



# Logistics Management Newsletter

FROM THE LOGISTICS MANAGEMENT DIVISION

FY23 | ISSUE 4

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**Welcome.** This newsletter is brought to you by the Logistics Management Division (LMD). Its purpose is to keep you abreast of the latest business practices and to share information about ongoing logistics management initiatives and events. It also introduces interim policy letters, which shall be incorporated in forthcoming updates of NASA Procedural Directives and Procedural Requirements.

## NEW DIRECTOR OF THE LOGISTICS MANAGEMENT DIVISION



Vince Cappello, Director, Logistics Management Division

### By Denise Thaller, Deputy Assistant Administrator, OSI

The Office of Strategic Infrastructure (OSI) announced the selection of **Vince Cappello** as the Logistics Management Division (LMD) Director. Vince will remain acting until the official Office of Personnel Management approval.

Vince is currently the Acting Director (July 2023 to present) and Deputy Director for LMD and has been with NASA for nearly 3 years. Prior to joining NASA, Vince worked with the General Services Administration (GSA) and the Department of the Navy. During his tenure with GSA,

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Vince was the agency-recognized authority and internal spokesperson for national accounts, which included both Department of Defense and civilian agency Government customers. He was a top-level advisor and consultant to the GSA Administrator, the Federal Acquisition Service (FAS) Commissioner, and the Office of Customer and Stakeholder Engagement (CASE) Assistant Commissioner concerning stakeholder needs and requirements, the effectiveness of relationship management practices/policies, and customer utilization of Government-wide best in-class contracts.

At the Department of the Navy, Vince was the Director of Acquisition Logistics Policy within the Office of the Assistant Secretary of the Navy for Research, Development, and Acquisition, leading Secretary-level oversight of the Defense Business Certification and Information Technology Digitization effort for the Navy and Marine Corps Logistics IT Systems.

The OSI family congratulates Vince on this major accomplishment and new leadership role! We know he will do an outstanding job leading the Logistics Management function across the Enterprise.

## JOHNSON SPACE CENTER'S NEWLY APPOINTED SUPPLY EQUIPMENT MANAGEMENT OFFICER (SEMO)

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By Julie Hardcastle, Deputy Chief, JSC Logistics Division



Michael Caputo, JSC SEMO

Change is an inevitable part of growth and progress, and it is crucial that we approach it with an open mind and a positive outlook. As we navigate ever-evolving changes in Logistics, we are committed to staying ahead of the curve, being agile, and embracing change as an opportunity for improvement.

Change also allows us to innovate, optimize our processes, and enhance our services; it enables us to respond effectively to new challenges and seize emerging opportunities. Most importantly, it fosters personal and professional growth for each of us within Logistics.

Johnson Space Center Logistics is pleased to announce the selection of **Michael Caputo** as the newly appointed Supply Equipment Management Officer (SEMO). Michael will also continue to perform the responsibilities of Branch Chief, Property and Equipment Branch.

Change is an inevitable part of growth and progress, and it is crucial that we approach it with an open mind and a positive outlook.

## EQUIPMENT MANAGEMENT PROGRAM

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By Miguel A. Rodriguez, Program Manager

### Equipment Loans to NASA

Among recent inquiries and topics discussed within the equipment management community, one subject of interest concerns the terms and conditions for the execution of equipment loans to NASA. Although this is a good topic for discussion, it is also worthwhile to clarify that the subject is not governed by NASA equipment management policies and procedures. The terms and conditions, along with the execution of the loan, are governed by the loaner entity, which could be a Government or a commercial entity.

It is also useful to clarify that equipment management policies and procedures come into play once the equipment item is physically received by the NASA organization loanee of the item.

I would like to share with the reader some of the most common questions regarding this subject:

**Q. “NASA is receiving an equipment item on loan; is it negotiable for the lender to pay the shipping costs?”**

A. Yes, it is probably negotiable—it mainly depends on the lender’s terms and conditions for the loan and purpose of the loan. It will probably depend on the benefit the lender gains when agreeing to loan equipment to NASA.

**Q. “I have not found anything in NPR 4200.1 that dictates either way.”**

A. It is not NASA property/equipment; therefore, the terms and conditions for the execution of the loan are not governed by NPR 4200.1. You will not find this topic in NPR 4200.1. Perhaps in documents governing the Space Act Agreement or procurement actions. Why procurement? Because there are loans to NASA from vendors who seek to do business with NASA (as part of a procurement action). In these instances, vendors agree to bear the shipping cost and loan equipment to NASA for testing purposes.

In essence, the use of NASA Form 893, Loan of NASA Equipment, and listed terms and conditions do not apply (both international and domestic). NPR 4200.1 applies for control and accountability of the equipment item(s) once they are in physical possession of NASA and the equipment meets NASA’s definition for control and remains in possession of NASA for more than 60 calendar days.

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## PROPERTY DISPOSAL MANAGEMENT

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By Sharrief Wilson, Program Manager

### Excess Personal Property Status

As of the end of the fourth quarter of FY23, NASA Centers have completed the disposition process for 91,013 disposal cases, representing a total acquisition cost of \$1.3 billion. There are 58,136 disposal cases still pending disposition. This volume has declined compared to the Agency average over several years. Improvements in “through-flow” will require Centers to consider multiple methods to dispose of their excess property, including first-in, first-out (FIFO).

According to the FIFO method, as goods enter the warehouse inventory, the first items received are the first disposed of, while any additional goods entering the warehouse end up at the end of the queue for disposition. At the end of a fiscal year, the items that remain on the active inventory list should be those most recently introduced.

Below are suggested points of emphasis that Property Disposal Officers (PDOs) should follow:

- Prioritize items in “Surplus” status that have value for GSA sales to build lots that benefit the Government surplus program.
- Evaluate the amount of electronic waste eligible for pickup through UNICOR and coordinate for recycling.
- Identify items with historical significance if not tagged as artifacts and run them through the NASA Artifact Module.

### Successful Launch of NASA Artifact Screening Module

NASA’s successful launch of the Artifact Screening Module, developed by the Application Platform Services (APS) in collaboration with LMD and the Office of Communications (OCOMM), not only revolutionizes artifact management but also invigorates science, technology, engineering, and mathematics (STEM) education and space awareness across the United States.

This cutting-edge module serves as a beacon of inspiration for students, educators, and space enthusiasts alike. Its pivotal role in preserving and showcasing artifacts from NASA’s endeavors, such as the recently decommissioned SOFIA Program and the Moon Trees from the Artemis I mission, has the power to ignite a passion for space exploration and scientific discovery.

One of the most profound impacts of the Artifact Screening Module lies in its ability to bridge the gap between NASA’s remarkable history and the future of STEM education. By making these artifacts accessible to schools, museums, and educational institutions nationwide, NASA actively engages young minds in the wonders of space and science.

The module allows educators to enrich STEM curricula by offering students hands-on experiences with genuine space artifacts, thereby enhancing carefully curated exhibitions and supplementing educational programs. Students can now learn about the SOFIA Program’s contributions to astronomical research or the unique story

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## ► Property Disposal Management continued

of the Moon Trees that traveled to the lunar orbit. This real-world connection to NASA's achievements enhances classroom learning, encouraging students to pursue careers in STEM fields.

Moreover, the module's integration with OCOMM ensures that NASA's captivating narratives are communicated effectively to the public. By leveraging the artifacts as storytelling tools, NASA enhances space awareness and underscores the Agency's vital role in advancing scientific knowledge. This approach fosters a sense of national pride and encourages a broader understanding of the Agency's contributions to science and exploration.

In essence, NASA's Artifact Screening Module catalyzes a reinvigoration of STEM education and space awareness across the United States. By preserving and sharing artifacts from its illustrious history, NASA is nurturing the next generation of scientists, engineers, and space enthusiasts; fostering a deep appreciation for the cosmos; and encouraging innovation in STEM fields. This module stands as a powerful testament to NASA's commitment to inspiring and educating the Nation, ensuring that the wonders of space continue to capture the imaginations of future generations.

## General Services Administration Online Auction Sales

So far this fiscal year, NASA Centers have netted a total of \$2,070,309 in sales proceeds from General Services Administration (GSA) online auctions of personal property: (a) \$660,653 net sales proceeds under the exchange/sale authority and (b) \$1,409,656 net surplus sales proceeds. It is essential to understand that sales proceeds under the exchange/sales authority shall be used, in whole or in part, for the acquisition or replacement of property (as required by Federal Management Regulation [FMR] 102-39, Replacement of Personal Property Pursuant to the Exchange/Sale Authority).

The net sales proceeds from the sale of surplus personal property through GSA online auctions can be used to defray NASA expenses related to the sale of the surplus property per FMR 102-38.295-300, Disposition of Proceeds, and NASA Procedural Requirement 4300.1C, section 5.5.2, and can include the following:

- a.** expenses associated with warehouses and storage,
- b.** sales preparation,
- c.** environmental services,
- d.** demilitarization services,
- e.** advertising and appraisals,
- f.** security and transportation of property,
- g.** labor or contract costs related to the sale of the property, and
- h.** NASA Centers' established overhead rates for these functions.

Centers should ensure that they are tracking the cost associated with completing sales, as NASA does not have sales proceed retention authority.

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► Property Disposal Management continued

## Continuity in COVID Chaos: KSC RRMF Disposal Team's Remarkable Pandemic Performance

Kennedy Space Center's (KSC's) Reutilization, Recycling, and Marketing Facility (RRMF) disposal team exceeded expectations during the unexpected pandemic that limited onsite activities. During this time, the team ensured that operations continued with minimal disruptions with partial staffing while keeping NASA Logistics leadership informed on all previous and future disposal cases throughout the different stages of work.



Left to right: Austin Kurak, Monell Phillips, Christopher Spears, Patty Cross, Jacob Francisco, Rob Commerce, Steve King, Joseph Heggs, Cory Hatcher, Steven Stawchansky, Kenyan Butler, Eric Hendrix, Tim Imka, and Sandra Ames.

Throughout the pandemic, the team at RRMF has continually exceeded expectations with disposal operations despite being limited to the number of employees allowed on site at any given time. Despite partial staffing, the team processed over 6,000 documents and 161 transfers of property containing 649 line items with a value of over \$14,000,000. The group quickly developed contingency plans for operating with minimal staffing and ensuring that safety measures were in place to limit exposure to other employees and maintain the ability to remain open for operations 5 days a week. These efforts were instrumental in allowing the continued picking up of items set aside during the Vehicle Assembly Building Amnesty Day, which started before the shutdown began.

Additionally, the team's tireless documenting and packing efforts allowed the transporting and recycling of 196,000 pounds of electronics and components through UNICOR. Furthermore, the team assisted in developing a plan of action for resuming sales when the COVID safety stage allowed so the team could hit the ground running with sales. The plan contributed to conducting an average of 1.9 weekly sales and generating over \$720,000 in proceeds.

The team's effort in processing documents, transferring property, packing, and shipping to UNICOR, as well as ensuring that sales operations could continue during an unprecedented Center-wide shutdown despite partial staffing on each shift, displays the continued level of excellence at which they perform regardless of circumstances and reflects positively on not only the team, but Kennedy Space Center and NASA as a whole.

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► [Property Disposal Management continued](#)

## Enhancing Asset Management: AFRC's Productive Collaboration with GSA

During a recent visit, General Services Administration (GSA) representatives from the Pacific Zone (Region 9) engaged with NASA logisticians at Armstrong Flight Research Center (AFRC) to discuss the disposition of the Stratospheric Observatory For Infrared Astronomy (SOFIA) and DC-8 aircraft platforms. The primary goal of this visit was to strategize high-level disposition tasks and foster greater collaboration.

In the case of any assistance required by Property Disposition Officers at NASA Centers, the Logistics Management Division (LMD) stands ready to coordinate with GSA. They can provide Center-specific guidance for disposition procedures, ensuring a smoother process.

This GSA visit yielded productive outcomes, shedding light on more efficient asset management processes. AFRC eagerly anticipates implementing the recommendations from this visit, reinforcing its partnership with GSA, and further enhancing its asset management efforts.

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## EVENTS

### The Assembling of the Space Shuttle Endeavour Display at the California Science Center

**By Robert Sherouse**

The California Science Center began assembling and stacking Space Shuttle Endeavour the week of July 20. The timing of starting the stack coincided with National Space Day. Work started from the bottom up, when the two Solid Rocket Booster (SRB) skirts were lifted by crane into a partially constructed building. When fully completed, the stack will depict the Space Shuttle Endeavour as prepared for launch, fully stacked with both SRBs and the External Tank (ET). Once Endeavour is stacked, construction on the building will continue, eventually fully enclosing the Shuttle stack in a multistory building.

The two SRBs will be the only part of the stack connected to the ground and will sit on a seismic isolator. The rest of the stack will be built using the SRB skirts as the base. Completing the full stack will take 6–7 months. Endeavour will go off display in its temporary home on 31 December 2023.

The building is progressing well. The parabolic walls of the Shuttle gallery are complete, and the slab-on-grade has been poured. Much of the second level of the air galleries is complete. So far, workers have poured about 10,000 cubic yards (40 million pounds) of concrete, placed 5,000 cubic yards (20 million pounds) of shotcrete on the walls, and installed nearly 7 million pounds of rebar. The first structural steel—the gantry that will tower next to Endeavour—has been installed as well.

The ET aft attach crossbeam has been reassembled; a replica toilet has been installed in Endeavour; the SRB aft skirts and frustum are repainted; and the systems tunnels on the solid rocket motors' forward skirts are installed. The ET attach rings were recently received and are being outfitted. The arduous work to repair the foam insulation on ET-94 is ongoing.

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► Events continued



The Shuttle gallery as viewed from the north, showing the 42-foot-high concrete wall. There will be an additional 160 feet of structural steel placed above the wall to complete the Shuttle gallery.

The second floor of the air gallery shows rebar and conduit. This has since been covered in concrete.



Installing SRB systems tunnels at the Mojave Air and Space Port where the motors are stored.



Photo of an aft skirt being lifted into the new building.

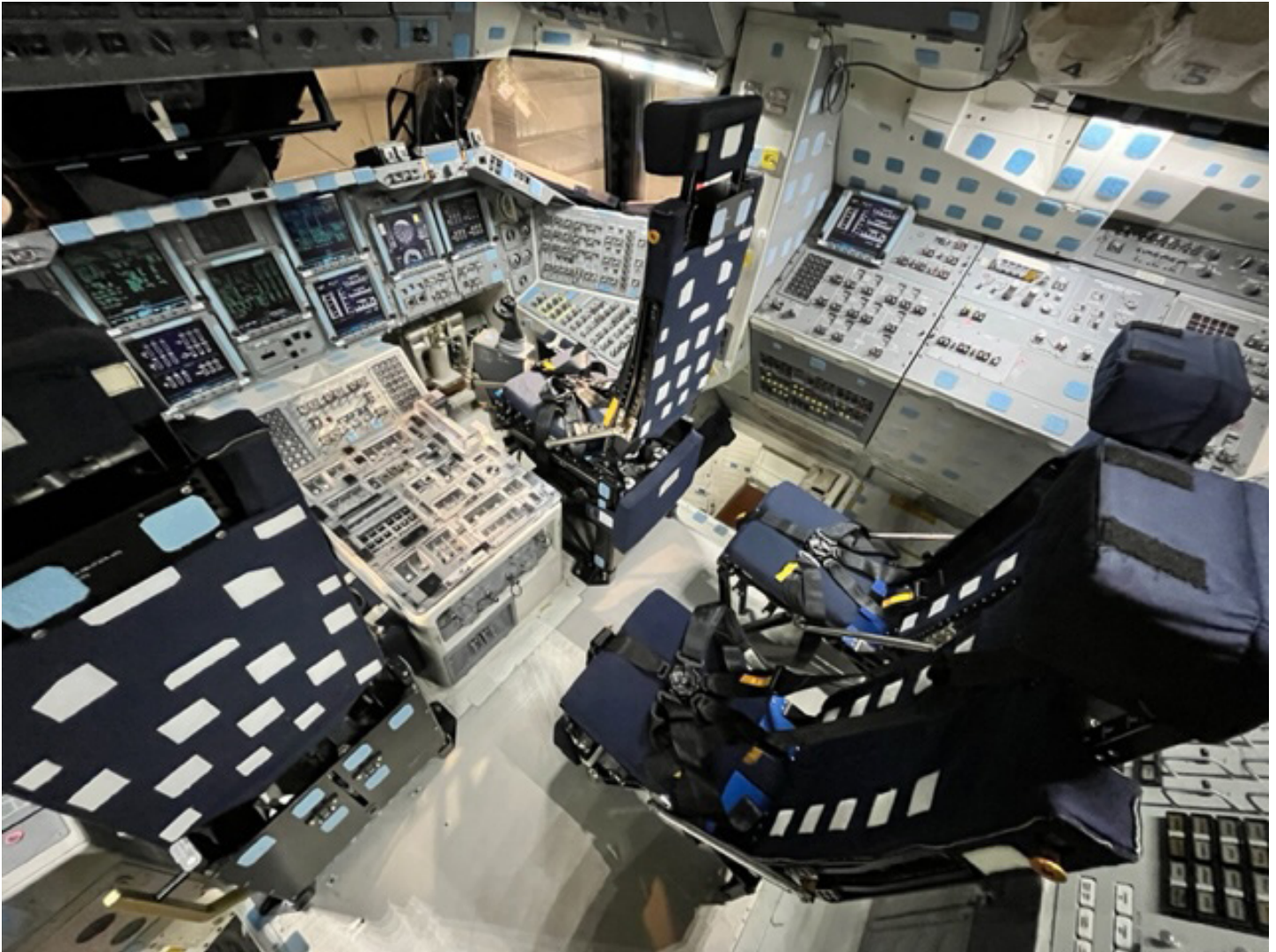


The aft skirts sitting on the isolation pad. Over the next couple of weeks, they will be extensively surveyed to make certain they are in the correct position and perfectly level. Then workers will install 9-foot-long inconel hold-down posts and torque them to 500,000 foot-pounds of torque (as a reference, the lug nuts on car wheels are typically about 110 foot-pounds).

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► Events continued



Workers added the fourth seat to the Endeavour flight deck. This configures the ship as it was for STS-118 (Barbara Morgan's flight), which is our model for the exhibit.

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► Events continued

## Johnson Space Center's Superb Logistics Services Support Historic Landing of OSIRIS-REx

The Logistics Management Division congratulates Johnson Space Center's (JSC's) Logistics team for its invaluable contribution and accomplishments while supporting the landing of Origins, Spectral Interpretation, Resource Identification, and Security-Regolith Explorer (OSIRIS-REx).

JSC's Logistics Services provided timely transportation and handling services in support of the historic landing of OSIRIS-REx, the first U.S. mission to collect a sample from an asteroid, Bennu.



JSC Logistics Team, left to right: Charles Fletcher, Karen Draper, LaShell Amey, Leslie Jenkins, Debbie Norwood, and Kristen Tolleson

The OSIRIS-REx spacecraft successfully released the sample capsule into Earth's atmosphere on Sunday, September 24, 2023. After landing at the U.S. Department of Defense's Utah Test and Training Range, the capsule was transported to a temporary clean room, where a team prepared it for the journey to JSC on Monday, September 25, 2023.

The OSIRIS-Rex sample departed Utah via a C-17 military charter and arrived at JSC (Ellington Field) at approximately 12:00 p.m. CST on Monday, 1 hour ahead of schedule. The flexibility of JSC's logistics team ensured that the aircraft was met by providing on-time assistance in the form of one box truck, three 15-passenger vans, drivers, and assistance with handling and offloading requirements.

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► Events continued



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JSC's Logistics Team was also tasked to reconfigure Building 259 furniture to serve as an overflow area for scientists and professors on site in support of OSIRIS-REx. This work came during the middle of an already busy schedule for the Logistics Team.

Great work, JSC logistics team!



JSC Logistics Team, left to right: Allen Lieber, Kristen Tolleson, Todd Hegemier, Daniel Carrejo, and Michael Caputo

## KUDOS

### KSC Employee Receives Department of Energy FEMP 2023 Annual FEDS Spotlight Recognition

The Logistics Management Division is pleased to announce that Spencer Davis was selected for recognition as part of the U.S. Department of Energy's (DOE's) Federal Energy Management Program's (FEMP's) 2023 annual FEDS Spotlight. Since 2017, the FEMP FEDS Spotlight recognition program has afforded Federal agencies the opportunity to recognize Federal employees who go above and beyond their typical day-to-day responsibilities to achieve mission success while also cutting energy waste; reducing costs; optimizing performance; and advancing America's progress toward energy independence, resilience, and security.



Spencer Davis, 2023 FEDS Spotlight Honoree



NASA nominated Spencer for the Professional Achievement Award. He was recognized during FEMP's 50 Years of Federal Energy Management celebration, September 12–13, 2023, in Washington, DC.

FEMP selection categories for 2023 year included the following:

- Professional Achievement, for persons who consistently show exceptional professionalism and integrity while leading agency mission-critical projects and programs.
- Future Leader, for a person new to the Federal energy management role who embodies and exhibits the characteristics and skills needed to propel key projects and diverse programs forward.
- Innovator, for a person who is committed to finding new and creative ways of carrying out dynamic projects and programs and who inspires change.

Congratulations once again on being recognized as a 2023 FEDS Spotlight Honoree!

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Your involvement, understanding, and feedback are essential to making the Logistics Management Program a success. Please send us your questions or stories to share by calling or e-mailing:

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