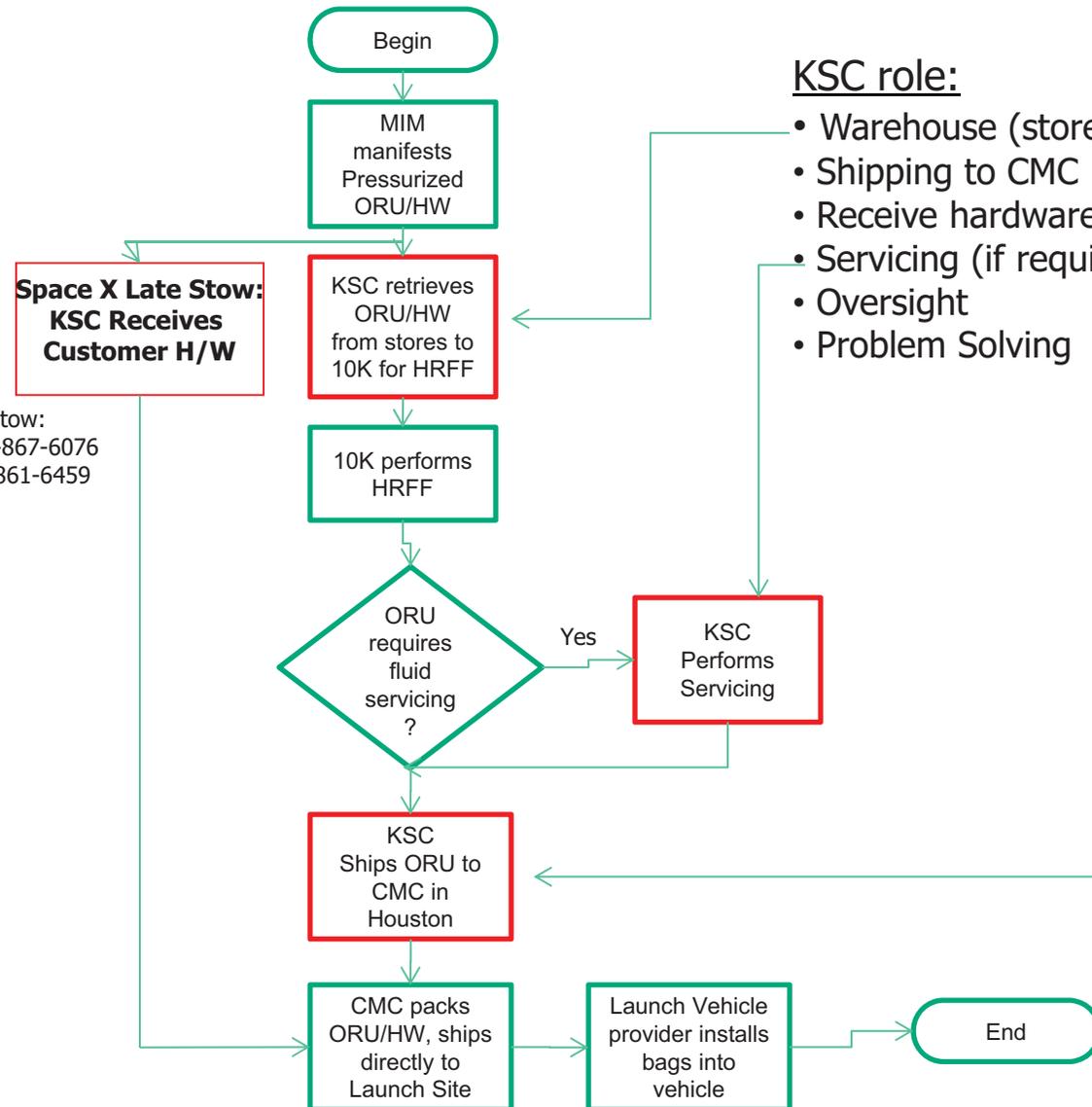
# Pressurized ORU/Hardware ConOps Flow

## Visiting Vehicles

- HTV
- ATV
- Soyuz
- SpaceX
- Orbital

\* KSC POC Late Stow:  
Skip Swaney (321-867-6076)  
Katie Zajdel (321) 861-6459

KSC Responsibility



## KSC role:

- Warehouse (stores)
- Shipping to CMC
- Receive hardware from Customer
- Servicing (if required)
- Oversight
- Problem Solving

# KSC Logistics Operations

- **KSC/ISS Logistics Operations will continue to provide Payload and ORU Processing support to the ISS Program and IP Partners.**
- **KSC/ISS Logistics Interfaces**
  - **Bart Pannullo, UB Project Office Logistics Project Manager, 321-861-4298**
  - **Luis Moctezuma, GP-L2 Logistics Chief, 321-867-6597**
- **KSC/ISS Logistics Mission Interfaces**
  - **Ewing (Skip) Swaney, GP-L2, 321-867-6076**
  - **Katie Zajdel, GP-L2, 321-861-6459**
- **KSC/ISS Logistics Team**
  - **Rick Rodriguez** Depot Operations (321) 867-6576
  - **Joe Tellado** Logistics Engineering (321) 867-6064
  - **Maria Stelzer** Technical Integration Manager (321) 861-5375
  - **Bernadette Brightman-Merrell** Technical Training (321) 867-6072
  - **Frances Cunningham** Warehouse Operations (321) 861-4700



# Back-Up Charts

# Logistics Launch Site Services

<b>Off-loading Transportation</b>	<b>Depot, Shops and Labs</b>
Load/offload coordination, transport to the assigned Facility and required services at KSC point of entry	Provide emergency shop support for failure analysis, alignment table, fabrication/repair of customer flight/GSE hardware
Arrange for cleaning of vehicle and shipping container before clean work area entry	Calibration, Proof load, cleaning / decontamination and other preventive maintenance support
Transport Flight Elements and GSE between KSC and/or Cape Canaveral Air Force Station (CCAFS) and local off-site facilities	<b>Material Management</b>
Coordinate aircraft/ship/truck fueling for Flight Element and GSE arrival/departure	Provide bench stock consumable items such as plastics, foams, adhesives, wipes, and cleaning materials
<b>Receiving / Shipping</b>	Issue loan-pool equipment including tools, headsets, and clean-room/anti-static/protective garments
Provide Receiving Count and Condition, report any damage to the proper office(s).	<b>Procurement</b>
Plan/prepare Flight Hardware and GSE for shipments from/to KSC, including building of specialized container	Provide minor (<\$1,000) procurement of material for KSC Customers
Facilitate customer interface with U.S. Customs (import or export)	<b>Technical Training</b>
<b>Warehousing / Storage</b>	Plan, develop, implement and maintain a Technical Training and certification program, Provide Area Access Courses
Controlled storage of hardware, equipment and material, including specialize containers	<b>Property Management</b>
Provide Kitting support for customer hardware	Asset tracking of customer hardware

Provide Logistics Launch Site Services to ISS Missions and other customers at KSC.