

RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>, Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>, Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>, Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>, Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>, Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>, Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>, Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>, Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>, Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>
Sent: February 22, 2022 2:17:06 PM EST
Received: February 22, 2022 2:17:23 PM EST
Attachments: Revised flight plan brings change for Samantha_Clean3.docx

Hi team- Please see the full talking points/RTQs below for review, which we are planning to use over the next couple of days. This also includes our points on Samantha Cristoforetti, and our suggested edits to ESA's attached release (planned for publishing this Thursday).

Let me know if you have any feedback. If possible, we are requesting edits quickly, so we can respond to media today.
Thanks, Josh

U.S. / Russian Relations

As the world follows political activities related to Russia and Ukraine, NASA is continuing to safely conduct research on the International Space Station.

- NASA continues working with the State Space Corporation Roscosmos (Roscosmos) and our other international partners in Canada, Europe, and Japan to maintain safe and continuous International Space Station operations.
- NASA and its international partners have maintained a continuous and productive human presence aboard the International Space Station for more than 21 years.
- Seven people are currently living aboard the space station: U.S. astronauts Mark Vande Hei, Raja Chari, Thomas Marshburn, and Kayla Barron of NASA; German ESA (European Space Agency) astronaut Matthias Maurer; and Russian cosmonauts Anton Shkaplerov and Pyotr Dubrov of Roscosmos.
- Ongoing station operations continue as normal including work to fly crew to the orbital outpost and to return them safely to Earth.
- Roscosmos is slated to launch three cosmonauts to the International Space Station from Kazakhstan on March 18. As planned, there are no U.S. orbital segment crew members aboard that launch.
- On March 30, a Soyuz spacecraft will return as scheduled carrying NASA astronaut Mark Vande Hei and cosmonauts Pyotr Dubrov and Anton Shkaplerov back to Earth. Upon their return, Vande Hei will hold the American record for the longest single human spaceflight mission of 355 days.
- Two NASA astronauts completed training in Russia earlier in February prior to returning home and up to five NASA

astronauts are scheduled for training in Russia in the mid-March timeframe.

- As scheduled, there are three cosmonauts currently training at NASA's Johnson Space Center in Houston for space station missions. Please contact Roscosmos for additional information about its crew members: press@ROSORKK.RU.
- Questions about U.S. / Russian relations should be directed to the U.S. State Department.

Crew-4/Crew-5 Handover (Why is NASA reducing the duration of Crew-4 on station?):

To ensure a continuous U.S. presence aboard the International Space Station, NASA is working to enable a successful direct handover period between the crew members of the agency's SpaceX Crew-4 and Crew-5 missions aboard the microgravity laboratory. The Crew Dragon spacecraft is certified for 210 days aboard the space station, and expedition missions are typically returned home closer to this timeframe. As NASA is prioritizing a direct handover rather than indirect, NASA is moving the targeted launch of Crew-5 to early September allowing additional schedule margin should the mission need to be delayed for any reason. In this case, Crew-4 could remain on the space station with about two months of margin on its current certified limits while allowing NASA-SpaceX time to launch Crew-5 astronauts.

If asked about Soyuz return/seat exchange:

NASA is working toward an agreement with Roscosmos whereby we would routinely fly astronauts and cosmonauts cooperatively on each other's spacecraft to the International Space Station. In the event this agreement is not in place by the fall timeframe, the schedule change also will maximize the flexibility to launch Crew-5 prior to Crew-4 return ensuring the continued presence of U.S. astronauts aboard the station.

For ASAT questions:

NASA and U.S. Space Command continue to monitor the debris cloud created by a recent Russian anti-satellite test. The cataloging of the total number of identifiable pieces of debris is ongoing, with teams assessing the risk levels to conduct various mission activities. NASA will work with U.S. Space Command to ensure our spacecraft avoid orbital debris and safely achieve its intended orbit. Any changes to launches will be updated, as needed.

Samantha Cristoforetti RTQs:

1. Is Samantha going to command while on the ISS?

1. The Multilateral Crew Operations Panel agreed that ESA (European Space Agency) astronaut Samantha Cristoforetti is a great candidate to command the International Space Station, and directed the international training teams to provide all of the necessary training to support this activity. Commandership and expedition start and end points are based on timing of crew arrivals and departures from the station. Cristoforetti, who will fly to station as a part of NASA's SpaceX Crew-4 mission, originally was expected to command station after the undocking of the Russian Soyuz 67s spacecraft and prior to Crew-4 departure. Based on current flight planning, Crew-4 now is targeted to depart the station prior to 67s to ensure a direct handover with Crew-5, which is the reason for the change and eliminates a commandership from the Crew-4 mission.

2. Was Samantha formally assigned as commander by the MCOP?

1. Yes, Samantha Cristoforetti was assigned to an International Space Station commandership role in May 2021

based on the flight planning at that time. The Multilateral Crew Operations Panel agreed that ESA (European Space Agency) astronaut Samantha Cristoforetti is a great candidate to command the International Space Station, and directed the international training teams to provide all of the necessary training to support this activity. Commandership and expedition start and end points are based on timing of crew arrivals and departures from the station. Cristoforetti, who will fly to station as a part of NASA's SpaceX Crew-4 mission, originally was expected to command station after the undocking of the Russian Soyuz 67s spacecraft and prior to Crew-4 departure. Based on current flight planning, Crew-4 now is targeted to depart the station prior to 67s to ensure a direct handover with Crew-5, which is the reason for the change and eliminates a commandership from the Crew-4 mission.

3. Why was it announced that Samantha would command and now she is not?

1. Samantha Cristoforetti was assigned to an International Space Station commandership role in May 2021 based on the flight planning at that time. The Multilateral Crew Operations Panel agreed that ESA (European Space Agency) astronaut Samantha Cristoforetti is a great candidate to command the International Space Station, and directed the international training teams to provide all of the necessary training to support this activity. Commandership and expedition start and end points are based on timing of crew arrivals and departures from the station. Cristoforetti, who will fly to station as a part of NASA's SpaceX Crew-4 mission, originally was expected to command station after the undocking of the Russian Soyuz 67s spacecraft and prior to Crew-4 departure. Based on current flight planning, Crew-4 now is targeted to depart the station prior to 67s to ensure a direct handover with Crew-5, which is the reason for the change and eliminates a commandership from the Crew-4 mission. ESA announced the possibility because Samantha was assigned and is fully trained as a commander, which is still a testimony of her qualities as an astronaut. Samantha will be the U.S. Operating Segment (USOS) lead and will be responsible for leading all USOS based activities. As such, she is a great role model for European women that also want to become astronauts in the current ESA astronaut selection.

4. If the flight program changes, will Samantha command?

1. Yes, all of the International Space Station partners have agreed that if the Soyuz 67s undocks before Crew-4, the opportunity would open up for Samantha Cristoforetti to command the space station as originally planned.

5. Why is the flight program not being changed to support that option now?

1. Flight traffic to the International Space Station is based on operational needs to best safely manage operations for the crew and the health of the space station. As NASA's commercial crew providers continue to mature and provide reliable transportation for crew rotation missions, there is a desire to have a successful handover of Crew-4 and Crew-5 astronauts prior to the Soyuz handover.

6. Is Samantha being trained to be able to command?

1. Yes, Samantha Cristoforetti is being trained to command the International Space Station in the event that future flight planning results in an additional commandership during her mission.

7. If not Samantha, who is commanding the ISS in 2022?

1. Roscosmos cosmonaut Anton Shkaplerov is the current commander of the International Space Station, and will handover command to NASA astronaut Tom Marshburn at the undocking of the Russian Progress 65s spacecraft. Marshburn will handover command to Roscosmos cosmonaut Oleg Artemyev at the undock of NASA's SpaceX Crew-3 mission. Artemyev will handover command to JAXA (Japan Aerospace Exploration Agency) astronaut Koichi Wakata at the undocking of Progress 67S.

8. Who is the USOS Lead during this period?

1. Samantha Cristoforetti is assigned as the U.S. Operating Segment (USOS) lead during this period. She will be responsible for leading all USOS based activities on the International Space Station.

9. What will Samantha's duties include while on the ISS?

1. In addition to being the U.S. Operating Segment (USOS) lead, performing critical space station research and maintenance, Samantha Cristoforetti is scheduled for a Russian spacewalk, or extravehicular activity (EVA), pending finalization of the Russian EVA schedule and ongoing commissioning of the European robotic arm on the International Space Station.

From: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>

Sent: Tuesday, February 22, 2022 10:11 AM

To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Finley, Patrick T (HQ-TE000)

<patrick.t.finley@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>

Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>

Subject: Re: [EXTERNAL] UPI reporter request on ISS and Russia tension

Looks ok to me, Josh, thanks.

Robyn

From: "FINCH, JOSHUA A. (HQ-NA020)" <joshua.a.finch@nasa.gov>

Date: Tuesday, February 22, 2022 at 8:51 AM

To: "Gatens, Robyn (HQ-CJ000)" <robyn.gatens@nasa.gov>, "Finley, Patrick T (HQ-TE000)"

<patrick.t.finley@nasa.gov>, Kevin Metrocavage <kevin.m.metrocavage@nasa.gov>, Jacob Keaton <jacob.keaton@nasa.gov>, "Cox, Christie (HQ-CJ000)" <christie.l.cox@nasa.gov>, "Mcsweeney, Dennis (HQ-TE000)" <dennis.mcsweeney@nasa.gov>, "Shearer, Jon E. (HQ-TA000)" <jon.e.shearer@nasa.gov>, "Parks, Andy (HQ-TE000)" <andrew.d.parks@nasa.gov>

Cc: "Anderson, Gina N. (HQ-NA020)" <gina.n.anderson@nasa.gov>

Subject: FW: [EXTERNAL] UPI reporter request on ISS and Russia tension

Hi all- Please see the questions below from Paul Brinkmann. For the talking points, we updated the highlighted sentence below as the astronauts completed training.

Let me know if you have any feedback. FYI, we have received questions from Eric Berger, Marcia Smith and Paul Brinkmann so far.

Thanks, Josh

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Use only if asked:

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From: Paul Brinkmann <pbrinkma@gmail.com>

Sent: Monday, February 21, 2022 4:22 PM

To: heo-pao@lists.nasa.gov; FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>; McGuinness, Jackie (HQ-NA000) <jackie.mcguinness@nasa.gov>

Subject: [EXTERNAL] UPI reporter request on ISS and Russia tension

Hi,

I'm writing to ask if leadership at NASA has any concerns or contingency plans for ISS operations if Russia invades Ukraine and the US imposes harsh sanctions?

Certainly some kind of planning must be in place for such a scenario. Can we interview someone about this?

My deadline is 4 p.m. EST Tuesday, but I can be flexible if you let me know you are working on this request.

Some questions:

-- Is NASA concerned about heightened tensions with Russia because of the Ukraine conflict, and the impact that might have on ISS?

-- Is NASA concerned about the ongoing fallout and heightened need to monitor space debris from the Russian anti-sat test, and why or why not?

-- What if any planning has occurred to address the possibility that Russia might abandon the space station during a prolonged conflict?

Thank you sincerely,
Paul

UPI

--

Paul Brinkmann
Writer/Journalist
Orlando, FL 32801
M: (b) (6)

@PaulBrinkmann

Attachment

1. Revised flight plan brings change for Samantha_Clean3.docx

Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document
Size: 29 KB (30,270 bytes)

Attachment #1

Revised flight plan brings change for Samantha_Clean3.docx

Original view

2 pages (displayed on pages 9 to 10)

Revised flight plan brings change for Samantha

In May 2021 it was announced that ESA astronaut and Dragon Crew-4 mission specialist Samantha Cristoforetti would serve as Commander of International Space Station (ISS) Expedition 68a, taking over command from Russian Expedition 67b commander Oleg Artemyev after his departure on Soyuz 67 in September 2022.

The ISS partnership recently decided to adjust the flight programme of the upcoming crew rotations, with the Crew-4 mission duration now ~~significantly reduced~~ to allow for an earlier direct handover with Crew-5 astronauts. The adjustment will see Crew-4 depart before Soyuz 67. ISS Expedition 68a will now take place after Samantha's departure from ISS.

Throughout her time on board, Samantha will have the role of lead of the United States Orbital Segment (USOS), which includes the US, European, Japanese and Canadian modules and components of the Space Station.

Setting the schedule

Crew members are assigned to flight opportunities and International Space Station roles by the Multilateral Crew Operations Panel (MCOP). This panel is made up of representatives from ESA, NASA, Roscosmos, the Japanese Aerospace Exploration Agency (JAXA) and the Canadian Space Agency (CSA). ESA is represented by Head of the European Astronaut Centre Frank De Winne.

Frank says it is not unusual for the flight programme to be adjusted, since traffic to the International Space Station must be carefully coordinated based on operational needs.

"As the US commercial vehicle providers continue to mature and provide reliable transport to the Space Station, there is a desire by all international partners to complete a successful direct handover of US Commercial Crew-4 and Crew-5, which now will take place before Soyuz MS-21 (ISS67s) departs," Frank explains.

"While this means Samantha will no longer be International Space Station commander, the Panel stands by its endorsement of her as a leader. She will continue to be fully trained for the commander position and it is agreed that, should the schedule revert to the initial one, she would step into this role."

Leading USOS operations

USOS comprises all components of the International Space Station built and operated by NASA, ESA, CSA and JAXA. Astronauts from these partner agencies aboard the Space Station are also known as USOS crew members.

As USOS lead, Samantha will be responsible for all operations within the USOS for the duration of her upcoming mission. This includes science and research activities, maintenance and leading emergency procedures should the need arise.

Samantha says, "In this phase of transition from exclusive use of Soyuz to dual Soyuz/US commercial vehicles operations, we must be flexible and adapt to a dynamic situation in which changes in the flight programme are not infrequent.

"As crewmembers, we are ready to contribute as needed. I am humbled to serve as USOS lead and this role includes most of the duties I would have had as commander. I also recognise that many people in Europe, especially women, were inspired by the perspective of having the first European

female ISS commander. I regret that this will not happen on my flight, but we are in the process of selecting a new class of astronauts and I am confident that this class will include highly competent and driven women who will be ready, in the not-so-distant future, to fulfil leadership roles.”

ESA Director of Human and Robotic Exploration David Parker says Samantha’s appointment to USOS Lead stands testament to the qualities she brings to the Station.

“As a second-time flier and competent leader, Samantha’s knowledge, calm demeanour and previous experience in orbit are a real asset to the crew. She is an excellent role model for those currently participating in ESA’s astronaut selection process, particularly for our female applicants, as they seek to represent Europe in space.”

RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

From: Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
To: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>, Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>, FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>, Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>, Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>, Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>, Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>, Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>, Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>, Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>
Sent: February 22, 2022 2:50:58 PM EST
Received: February 22, 2022 2:51:00 PM EST

I actually had a similar question to Patrick's. I kinda wondered (b) (5)

(b) (5)

From: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>
Sent: Tuesday, February 22, 2022 2:43 PM
To: Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>; Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>; Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>
Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

Josh –

Will you please help me understand (b) (5)

(b) (5)

Best,

Patrick

From: Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>
Sent: Tuesday, February 22, 2022 2:26 PM
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>; Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>; Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>
Subject: Re: [EXTERNAL] UPI reporter request on ISS and Russia tension

Thanks Josh.

In the red additional text below, we talk about having a direct versus indirect handover. But, hardly anybody outside our little circle knows the difference, or why NASA would "prioritize" one over the other. I'd either take out that reference, or provide some more text explaining the different between the two and the advantages of the direct handover.

-Phil Mc

From: Joshua Finch <joshua.a.finch@nasa.gov>

Date: Tuesday, February 22, 2022 at 2:17 PM

To: Robyn Gatens <robyn.gatens@nasa.gov>, Philip McAlister <philip.mcalister@nasa.gov>, "Finley, Patrick T (HQ-TE000)" <patrick.t.finley@nasa.gov>, "Metrocavage, Kevin M. (HQ-CJ000)" <kevin.m.metrocavage@nasa.gov>, "Keaton, Jacob (HQ-CJ000)" <jacob.keaton@nasa.gov>, Christie Cox <christie.l.cox@nasa.gov>, "Mcsweeney, Dennis (HQ-TE000)" <dennis.mcsweeney@nasa.gov>, "Shearer, Jon E. (HQ-TA000)" <jon.e.shearer@nasa.gov>, "Parks, Andy (HQ-TE000)" <andrew.d.parks@nasa.gov>

Cc: "Anderson, Gina N. (HQ-NA020)" <gina.n.anderson@nasa.gov>, Lee Pagel <l.pagel@nasa.gov>, Marc Timm <marc.g.timm@nasa.gov>

Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

Duplicate email chain - already processed



Deletion Page

Requester: Rebecca Heilweil

Request #: 22-HQ-F-00392

5 page(s) containing duplicate information
is/are held in the file.

Re: [EXTERNAL] Re: International Space Station

From: Gatens, Robyn (HQ-CJ000) </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=688227B1319F41ECB796853184B834 EE-GATENS, ROB>
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Sent: February 23, 2022 4:21:20 PM EST
Received: February 23, 2022 4:21:21 PM EST

Awesome, thanks

On: 23 February 2022 16:19, "FINCH, JOSHUA A. (HQ-NA020)" <joshua.a.finch@nasa.gov> wrote:

Hi Robyn- From below, this is the same reporter that reached out to you on LinkedIn. We'll plan to share our approved points as a written statement.

Thanks, Josh

From: Joanna Thompson (b) (6) <[REDACTED]@sciam.com>
Sent: Wednesday, February 23, 2022 4:15 PM
To: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Cc: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Subject: [EXTERNAL] Re: International Space Station

Dear Gina,

Thank you for getting back to me. Of course! Scientific American would like to run a piece about how geopolitical tensions on Earth might affect (or not affect) the folks actively working on the ISS or involved in the project more broadly. We were hoping someone from NASA might have time to comment on this in light of the rising Ukraine-Russia conflict. For full transparency, we are looking to focus more on the research/technological implications rather than the strictly political. My deadline is EOD tomorrow.

All the best,

Joanna

From: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Date: Wednesday, February 23, 2022 at 3:57 PM
To: Joanna Thompson (b) (6) <[REDACTED]@sciam.com>
Cc: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Subject: International Space Station

[External - Use Caution]

Hi Joanna,

We received a message from our Newsroom that you wanted to talk about the International Space Station. Can you please provide more details about your media query?

Regards,

Gina Anderson

NASA's Office of Communications

Washington, DC 20546

gina.n.anderson@nasa.gov

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RE: [EXTERNAL] FW: Russian invasion of Ukraine- deal with Roscosmos

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
To: Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>, Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Sent: February 24, 2022 9:31:24 AM EST
Received: February 24, 2022 9:31:25 AM EST

Thanks, Kevin. Looks like MDK also had similar feedback. No concerns with either language, but I'll defer to OIIR.

-Josh

From: Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
Sent: Thursday, February 24, 2022 9:26 AM
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>
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Subject: RE: [EXTERNAL] FW: Russian invasion of Ukraine- deal with Roscosmos

Josh,

As his question appears to be if we are still working on these despite the invasion, does it make it more clear we're answering that if we change that first paragraph to say "NASA continues to work toward..."

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Sent: Thursday, February 24, 2022 9:18 AM
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
Cc: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Irving, Richard R. (HQ-VA030) <richard.r.irving@nasa.gov>; Kerwin, Mary D. (HQ-IA000) <mary.d.kerwin@nasa.gov>; Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Subject: FW: [EXTERNAL] FW: Russian invasion of Ukraine- deal with Roscosmos

Hi Robyn, Phil- Please see the questions below from CNBC, and our draft response here. This was reviewed by OIIR.

Let me know if you have any feedback.

Thanks, Josh

NASA and its international partners have maintained a continuous and productive human presence aboard the International Space Station for more than 21 years. NASA continues working with the State Space Corporation Roscosmos (Roscosmos) and our other international partners in Canada, Europe, and Japan to maintain safe and continuous International Space Station operations. To support these operations, NASA is working toward an agreement with Roscosmos whereby we would routinely fly astronauts and cosmonauts cooperatively on each other's spacecraft to the International Space Station.

The Biden-Harris Administration has committed to extend International Space Station operations through 2030. NASA's civil space agency partners have all recommended International Space Station extension through 2030, and are now coordinating approvals through their own government processes.

Based on the space station structural health analysis performed to date, there is high confidence that station life can be extended through 2030. Read more on our International Space Station Transition plan:
<https://www.nasa.gov/feature/nasa-provides-updated-international-space-station-transition-plan>.

From: Schwartz2, Brian (NBCUniversal)
Sent: Wednesday, February 23, 2022 1:27 PM
To: jacqueline.f.mcguinness@nasa.gov
Subject: Russian invasion of Ukraine- deal with Roscosmos
Importance: High

Hello,

Hope you're doing well. I'm a reporter from CNBC and wanted to check in to see the status of two pending reported deals that have been in the works between NASA and Roscosmos as Russia invades Ukraine. According to the New York Times, there were a pair of agreements on the table. One would allow Russian astronauts to fly on SpaceX's Crew Dragon capsule for trips to the space station, in exchange for seats on Russia's Soyuz spacecraft for American astronauts. The other would cement the NASA-Roscosmos space station alliance through 2030.

Are those deals still on the table with Russia moving ahead with an invasion of Ukraine? Are they being reviewed by NASA as Russia invades Ukraine? Have you informed SpaceX leadership, including possibly Elon Musk, and the Roscosmos leadership, that the deals are being looked with the invasion in the works?

<https://www.nytimes.com/2021/12/27/science/russia-nasa-spacex-asat.html>
<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.nytimes.com/2021/12/27/science/russia-nasa-spacex-asat.html&data=04|01|robyn.gatens@nasa.gov|f5ee1a217b0f4ffa9c4d08d9f7a2559a|7005d45845be48ae8140d43da96dd17b|0|0|637813098852704570|Unknown|TWfPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTil6lk1haWwiLCJXVCi6Mn0=|3000&sdata=4inAkUU9wAEUoL6p2pbCrHdY72/5G7nVQ0dEMXixT74=&reserved=0>>

Let me know.

Deadline- 4:30 pm eastern

Brian Schwartz

CNBC

RE: [EXTERNAL] FW: Russian invasion of Ukraine- deal with Roscosmos

From: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>, Kerwin, Mary D. (HQ-IA000) <mary.d.kerwin@nasa.gov>, Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>, Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
Cc: Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>, Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>, Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>, Irving, Richard R. (HQ-VA030) <richard.r.irving@nasa.gov>, Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Sent: February 24, 2022 9:38:04 AM EST
Received: February 24, 2022 9:38:05 AM EST

Thanks, Josh.

Support Mary D's edit.

Best,

Patrick

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Sent: Thursday, February 24, 2022 9:34 AM
To: Kerwin, Mary D. (HQ-IA000) <mary.d.kerwin@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
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Subject: RE: [EXTERNAL] FW: Russian invasion of Ukraine- deal with Roscosmos

No concerns from me, but I'll defer to OIIR.

Kevin also suggested: To support these operations, NASA continues working toward an agreement with Roscosmos whereby we would routinely fly astronauts and cosmonauts cooperatively on each other's spacecraft to the International Space Station.

-Josh

From: Kerwin, Mary D. (HQ-IA000) <mary.d.kerwin@nasa.gov>
Sent: Thursday, February 24, 2022 9:24 AM
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
Cc: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Irving, Richard R. (HQ-VA030) <richard.r.irving@nasa.gov>; Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Subject: RE: [EXTERNAL] FW: Russian invasion of Ukraine- deal with Roscosmos

See suggested below in red.

Don't we want to be clear that (b) (5) Hence, "(b) (5)
(b) (5) ?

MDK

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Sent: Thursday, February 24, 2022 9:18 AM
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
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Subject: FW: [EXTERNAL] FW: Russian invasion of Ukraine- deal with Roscosmos

Hi Robyn, Phil- Please see the questions below from CNBC, and our draft response here. This was reviewed by OIIR.

Let me know if you have any feedback.

Thanks, Josh

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From: Schwartz2, Brian (NBCUniversal)
Sent: Wednesday, February 23, 2022 1:27 PM
To: jacqueline.f.mcguinness@nasa.gov
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Importance: High

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<https://www.nytimes.com/2021/12/27/science/russia-nasa-spacex-asat.html>

<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.nytimes.com/2021/12/27/science/russia-nasa-spacex-asat.html&data=04|01|robyn.gatens@nasa.gov|b5c1311039f4446ac8ef08d9f7a3443a|7005d45845be48ae8140d43da96dd17b|0|637813102853384750|Unknown|TWFpbGZsb3d8eyJWIjoicjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=2HC46hxD40pEeRIC7PWU4BVIMrPUFWMWW+VJ7+oFUvk=&reserved=0>>

Let me know.

Deadline- 4:30 pm eastern

Brian Schwartz

CNBC

RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

From: Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>, Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>, Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>, Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>, Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>, Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>, Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>, Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>, Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>, Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>
Sent: February 24, 2022 12:08:27 PM EST
Received: February 24, 2022 12:08:28 PM EST

No issues from ISS.

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Sent: Thursday, February 24, 2022 12:07 PM
To: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
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Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

Hi team- Sorry for the quick follow up on the adjustment below. If possible, we'd like to correct the content we were using with media.

Thanks, Josh

From: FINCH, JOSHUA A. (HQ-NA020)
Sent: Thursday, February 24, 2022 11:02 AM
To: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>; Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>; Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>
Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

Hi team- Following up, there now are two cosmonauts training in the US (one in Houston, one in Hawthorne). Please see our proposed change for the point below for future responses.

If approved, we'll reach back out to media that were provided the previous language. Thanks, Josh

As scheduled, there are two cosmonauts currently training in the U.S. for space station missions. Please contact

Roscosmos for additional information about its crew members: press@ROSORKK.RU

From: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>

Sent: Tuesday, February 22, 2022 5:36 PM

To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Mcalister, Philip (HQ-CP000)

<philip.mcalister@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>

Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>; Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>;

Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>

Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

Thanks, Josh –

Please find OIIR edits to the RU points. We are separately staffing the ESA points, but didn't want to hold these up in the interim.

Best,

Patrick

U.S. / Russian Relations

As the world follows political activities related to Russia and Ukraine, NASA is continuing to safely conduct research on the International Space Station.

- NASA continues working with the State Space Corporation Roscosmos (Roscosmos) and our other international partners in Canada, Europe, and Japan to maintain safe and continuous International Space Station operations.
- NASA and its international partners have maintained a continuous and productive human presence aboard the International Space Station for more than 21 years.
- Seven people are currently living aboard the space station: U.S. astronauts Mark Vande Hei, Raja Chari, Thomas Marshburn, and Kayla Barron of NASA; German ESA (European Space Agency) astronaut Matthias Maurer; and Russian cosmonauts Anton Shkaplerov and Pyotr Dubrov of Roscosmos.
- Ongoing station operations continue as normal including work to fly crew to the orbital outpost and to return them safely to Earth.
- Roscosmos is slated to launch three cosmonauts to the International Space Station from Kazakhstan on March 18. As planned, there are no U.S. orbital segment crew members aboard that launch.
- On March 30, a Soyuz spacecraft will return as scheduled carrying NASA astronaut Mark Vande Hei and cosmonauts Pyotr Dubrov and Anton Shkaplerov back to Earth. Upon their return, Vande Hei will hold the American record for the longest single human spaceflight mission of 355 days.
- Two NASA astronauts completed training in Russia earlier in February prior to returning home and up to five NASA astronauts are scheduled for training in Russia in the mid-March timeframe.
- As scheduled, there are three cosmonauts currently training at NASA's Johnson Space Center in Houston for space

station missions. Please contact Roscosmos for additional information about its crew members:
press@ROSORKK.RU.

- Questions about U.S. / Russian relations should be directed to the U.S. State Department.

Use only if asked:

NASA is working toward an agreement with Roscosmos whereby we would routinely fly astronauts and cosmonauts cooperatively on each other's spacecraft to the International Space Station.

For ASAT question:

NASA and U.S. Space Command continue to monitor the debris cloud created by a recent Russian anti-satellite test. The cataloging of the total number of identifiable pieces of debris is ongoing, with teams assessing the risk levels to conduct various mission activities. NASA will work with U.S. Space Command to ensure our spacecraft avoid orbital debris and safely achieve its intended orbit. Any changes to launches will be updated, as needed.

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Sent: Tuesday, February 22, 2022 3:34 PM
To: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>; Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
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Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

Hi Patrick- This is mostly from an internal review perspective so that everyone knows what is planned for public release over the next couple of days. It also allows us to ensure we have consistent messaging; however, I am happy to separate the reviews again if that helps.

ESA's release could connect these two things for the public given the content/timing, and our goal was to coordinate both to avoid these topics from being conflated. -Josh

From: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>
Sent: Tuesday, February 22, 2022 2:43 PM
To: Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>; FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>; Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Shearer, Jon E. (HQ-TA000) <jon.e.shearer@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
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Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

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Requester: Rebecca Heilweil

Request #: 22-HQ-F-00392

6 page(s) containing duplicate information
is/are held in the file.

RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

From: Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>
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Sent: February 24, 2022 12:08:03 PM EST
Received: February 24, 2022 12:08:04 PM EST

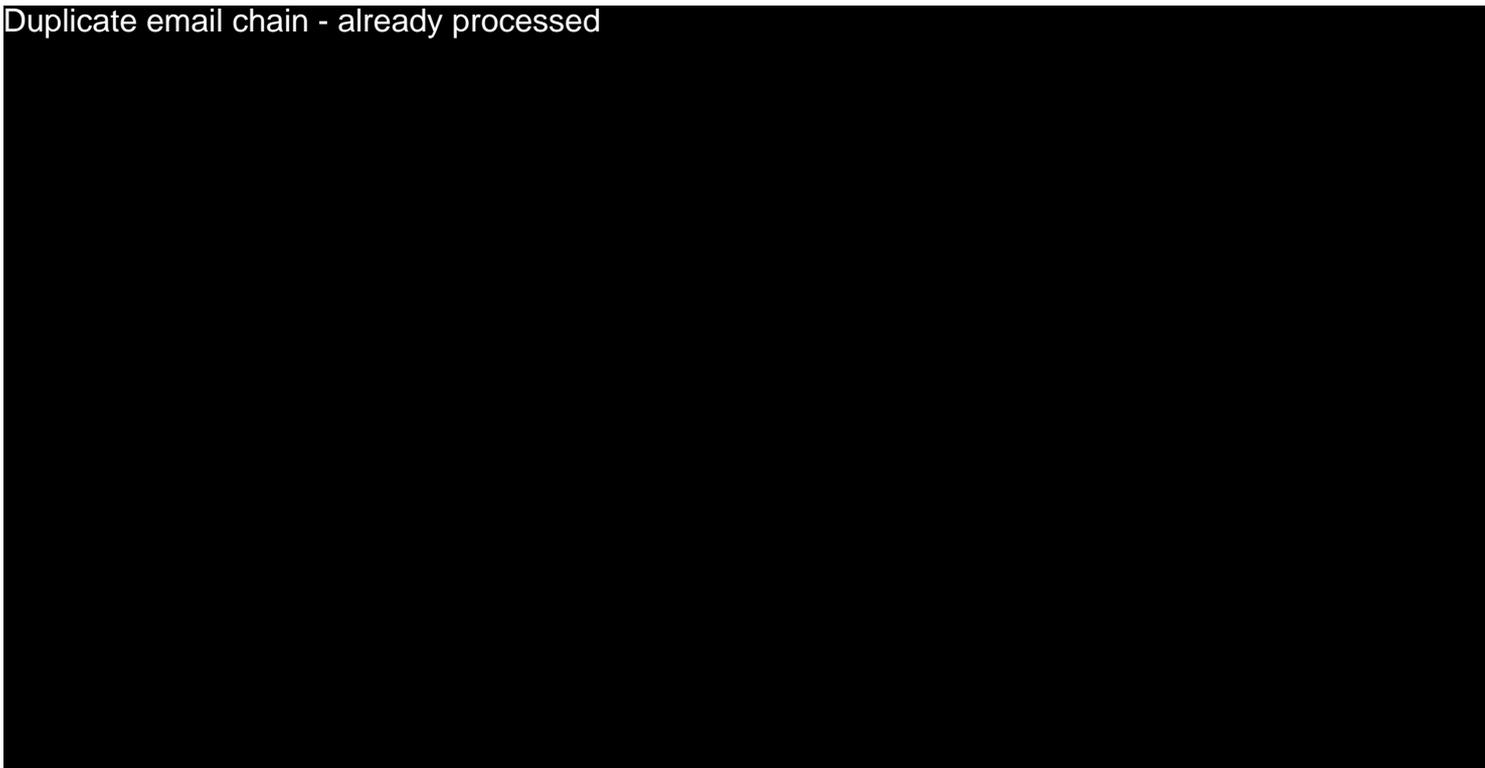
Thanks, Josh – OIIR concurs.

Best,

Patrick

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
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Subject: RE: [EXTERNAL] UPI reporter request on ISS and Russia tension

Duplicate email chain - already processed



Deletion Page

Requester: Rebecca Heilweil

Request #: 22-HQ-F-00392

9 page(s) containing duplicate information
is/are held in the file.

[EXTERNAL] Social media strategy

From: Alison Koehler <Alison.Koehler@ext.esa.int>
To: matthias.j.maurer@nasa.gov, Maurer, Matthias J (JSC-CB611)[INTERNATIONAL PARTNER ASTRONAUT] <matthias.j.maurer@nasa.gov>
Cc: Marco Trovatiello <Marco.Trovatiello@esa.int>, Carmen Diener <Carmen.Diener@esa.int>, Melanie Cowan <Melanie.Cowan@esa.int>, Andrea Conigli <Andrea.Conigli@esa.int>, Cowan, Melanie R. (JSC-OT)[EUROPEAN SPACE AGENCY] <melanie.cowan@esa.int>, Conigli, Andrea (JSC-OA111)[EUROPEAN SPACE AGENCY] <andrea.conigli@esa.int>
Sent: February 25, 2022 8:37:19 AM EST
Received: February 25, 2022 8:37:30 AM EST

Hi Matthias,

I hope you're doing ok. With the current attacks on Ukraine, we are conscious of achieving the right tone on social media and plan to focus more on the science and operations you're supporting on Station rather than Earth imagery or more other posts at this time. We wanted to check in re how things are for you and whether you agree with this approach? Also, in light of this, any additional imagery of life on board, science, operations etc. that you may have or be able to take over the weekend would be really appreciated. Even just an update on the situation on board for our own understanding at the moment would be great.

We posted yesterday and today (with a gif) about the unpacking of Cygnus cargo and the Polar facility that keeps science samples cool. Tomorrow we have a 360 timelapse video of you working on Fluidics in Columbus and on Monday we have a post of your patch and the Nebra Sky Disc in Cupola linking to an article Laura wrote about this with the Museum in Halle. We also have some nice videos edited/approved (thanks to Melanie) of Tonometry and your Moochi interview with Kayla and will coordinate with Rachel Barry and Nicole from ISS science around publication next week.

In some positive news, following and engagement continues to increase across all your social channels. Throughout February, your Twitter following has increased by 1,938 to 43.2K. Your Instagram following increased by 4,544 to 82.4K and your Facebook following increased by 5,398 to 26K. Engagement was particularly high around February 19 when we posted a selection of highlight photos from your first 100 days of Cosmic Kiss and your top post was the images of Catania, with smoke from Etna visible.

All the best up there – looking forward to hearing from you.

Ally.

EJR-Quartz for ESA - European Space Agency

Alison Koehler
Senior Editor for Human and Robotic Space Exploration

ESA Explores Podcast Host → [pod.link](#)

<<https://gcc02.safelinks.protection.outlook.com/?url=https://pod.link/1463873320&data=04|01|matthias.j.maurer@nasa.gov|7d1e035f8b1a4ea4f4b708d9f863f6ff|7005d45845be48ae8140d43da96dd17b|0|637813930507857970|Unknown|TWfPbGZsb3d8eyJWljoicMC4wLjAwMDAiLCJQljoicV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=giZXVeD0UeY1Z2RwqD77F3z9rOANrGEw+gP1phneIEg=&reserved=0>>

EAC - European Astronaut Centre
Communication Department

Linder Höhe, 51147 Cologne, Germany
e: alison.koehler@ext.esa.int p: +491755796273

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Re: [EXTERNAL] Alumni Association Board of Trustees Meeting

From: Shan Pesaru (b) (6)
To: Sheheane, Dene H (b) (6); Summers, Karen L (b) (6); Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>
Sent: February 25, 2022 4:35:40 PM EST
Received: February 25, 2022 4:36:03 PM EST

Robyn, it was kind of you to let us know. Thanks for taking time out to send us a note. I can only imagine all that you're having to juggle with current world matters. If there's anyone that can handle it, it is you and I'm cheering you on from Atlanta, GA, Earth.

From: Sheheane, Dene H (b) (6)
Sent: Friday, February 25, 2022 3:46:39 PM
To: Summers, Karen L (b) (6); Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Shan Pesaru (b) (6)
Subject: RE: [EXTERNAL] Alumni Association Board of Trustees Meeting

Robyn,

As Karen said, we completely understand. Thanks for what you do for GT and for our country.

Dene

Dene Sheheane, Mgt '91 | President

Georgia Tech Alumni Association

190 North Ave. NW Atlanta Georgia 30313

p. (b) (6)

From: Summers, Karen L (b) (6)
Sent: Friday, February 25, 2022 9:41 AM
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Sheheane, Dene H (b) (6); Shan Pesaru (b) (6)
Subject: RE: [EXTERNAL] Alumni Association Board of Trustees Meeting

Robyn: Of course. We totally understand. Thank you for all you are doing.

Karen

From: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>
Sent: Friday, February 25, 2022 9:31 AM
To: Summers, Karen L (b) (6); Sheheane, Dene H (b) (6); Shan Pesaru (b) (6)
Subject: Re: [EXTERNAL] Alumni Association Board of Trustees Meeting

Hi Karen, Dene, and Shan,

With the events continuing to evolve in Ukraine this week, I'm being pulled to work NASA International Space Station sensitive issues. I will try to tie into the BOD meeting but may be pretty hit and miss.

Robyn

From: (b) (6)
When: 10:00 AM - 3:00 PM February 25, 2022
Subject: [EXTERNAL] Alumni Association Board of Trustees Meeting
Location: Alumni Association (Ballroom)

Adding remote information below. Thank you.

Microsoft Teams meeting

Join on your computer or mobile app

Click here to join the meeting <https://gcc02.safelinks.protection.outlook.com/ap/t-59584e83/?url=https://teams.microsoft.com//meetup-join/19%3ameeting_YTJhMTRhMjctOTkyYy00NDU0LWFiOGMtZGI1NGY2MjMyNGI0%40thread.v2/0?context=%7b%22Tid%22%3a%22482198bb-ae7b-4b25-8b7a-6d7f32faa083%22%2c%22Oid%22%3a%22c565f52a-1e4f-4ee4-9519-32ab91d6b434%22%7d&data=04|01|robyn.gatens@nasa.gov|9433a198bf0d4ffe50a408d9f8a6d200|7005d45845be48ae8140d43da96dd17b|0|0|637814217639295986|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=jlt/48fyqn0M3Up/E+cNk4VHzsnfdLRCVIF12SvHk=&reserved=0>

Or call in (audio only)

(b) (6) United States, Atlanta

Phone Conference ID: (b) (6)

Find a local number <<https://gcc02.safelinks.protection.outlook.com/?url=https://dialin.teams.microsoft.com/42afbc41-db95-4099-bc31-3212cb4e5b8b?id=399606246&data=04|01|robyn.gatens@nasa.gov|9433a198bf0d4ffe50a408d9f8a6d200|7005d45845be48ae8140d43da96dd17b|0|0|637814217639295986|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=6Ho4BbIKJZsKRuraKgXW5NP8Kf2YKEkY5/Q/fxBV7Vo=&reserved=0>> | Reset PIN
<<https://gcc02.safelinks.protection.outlook.com/?url=https://mysettings.lync.com/pstnconferencing&data=04|01|robyn.gatens@nasa.gov|9433a198bf0d4ffe50a408d9f8a6d200|7005d45845be48ae8140d43da96dd17b|0|0|637814217639295986|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=1aaQS9Ty7vRATI1ovybjdcujVpkuja0xWecfmBLRR5Q=&reserved=0>>

Learn More

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<<https://gcc02.safelinks.protection.outlook.com/?url=https://services.gatech.edu/&data=04|01|robyn.gatens@nasa.gov>>

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WFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ik1haWwiLCJXVCI6Mn0=|3000&sdata=Pmr/0jqb1
LoO0975z1Y0C4XYgwrp9G9N3JSb/CX2U=&reserved=0> | Meeting options
<https://gcc02.safelinks.protection.outlook.com/?url=https://teams.microsoft.com/meetingOptions/?organizerId=c565f5
2a-1e4f-4ee4-9519-32ab91d6b434&tenantId=482198bb-ae7b-4b25-8b7a-
6d7f32faa083&threadId=19_meeting_YTJhMTRhMjctOTkyYy00NDU0LWFiOGMtZGI1NGY2MjMyNGI0@thread.v2&m
essageId=0&language=en-
US&data=04|01|robyn.gatens@nasa.gov|9433a198bf0d4ffe50a408d9f8a6d200|7005d45845be48ae8140d43da96dd1
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LCJXVCI6Mn0=|3000&sdata=wdOW8JR7oumbw+wNuoO6owdWP80dmL0SooFo4I7hojU=&reserved=0>

Fwd: [EXTERNAL] SBU//FOUO) TFUA01: Ukraine Task Force SitRep No. 31

02.26.2022 0705 ET

From: Feldstein, Karen C. (HQ-TA000) <karen.c.feldstein@nasa.gov>
To: Nelson, Bill (HQ-AA000) <bill.nelson@nasa.gov>, Melroy, Pamela A. (HQ-AB000) <pamela.a.melroy@nasa.gov>, Cabana, Robert D. {HQ-Associate Administrator} (KSC-AI000) <robert.d.cabana@nasa.gov>
Cc: Dalton, Bale (HQ-AH000) <bale.dalton@nasa.gov>, Quinn, Susie Perez (HQ-AH000) <susie.p.quinn@nasa.gov>, Cremins, Tom (HQ-AA000) <tom.cremins-1@nasa.gov>
Sent: February 26, 2022 2:11:26 PM EST
Received: February 26, 2022 2:11:28 PM EST

For awareness, State cable/situation report.

Begin Forwarded Message

From: SMART Core <svcsmartbtsewshprec2@state.gov>
Sent: Saturday, February 26, 2022 1:28 PM
Subject: (SBU//FOUO) TFUA01: Ukraine Task Force SitRep No. 31 02.26.2022 0705 ET

UNCLASSIFIED
SBU

Action Office:

ECON, CONS, ALDACS, POL, DAO, EXEC, RSO, USSS, IMO, ORA, ODC, NASA, MGT, LEGAT

MRN:

22 STATE 18396

<<https://gcc02.safelinks.protection.outlook.com/?url=http://repository.state.gov/searchcenter/Results.aspx?k=mrn%3a%2222%20STATE%2018396%22&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881838596|Unknown|TWfPbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0=|3000&sdata=OdNTS2BZYKkR2nY2tx+VV2aNEt492mjGmYaAig2IUIQ=&reserved=0>>

Date/DTG:

Feb 26, 2022 / 261220Z FEB 22

From:

SECSTATE WASHDC

Action:

CDR USSOCOM MACDILL AFB FL IMMEDIATE; CDR USSOUTHCOM MIAMI FL IMMEDIATE; ALL DIPLOMATIC AND CONSULAR POSTS COLLECTIVE IMMEDIATE

E.O.:

13526

TAGS:

AEMR, AMGT, ASEC, CASC, EAIR, ELTN, ECON, MARR, PBTS, PGOV, PINS, PINR, PREL, 3A, 3E, BY, MD, PL, RO, RU, UA, KGLO, EUN, NATO, NUC, OSCE

Captions:

SENSITIVE

Pass Line:

INFORM CONSULS

Subject:

(SBU//FOUO) TFUA01: Ukraine Task Force SitRep No. 31 02.26.2022 0705 ET

TFUA01 - Ukraine SitRep No. 31

Saturday, February 26, 2022

0705 ET

SITUATION ON THE GROUND

- (U) Street battles were ongoing throughout Kyiv. At Beresteiska subway station, near the Embassy, Ukrainian soldiers held off a column of Russian troops. (UkrPravda
<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.pravda.com.ua/rus/news/2022/02/26/7326009/&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881838596|Unknown|TWFpbGZsb3d8eyJWIjojMC4wLjAwMDAiLCJQIjojV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=o4oMNRTSvWL15brKaOje5z4GjHv61h3SrgF4GvV4Dzo=&reserved=0>>
- (U) Ukraine's Health Minister reported the death toll in Ukraine reached 198 today, with 1,115 injured. The Interior Ministry said no casualties were reported after a missile strike hit a residential building near Sikorsky Airport in Kyiv.(Facebook
<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.facebook.com/viktor.liashko/posts/2569220276543414&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881838596|Unknown|TWFpbGZsb3d8eyJWIjojMC4wLjAwMDAiLCJQIjojV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=x7adxbM1UIKDr7CkVrqrw88Z/qMRq3Hd/hlqNivkff+o=&reserved=0>>, Twitter
<<https://gcc02.safelinks.protection.outlook.com/?url=https://twitter.com/DmytroKuleba/status/1497463617767227395&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881838596|Unknown|TWFpbGZsb3d8eyJWIjojMC4wLjAwMDAiLCJQIjojV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=eAQfi1EYhx8U2Xfm7GqGN+Xj0P7aYbeEammuE7r2U20=&reserved=0>>

- (U) Ukraine's State Agency for Special Communications said Ukraine's air defense shot down a second Russian transport aircraft south of Kyiv. (Kyiv Independent
<[#### IMPACT ON OPERATIONS](https://gcc02.safelinks.protection.outlook.com/?url=https://twitter.com/KyivIndependent/status/1497392300019920897&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881838596|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=Gnpw+NP/N82SoB7QN9jpDunR0sGcsHHYVz3+oOF853M=&reserved=0>)
• (SBU) Reports from Kyiv accused Russian forces of attempting to seize Ukrainian government buildings wearing Ukrainian military uniforms. (EUR)
• (SBU) Ukrainian authorities were strictly enforcing the exit restriction on Ukrainian males aged 18 to 60. Males of military age must show identifying documents to prove they are not Ukrainian to exit. (Embassy Kyiv)

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- (SBU) Twenty-four of the 26 American Spaces network in Ukraine are in cities that have been attacked by Russian forces. The only spaces not impacted are in towns near the border of NATO-affiliated countries. (Embassy Kyiv)

SUPPORT FOR U.S. CITIZENS

- (SBU) Consular Affairs sent out Security Alerts for U.S. citizens in Russia
<<[#### FLIGHTS AND TRANSPORTATION](https://gcc02.safelinks.protection.outlook.com/?url=https://ro.usembassy.gov/message-for-u-s-citizens-u-s-embassy-bucharest-romania-2/&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=BwM2fr2CQkBBESSMZDAAUgpdvDxN8RM2zP4CVHnmDcA=&reserved=0> to monitor changing security conditions. (CA)

</div>
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- (U) Bulgaria, Poland, Estonia, Latvia, and Czech Republic closed their airspaces to Russian carriers. (@SamRamani2
<

The Insider

<https://gcc02.safelinks.protection.outlook.com/?url=https://theins.ru/politika/248901#1434&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0=|3000&sdata=0X Sr0rOQAzf8kgKroliJHmLPkF6y78/qok1kcdbOS8o=&reserved=0>

- (U)The EU banned the sale of planes, spare parts, and any technology related to aviation and space to Russia. Europe exported nearly \$3 billion of such goods to Russia in 2021 alone. (Reuters

<https://gcc02.safelinks.protection.outlook.com/?url=https://www.reuters.com/business/aerospace-defense/airline-industry-shifts-attention-russia-risks-after-ukraine-closure-2022-02-25/&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0=|3000&sdata=0cxe9uc1I56iXwtFdpXJ65gyaLfXiePrxRTYtsp2Ddo=&reserved=0>

HUMANITARIAN AND REFUGEE ISSUES

- (SBU) Compared to reported averages from February 22 and 23, land border crossings from the past 24 to 48 hours are more than three times higher from Ukraine to Poland; around six times higher to Moldova; and more than twice as high to both Romania and Slovakia. Many border crossing points out of Ukraine were overwhelmed, with wait times as long as 20 hours to cross into Poland(M/SS Center for Analytics, Embassy Kyiv)

Country

Land Crossings from Ukraine1

Sources

Poland

127,328

22 WARSAW 196

<https://gcc02.safelinks.protection.outlook.com/?url=https://ism.smart.state.sbu/#/search/22%20WARSAW%20196&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0=|3000&sdata=pJbOrbfxTV1E2lpfeTIPTY/BZdF/ON9u1jyxihMGXoE=&reserved=0>

Moldova

31,508

22 CHISINAU 196

<https://gcc02.safelinks.protection.outlook.com/?url=http://repository.state.gov/searchcenter/Results.aspx?k=mrn%3a%2222%20CHISINAU%20196%22&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0=|3000&sdata=P+qkT3fIN7/aikBj5WgiJ6ovJu2NM0izGbgBAspYIP4=&reserved=0>

Slovakia

8,168

22 BRATISLAVA 124

<<https://gcc02.safelinks.protection.outlook.com/?url=https://ism.smart.state.sbu/#/search/22%20BRATISLAVA%20124&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=++mlq9dEw2b76eXukeXhpfogGxP0QhmekbmcKlyyurU=&reserved=0>>

Romania

5,300

22 BUCHAREST 194

<<https://gcc02.safelinks.protection.outlook.com/?url=https://ism.smart.state.sbu/#/search/22%20BUCHAREST%20194&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=UoQtd00kcE4TKnGolpSsjPDioiuxWEWWU+NjdF8bms2A=&reserved=0>>

Hungary

Not reported

22 BUDAPEST 166

<<https://gcc02.safelinks.protection.outlook.com/?url=https://ism.smart.state.sbu/#/search/22%20BUDAPEST%20166&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=F0e6jFa1JJNWr8JHtxHGyXv+H5CMX4wkw8+KQFF6SEQ=&reserved=0>>

1Cumulative crossings as reported from Posts since Feb. 22; current as of February 26, 0600 ET. Sourced from various host country government authorities.

- (SBU) The Belarusian State Border Committee posted on its official Telegram channel that over the past 24 hours, a total of 145 people had crossed from Ukraine into Belarus 111 Belarusian citizens, 12 Ukrainian citizens, and 22 citizens of other countries. (22 Minsk 158

<<https://gcc02.safelinks.protection.outlook.com/?url=http://repository.state.gov/searchcenter/Results.aspx?k=mrn%3a%2222%20MINSK%20158%22&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=LCv0WEK/T4gReLN+UOq7TfvepDrymfguLFm+YMyhZxM=&reserved=0>>

INTERNATIONAL REACTIONS

- (SBU) At least 27 nations have agreed to provide military aid to Ukraine. Poland started delivering ammunition to the Ukrainian forces by land, and Estonia and Latvia said they are beginning to truck fuel, Javelin anti-armor weapons, and supplies to the Ukraine border for hand-off to Ukrainian forces. (Politico

<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.politico.com/news/2022/02/25/nato-ukraine-russia-zelenskyy-00012068&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=IT1uZAJ1/Wdn50+VDialsq4Hn/7b34mNwbZ+g0wDdUs=&reserved=0>>

- (U) The governments of Denmark, the Netherlands, and Czechia each announced approvals of military aid to

Ukraine. Denmark will send 2,000 protective vests, the Netherlands will supply 200 Stinger anti-aircraft missiles, and Czechia will donate weapons totaling nearly \$8.5 million USD. Slovenia will send helmets, rifles, and ammunition. (TV 2 News <<https://gcc02.safelinks.protection.outlook.com/?url=https://nyheder.tv2.dk/politik/2022-02-26-regeringen-sender-2000-beskyttelsesveste-til-ukraine&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikh1haWwiLCJXVCI6Mn0=|3000&sdata=nI5iG3SrrjS/CZdPTOlBjYwN8WVjyUdK2zxQq01JLA=&reserved=0>>, RTL News <<https://gcc02.safelinks.protection.outlook.com/?url=https://www.rtlnieuws.nl/nieuws/nederland/artikel/5291078/200-nederlandse-luchtdoelraketten-naar-oukrajine-oorlog-rusland&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikh1haWwiLCJXVCI6Mn0=|3000&sdata=T9RtcWD4jAL+q3mWGi+iEqKHw5TDIStina1jRNGOYb4=&reserved=0>>, The Times of Israel <<https://gcc02.safelinks.protection.outlook.com/?url=https://twitter.com/TOIAlerts/status/1497510003833401346&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikh1haWwiLCJXVCI6Mn0=|3000&sdata=hZ3oUTDkVxcQqbEtk+XPpvi6RWmq1XIQjHp+aBhRxqY=&reserved=0>>, 24ur <<https://gcc02.safelinks.protection.outlook.com/?url=https://www.24ur.com/novice/slovenija/tonin-slovenija-bo-ukrajini-pomagala-z-orozjem.html&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikh1haWwiLCJXVCI6Mn0=|3000&sdata=RsP5SgY+nEK5xbmmM8WetdMjCODNaM2KCbfvGN3zts=&reserved=0>>)

- (U) The UK offered to support delivery to the Ukrainian armed forces of ammunition and anti-tank weapon donated by other countries. (Sky News

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- (U) Pope Francis went to the Russian embassy to the Holy See February 25 to relay his concern over Russia's invasion of Ukraine to Moscow's ambassador, in an unprecedented departure from diplomatic protocol. (Reuters <<https://gcc02.safelinks.protection.outlook.com/?url=https://twitter.com/phildstewart/status/1497190867462987779&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQljojV2luMzliLCJBTiI6Ikh1haWwiLCJXVCI6Mn0=|3000&sdata=f5mC2k6hESHZICJ+JgeQ+xb0LjHjvhOrLpW0J55SSDc=&reserved=0>>)

- (U) Roscosmos Director Rogozin announced Russia is suspending cooperation with European partners in space launches from French Guiana in response to EU sanctions. (Twitter

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- (U)The Council of Europe suspended Russia's rights of representation. (Council of Europe

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• (U) Italy reportedly stated its support to block Russia from SWIFT, while Cyprus confirmed it would not block the decision. (Reuters
<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.reuters.com/business/finance/italys-draghi-supports-russias-disconnection-swift-zelenskiy-2022-02-26/&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=yB9jTL/oP2paTKlieM2xJV6bPjR+R4Sz549J1RgwsB0=&reserved=0>>, Dmytro Kuleba via Twitter
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• (U) Israel's FM Lapid decided to evacuate Israeli diplomats from their interim embassy in Lviv. (@BarakRavid
<https://gcc02.safelinks.protection.outlook.com/?url=https://twitter.com/BarakRavid/status/1497509450743222275?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Etweet&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=MZE+DneWzIoyllibr+XMbW4fTk+JvD5rRH/RJSPBi6c=&reserved=0>)

• (U) Russian media regulator demanded the removal of 10 Russian media channels after they referred to Russian military actions in Ukraine as "war." (The Moscow Times
<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.themoscowtimes.com/2022/02/26/russia-bans-media-outlets-from-using-words-war-invasion-a76605&data=04|01|bill.nelson@nasa.gov|894e1c31903e4a697f4208d9f95bc980|7005d45845be48ae8140d43da96dd17b|0|0|637814994881994540|Unknown|TWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikl1haWwiLCJXVCi6Mn0=|3000&sdata=ZiVirXwBcYyCy2mRnpdlisEal7GfM40HEnlmAcJj7bk0=&reserved=0>>)

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FW: [EXTERNAL] ESA statement regarding cooperation with Russia following a meeting with Member States on 28 February 2022

From: Feldstein, Karen C. (HQ-TA000) <karen.c.feldstein@nasa.gov>
To: Nelson, Bill (HQ-AA000) <bill.nelson@nasa.gov>, Melroy, Pamela A. (HQ-AB000) <pamela.a.melroy@nasa.gov>, Cabana, Robert D. {HQ-Associate Administrator} (KSC-AI000) <robert.d.cabana@nasa.gov>
Cc: Quinn, Susie Perez (HQ-AH000) <susie.p.quinn@nasa.gov>, Lueders, Kathryn L. (KSC-CA000) <kathryn.l.lueders@nasa.gov>, Bowersox, Kenneth D. (HQ-CA000) <kenneth.d.bowersox@nasa.gov>, Zurbuchen, Thomas H. (HQ-DA000) <thomas.h.zurbuchen@nasa.gov>, McKay, Meredith (HQ-TA000) <meredith.mckay@nasa.gov>, Cremins, Tom (HQ-AA000) <tom.cremins-1@nasa.gov>, Dalton, Bale (HQ-AH000) <bale.dalton@nasa.gov>
Sent: February 28, 2022 11:05:27 AM EST
Received: February 28, 2022 11:05:28 AM EST

As discussed – statement just issued re ESA cooperation with Russia. Adding Kathy and Thomas.

Matt is our NASA European Representative based on US Embassy Paris and will continue reporting.

Karen

From: "Koepppe, Matthew T (HQ-TA000)" <matthew.t.koepppe@nasa.gov>
Date: Monday, February 28, 2022 at 11:02 AM
To: Karen Feldstein <karen.c.feldstein@nasa.gov>, Meredith McKay <meredith.mckay@nasa.gov>
Subject: Fwd: [EXTERNAL] ESA statement regarding cooperation with Russia following a meeting with Member States on 28 February 2022

Just in as promised.

Begin Forwarded Message:

From: "ESA Media Relations" <media@esa.int>
Subject: [EXTERNAL] ESA statement regarding cooperation with Russia following a meeting with Member States on 28 February 2022
Date: 28 February 2022 16:55
To: "Koepppe, Matthew T (HQ-TA000)" <matthew.t.koepppe@nasa.gov>

ESA statement regarding cooperation with Russia following a meeting with Member States on 28 February 2022

28 February 2022

We deplore the human casualties and tragic consequences of the war in Ukraine. We are giving absolute priority to taking proper decisions, not only for the sake of our workforce involved in the programmes, but in full respect of our European values, which have always fundamentally shaped our approach to international cooperation.

ESA is an intergovernmental organisation governed by its 22 Member States and we have built up a strong network of international cooperation over the past decades, which serves the European and global space community through its

very successful programmes.

We are fully implementing sanctions imposed on Russia by our Member States. We are assessing the consequences on each of our ongoing programmes conducted in cooperation with the Russian state space agency Roscosmos and align our decisions to the decisions of our Member States in close coordination with industrial and international partners (in particular with NASA on the International Space Station).

Regarding the Soyuz launch campaign from Europe's Spaceport in Kourou, we take note of the Roscosmos decision to withdraw its workforce from Kourou. We will consequently assess for each European institutional payload under our responsibility the appropriate launch service based notably on launch systems currently in operation and the upcoming Vega C and Ariane 6 launchers.

Regarding the ExoMars programme continuation, the sanctions and the wider context make a launch in 2022 very unlikely. ESA's Director General will analyse all the options and prepare a formal decision on the way forward by ESA Member States.

ESA continues to monitor the situation in close contact with its Members States.

Further information

More information about ESA: www.esa.int

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About the European Space Agency

The European Space Agency (ESA) provides Europe's gateway to space.

ESA is an intergovernmental organisation, created in 1975, with the mission to shape the development of Europe's space capability and ensure that investment in space delivers benefits to the citizens of Europe and the world.

ESA has 22 Member States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland and the United Kingdom. Slovenia, Latvia and Lithuania are Associate Members.

ESA has established formal cooperation with six Member States of the EU. Canada takes part in some ESA programmes under a Cooperation Agreement.

By coordinating the financial and intellectual resources of its members, ESA can undertake programmes and activities far beyond the scope of any single European country. It is working in particular with the EU on implementing the Galileo and Copernicus programmes as well as with Eumetsat for the development of meteorological missions.

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<https://gcc02.safelinks.protection.outlook.com/?url=https://u7061146.ct.sendgrid.net/ls/click?upn=4tNED-2FM8iDZJQyQ53jATUeYfdhr1xEBQnaPhR2RKx1sRIPEM87Pnj-2BDV1E-2B6RfCUjCNAMP7uUbxysIIN-2F29D2m5-2FqfJnwfkoZ3vgct-2B0XR47sqfn5wfOzRsjWU80ctCaO-2FmLcmsVsWNGBIZ9DiC2bIOU2iOB4rIkCdPii5yWC6x0-3DUiL9_MQUFcoWv1-2FLxBDNNs3puw3WRpTEBnqd8lv2xIkduZFfKKnBDiv5oJXgjtBp5tpnNqc1kubekazsGISEB2O41bbfCrNI8QF3S1J2hR-2B8OaAZhfZDZxacA8JKiE0eUZMTGIGknsG8lipCRNNgECkDoMVbOaxnkmqgQ1RP3uflH-2BnWxdYZjK4y7FSgkbwvQ5L2pkIDWTWVJ-2Fh5GbKoOrBITmrXEYS6kdsrWoh71Raxkc8MTeVUVTvyJlfQxcwkp3kL0TkWwUjheP-2FdrEBKybRlpgL-2F6tzkplAgDAXIChjMVRcC2bYCLLxXAIE2dPRgQyiJG3L4jo2p3ctgzBkG-2FucvIWomnCKZzLGnkPI6Ke-2BrqNQ-3D&data=04|01|bill.nelson@nasa.gov|0956d563a2f6474c5e8608d9fad422a8|7005d45845be48ae8140d43da96dd17b|0|0|637816611290932885|Unknown|TWfPbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQljoIV2luMzliLCJBTil6Ik1haWwiLCJXVCi6Mn0=|3000&sdata=EJwTihWma4XLHclG4+1aL97WheuA5Z27KpJ3IPufcmQ=&reserved=0>
ESA - European Space Agency (HQ), 24, rue du Général Bertrand, 75007, Paris | France

FW: Critical Commodities Memo & other Ukraine info

From: Lockwood, Glen W. (HQ-GC000) <glen.lockwood@nasa.gov>
To: Neumann, Benjamin J. (HQ-CN000) <benjamin.j.neumann@nasa.gov>, Smith, Bradley W (HQ-CF000) <bradley.smith@nasa.gov>, Younes, Badri (HQ-CG000) <badri.younes-1@nasa.gov>, Mcconnaughey, Paul K. (MSFC-CA000) <paul.k.mcconnaughey@nasa.gov>, Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>
Sent: March 1, 2022 11:22:57 AM EST
Received: March 1, 2022 11:23:16 AM EST
Attachments: Interos_Commodities Memo_20220224[1].pdf

FYI. I passed this info on to the SOMD CSOs as well.

Best,

Glen

From: Mcmillian, Shandy P. (HQ-GC000) <shandy.p.mcmillian@nasa.gov>
Sent: Tuesday, March 1, 2022 10:44 AM
To: Deckert, George F. (JSC-GC000) <george.f.deckert-1@nasa.gov>; Ruiz, Sarah G. (JSC-NA131) <sarah.g.ruiz@nasa.gov>; Crisler, John P. (MSFC-QD01) <john.p.crisler@nasa.gov>; Cyphert, Jeffrey H. (JSC-NA131) <jeffrey.h.cyphert@nasa.gov>; Hartline, Thomas W. (HQ-CM000) <tom.hartline@nasa.gov>; Childress, Lori J. (JSC-NA131) <lori.j.childress@nasa.gov>; Mcclam, Kevin J. (JSC-NA131) <kevin.j.mcclam@nasa.gov>; Mullane, Daniel J. (MSFC-QD02) <daniel.j.mullane@nasa.gov>; Pham, Vuong T. (JSC-NC111) <vuong.t.pham@nasa.gov>; Branard, John J. (KSC-SA000) <john.j.branard@nasa.gov>; Hamilton, Jeffrey T. (KSC-SAF00) <jeff.hamilton@nasa.gov>; Ross, Scott D. (JSC-NA131) <scott.d.ross@nasa.gov>
Cc: Kirasich, Mark A. (JSC-CQ000) <mark.a.kirasich@nasa.gov>; Whitmeyer, Tom (HQ-CM000) <tom.whitmeyer@nasa.gov>; Chavers, Greg (MSFC-CA011) <greg.chavers@nasa.gov>
Subject: Critical Commodities Memo & other Ukraine info

Attached is an analysis of supply chain materials affected by the current Ukraine invasion. It just came to us via our Supply Chain Risk Management (SCRM) Working Group. Please feel free to pass along to anyone I missed.

Thx,

Shandy McMillian

SMA Senior Advisor, Exploration Systems Development Mission Directorate

Office of Safety & Mission Assurance

Missions & Programs Assessment Division

NASA HQ, Rm 5D79

shandy.p.mcmillian@nasa.gov

(202) 358-0461 (Office)

(b) (6) (iPhone)

Attachment

1. Interos_Commodities Memo_20220224[1].pdf

Type: application/pdf
Size: 2 MB (2,823,673 bytes)

Attachment #1

Interos_Commodities Memo_20220224[1].pdf

Original view

21 pages (displayed on pages 5 to 25)

Deletion Page

Requester: Rebecca Heilweil

Request #: 22-HQ-F-00392

This document contains:

21 Page(s) deleted as non-responsive per the parameters of the request.

Description: Per agreement, we are excluding the copy righted article that was sent as an attachment.

FW: [EXTERNAL] Re: WSJ -- space station story

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>, Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>, Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>, Mcalister, Philip (HQ-CP000) <philip.mcalister@nasa.gov>
Cc: Pagel, K L. (HQ-CP000) <k.l.pagel@nasa.gov>, Timm, Marc G. (KSC-CP000) <marc.g.timm@nasa.gov>, Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>, Schierholz, Stephanie (HQ-NA020) <stephanie.schierholz@nasa.gov>
Sent: March 1, 2022 7:05:24 PM EST
Received: March 1, 2022 7:05:25 PM EST

Hi all- Please see the read out below from the WSJ on its story planned for tomorrow. FYI, Micah Maidenberg also shared the comment he received from Roscosmos on ISS extension: "As of now, Roscosmos has a permission from the Government to operate the ISS only until 2024. And the question of prolonging the agreement under the current conditions causes our skepticism."

With that, let me know if you have any feedback as (b) (5)

(b) (5)

Thanks, Josh

From: Maidenberg, Micah <micah.maidenberg@wsj.com>
Sent: Tuesday, March 1, 2022 6:08 PM
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Subject: [EXTERNAL] Re: WSJ -- space station story

Josh:

I wanted to give you a read out about the story I've been preparing about the ISS, just so NASA isn't surprised about anything.

Again, the piece focuses in part on the comments from Roscosmos, which cast at least some doubt on the agency's future at the station beyond the work through 2024. I know I asked earlier but -- any comment from NASA about Roscosmos' remarks?

The story is likely to say that the comments create uncertainty around NASA's plans for transition the ISS. Any comment here?

The piece, which I believe we may publish tomorrow, is likely to note that Russia plays an important role on the Space Station, collaborating with other astronauts on experiments and research. I plan to point out that Russian hardware (the service module and Cargo spacecraft) has been providing boosts for the station, to keep it in orbit.

For the story, I spoke with a former US space leader who described the current situation as unknown and said what happens next depends on what the Russian do and how the ISS partners respond to handle a transition. Any comment here from NASA?

The piece is also expected to remind readers that NASA began planning for deorbiting the ISS before the current situation with Russia and Ukraine, given that the facility is entering its third decade in service. The piece would likely point out that while NASA wants to extend ops at ISS through 2030, Roscosmos hasn't committed to that date, per the Jan. transition report.

The story is also expected to explain NASA policy desire for privately run space station, referencing last year's awards to various teams. One person I spoke with who works at a company that is part of one team said the current situation with Russia show the need to have multiple facilities in orbit.

I also plan to note some of Kathy Lueders' comments during yesterday's Axiom call. She said, for example, that it would be difficult for NASA to upgrade the ISS on its own, given the international dimension of the station and that the collaboration there is what makes it such an amazing facility.

I plan to note some of Kathy's comments about how NASA is always looking for additional operational capacity at the station, and how she referenced Northrop's reboost capability and SpaceX's work on various measures.

The story provides some context about recent tensions in space, including Russia's satellite missile test last year; and Russia's move to suspend ops in French Guiana.

We plan to note again, that NASA officials have said that operations at the ISS haven't been affected the current tensions on the ground and that the station has navigated geopolitical tensions before. I also plan to reference remarks that Admin. Nelson made today at the NAC meeting.

Thanks Josh. That's it for now.

Micah

On Tue, Mar 1, 2022 at 11:38 AM Maidenberg, Micah <micah.maidenberg@wsj.com> wrote:

Hi Josh:

I'm working on a story for today about the ISS, focused in part on new comments from Roscosmos that indicate at least some skepticism from that agency about its participation in the International Space Station beyond its current mandate from the Russian government.

This is the full statement that Roscosmos sent to me: "As of now, Roscosmos has a permission from the Government to operate the ISS only until 2024. And the question of prolonging the agreement under the current conditions causes our skepticism."

Does NASA have a comment here? Is the agency concerned at all about potential Roscosmos withdrawal from the station?

Does NASA have any concerns that a potential Roscosmos withdrawal at the station could affect its plans to keep astronauts continuously in space via the CLD program and deorbit the station in 2031?

Is there anything further you can say about my inquiry regarding Kathy's comments regarding SpaceX?

Please let me know if NASA has a comment by mid-afternoon.

Micah

--

Micah Maidenberg

Reporter, The Wall Street Journal

(b) (6) Mobile/Messaging

micah.maidenberg@wsj.com

@MicahMaidenberg : Twitter

RE: Updated Statements Regarding Russia/ISS

From: Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
To: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>, Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>, Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Sent: March 2, 2022 9:37:08 AM EST
Received: March 2, 2022 9:37:09 AM EST

It's fine as is, but I would perhaps just make the minor change (see below in red), just adding "continue to be" planned and conducted. Emphasizes the situation hasn't really changed given the circumstances (at this point).

From: FINCH, JOSHUA A. (HQ-NA020) <joshua.a.finch@nasa.gov>
Sent: Tuesday, March 1, 2022 8:01 PM
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>
Cc: Anderson, Gina N. (HQ-NA020) <gina.n.anderson@nasa.gov>
Subject: FW: Updated Statements Regarding Russia/ISS

Hi all- FYI, MSFC PAO shared a media inquiry re: ISS work from a local reporter in Huntsville. The team already shared our official statement with the reporter, but also were asked about Marshall's ISS role.

Here's how Marshall plans to respond. Thanks, Josh

- "Marshall manages scientific experiments on the International Space Station from the Payloads Operations Integration Center in Huntsville, Alabama. We have established protocols with international partners including Russia to ensure joint science operations are continue to beplanned and conducted successfully. Our center's support to space station operations continues as normal."

From: Lee Roop (b) (6)@al.com>
Sent: Tuesday, March 1, 2022 8:30 AM
To: Anderson, Janet L. (MSFC-CS20) <janet.l.anderson@nasa.gov>
Subject: [EXTERNAL] Space station and Russia?

Hey, Janet, hope you're well. My editors would like me to "remind readers exactly what Huntsville/NASA Marshall does with respect to the International Space Station and ask about impacts (of) Russian invasion of Ukraine." I saw what headquarters said yesterday and will use that, but could you help me understand what the two teams historically cooperate on that Huntsville might have a hand in?

Thank you.

Lee

Lee Roop

AL.com

Huntsville, Al.

(b) [redacted] al.com
(c) [redacted]

(b) (6) [redacted]

Re: Update on the Fujisaki Subcommittee (March 9)

From: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>
To: Dorth, Gregory (JSC-OX111) <gregory.dorth-1@nasa.gov>, Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>, Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>
Cc: Mann, Gregory A (HQ-TE000) <gmann@nasa.gov>, Mcintosh, Garvey (HQ-TA000) <gmcintosh@nasa.gov>
Sent: March 10, 2022 12:00:00 PM EST
Received: March 10, 2022 12:00:00 PM EST

Good update, thanks much!

Robyn

From: "Dorth, Gregory (JSC-OX111)" <gregory.dorth-1@nasa.gov>
Date: Thursday, March 10, 2022 at 10:16 AM
To: "Parks, Andy (HQ-TE000)" <andrew.d.parks@nasa.gov>, "Gatens, Robyn (HQ-CJ000)" <robyn.gatens@nasa.gov>, Jacob Keaton <jacob.keaton@nasa.gov>
Cc: "Mann, Gregory A (HQ-TE000)" <gmann@nasa.gov>, "Mcintosh, Garvey (HQ-TA000)" <gmcintosh@nasa.gov>
Subject: RE: Update on the Fujisaki Subcommittee (March 9)

Thank you Andy! Really appreciate the info!

Greg

From: Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>
Sent: Thursday, March 10, 2022 9:10 AM
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Dorth, Gregory (JSC-OX111) <gregory.dorth-1@nasa.gov>
Cc: Mann, Gregory A (HQ-TE000) <gmann@nasa.gov>; Mcintosh, Garvey (HQ-TA000) <gmcintosh@nasa.gov>
Subject: FW: Update on the Fujisaki Subcommittee (March 9)

Hi all, please see the note from Garvey below. Thanks!
-Andy Parks

From: Mcintosh, Garvey (HQ-TA000) <gmcintosh@nasa.gov>
Sent: Thursday, March 10, 2022 10:03 AM
To: Feldstein, Karen C. (HQ-TA000) <karen.c.feldstein@nasa.gov>; McKay, Meredith (HQ-TA000) <meredith.mckay@nasa.gov>
Cc: Kirkham, Gib (HQ-TG000) <gib.kirkham@nasa.gov>; Tilman, Justin (HQ-TG000) <justin.tilman@nasa.gov>; Finley, Patrick T (HQ-TE000) <patrick.t.finley@nasa.gov>; Mcsweeney, Dennis (HQ-TE000) <dennis.mcsweeney@nasa.gov>; Bress, Kent G. (HQ-TF000) <kent.g.bress@nasa.gov>; Newman, Neal R. (HQ-TF000) <neal.r.newman@nasa.gov>; Mann, Gregory A (HQ-TE000) <gmann@nasa.gov>; Kuhl, Katelyn M. (HQ-TE000) <katelyn.m.kuhl@nasa.gov>; Parks, Andy (HQ-TE000) <andrew.d.parks@nasa.gov>; EWAN, SHANNON M. (HQ-TG000) <shannon.m.ewan@nasa.gov>; Blackstock, Peyton E. (HQ-TG000)[Affiliate] <peyton.e.blackstock@nasa.gov>
Subject: Update on the Fujisaki Subcommittee (March 9)

Hello Karen/Meredith et al,

U.S. Ambassador to Japan Rahm Emanuel requested an update on the recent Fujisaki Subcommittee meeting that

was held on March 9. Below is what I provided.

Hello Ambassador Emanuel,

Per your request in Country Team yesterday below is an update on the Fujisaki Subcommittee on ISS and Exploration that met yesterday (March 9) to discuss (b) (5)

(b) (5)

At the beginning of the meeting, the Subcommittee members discussed the situation in Ukraine, with MEXT sharing official statements from NASA and the European Space Agency (ESA), primarily focusing on NASA's statement that "we continue working with all our international partners, including the State Space Corporation Roscosmos for the ongoing safe operations of the International Space Station."

Meeting analysis: From the discussions yesterday (b) (5)

(b) (5)

Background: (b) (5)

(b) (5)

Garvey McIntosh

NASA Attache

U.S. Embassy Tokyo

U.S. Phone: +1-202-251-1678

In Japan: 080-5913-2148

Email: gmcintosh@nasa.gov

Email: mcintoshGA@state.gov

Re:

From: McGuinness, Jackie (HQ-NA000) <jackie.mcguinness@nasa.gov>
To: Nelson, Bill (HQ-AA000) <bill.nelson@nasa.gov>
Sent: March 15, 2022 8:25:39 AM EDT
Received: March 15, 2022 8:25:55 AM EDT
Attachments: 20220301 Future of Work Town Hall v2.docx

Hi Sir – Here are the lines from the speech. The full speech is attached.

Best,
Jackie

I want to take a moment to address (b) (5) the Russian and U.S. governments as a result of their attack on the people of Ukraine.

NASA remains committed to the seven crewmembers on board the International Space Station. NASA is continuing to work with all our international partners to continue safe operation of the ISS.

I know many of you support the ISS every day. And I want to ensure you that we are laser focused on our people, as well as our missions on Station. We have been meeting almost daily for three weeks to ensure the safe operations of the ISS.

It is noteworthy that the expected launch of three cosmonauts to the ISS is proceeding on Friday.

From: "Nelson, Bill (HQ-AA000)" <bill.nelson@nasa.gov>
Date: Tuesday, March 15, 2022 at 6:40 AM
To: "McGuinness, Jackie (HQ-NA000)" <jackie.mcguinness@nasa.gov>
Subject: <no subject>

Pls send script re Ukraine in yesterday's speech.

Attachment

1. 20220301 Future of Work Town Hall v2.docx

Type: application/vnd.openxmlformats-officedocument.wordprocessingml.document
Size: 27 KB (28,444 bytes)

Attachment #1

20220301 Future of Work Town Hall v2.docx

Original view

6 pages (displayed on pages 4 to 9)

Future of Work Town Hall

Monday, March 14 | 3:00 p.m. | KSC Press Site
Auditorium

PARTICIPANTS

- Administrator Bill Nelson
 - Deputy Administrator Pam Melroy
 - Chief Resilience Officer Melanie Saunders
 - Future of Work program lead Sonia Miller
-

DRAFT REMARKS (7 MINUTES)

Hello everyone, and thanks for joining us today for this Future of Work town hall.

Two years ago, the world and the way we work changed.

Back in March 2020, many of you packed up your offices and went home to work from your kitchen tables... your living rooms... your basements.

Many who were mission critical continued working on site under guidelines to keep you healthy.

COVID-19 challenged all of us – professionally and personally.

Like many of you, I have lost loved ones to COVID-19. We all have lost members of the NASA family.

Together, we pressed forward.

With a can-do spirit, **we delivered as only NASA can.**

That is who we are. That's the power of NASA.

And the power of NASA is fueled by the NASA family. Each and every one of you.

I want to take a moment to address (b) (5) (b) (5) the Russian and U.S. governments as a result of their attack on the people of Ukraine.

NASA remains committed to the seven crewmembers on board the International Space Station. NASA is continuing to work with all our international partners to continue safe operation of the ISS.

I know many of you support the ISS every day. And I want to ensure you that we are laser focused on our people, as well as our missions on Station. We have been meeting almost daily for three weeks to ensure the safe operations of the ISS.

It is noteworthy that the expected launch of three cosmonauts to the ISS is proceeding on Friday.

[Pause]

We are here to discuss our gradual return to on-site work over the coming months.

We're going to talk about our blueprint for how we will move from a pandemic response to a future that embraces flexibility.

We will do that by talking about our mission and core values.

Two weeks ago, I announced each center will be moving into Stage 1 of NASA's Framework for the Return to On-Site Work no sooner than Monday, April 4th.

This decision was made due to the decrease in the number of COVID-19 cases, exceptional vaccination rate

of our workforce, and access to more treatments for and knowledge about the virus.

Put simply, NASA followed the science... and we always will.

In Stage 1, center and headquarters capacity restrictions will increase to 75%.

That means a maximum of 75%, not a minimum.

If you watched the President's State of the Union, you heard him say: "Federal workers will once again work in person."

I know you are thinking, "What exactly does that mean for me?"

"Can I continue to telework? What if I don't have childcare yet and I have small children at home?"

I know it's important to get you that information – and to get it to you as quickly as possible.

The president was making a statement to the American people that the country is opening up again.

You have an opportunity to help shape what our return looks like.

That's why we are having this town hall.

Who returns on site will be determined by supervisors and organizations.

Centers will provide their employees specific details on the stage change as soon as possible.

I cannot over-emphasize this enough: Who returns on site... who teleworks... who remote works... **these must be conversations before they are decisions.**

To agency leaders and supervisors: During the decision-making process, I am challenging you to be flexible.

A hybrid work environment can ask more of you. Adaptability is a sign of a strong leader. At NASA, we have the best of the best. I am grateful for everything you have done – and will do.

We are a team. And every single one of you is critical to the success of our missions, including this one.

We are on the cusp of transitioning to a new normal.

Today's town hall is about looking to the future – and the workplace of the future.

That does not mean we will have all the answers today.

But that will not stop us from doing what NASA does best – **looking to the future**.

And now it's my privilege to introduce Deputy Administrator Pam Melroy.

FW: [EXTERNAL] ESA press release to be published today

From: Feldstein, Karen C. (HQ-TA000) <karen.c.feldstein@nasa.gov>
To: Nelson, Bill (HQ-AA000) <bill.nelson@nasa.gov>, Melroy, Pamela A. (HQ-AB000) <pamela.a.melroy@nasa.gov>, Cabana, Robert D. {HQ-Associate Administrator} (KSC-AI000) <robert.d.cabana@nasa.gov>, Quinn, Susie Perez (HQ-AH000) <susie.p.quinn@nasa.gov>, Dalton, Bale (HQ-AH000) <bale.dalton@nasa.gov>
Cc: Zurbuchen, Thomas H. (HQ-DA000) <thomas.h.zurbuchen@nasa.gov>, Lueders, Kathryn L. (KSC-CA000) <kathryn.l.lueders@nasa.gov>, Cremins, Tom (HQ-AA000) <tom.cremins-1@nasa.gov>, Kieffer, Margaret (HQ-TH000) <margaret.kieffer@nasa.gov>, McKay, Meredith (HQ-TA000) <meredith.mckay@nasa.gov>
Sent: March 17, 2022 9:18:37 AM EDT
Received: March 17, 2022 9:18:39 AM EDT

For awareness, ESA's Council meeting that ended today resulted in a decision to cease ExoMars cooperation with Russia, as expected. The text of the press release is below. This is already public - more info. to follow.

N° 9–2022 Press Release:ExoMars suspended

As an intergovernmental organisation mandated to develop and implement space programmes in full respect with European values, we deeply deplore the human casualties and tragic consequences of the aggression towards Ukraine. While recognising the impact on scientific exploration of space, ESA is fully aligned with the sanctions imposed on Russia by its Member States.

ExoMars

ESA's ruling Council, meeting in Paris on 16-17 March, assessed the situation arising from the war in Ukraine regarding ExoMars, and unanimously:

- acknowledged the present impossibility of carrying out the ongoing cooperation with Roscosmos on the ExoMars rover mission with a launch in 2022, and mandated the ESA Director General to take appropriate steps to suspend the cooperation activities accordingly;
- authorised the ESA Director General to carry out a fast-track industrial study to better define the available options for a way forward to implement the ExoMars rover mission.

Space Transportation

Following the decision by Roscosmos to withdraw their personnel from Europe's Spaceport in French Guiana, all missions scheduled for launch by Soyuz have been put on hold. These concern essentially four institutional missions for which ESA is the launch service procurement entity (Galileo M10, Galileo M11, Euclid and EarthCare) and one additional institutional launch.

Consequently, the ESA Director General has initiated an assessment on potential alternative launch services for these missions, which will include a review of the Ariane 6 first exploitation flights. A robust launch manifest for ESA missions' launch needs, including for spacecraft originally planned for launch by Soyuz from Kourou, will be submitted to Member States.

The International Space Station

The International Space Station Programme continues to operate nominally. The main goal is to continue safe operations of the ISS, including maintaining the safety of the crew.

Way forward

Based on a first analysis of technical and programmatic impacts on all other activities affected by the war in Ukraine, the Director General intends to convene an extraordinary session of Council in the coming weeks to submit specific proposals for decision by Member States.

For further information, please contact ESA Newsroom and Media Relations Office – media@esa.int.

About the European Space Agency

The European Space Agency (ESA) provides Europe's gateway to space.

ESA is an intergovernmental organisation, created in 1975, with the mission to shape the development of Europe's space capability and ensure that investment in space delivers benefits to the citizens of Europe and the world.

ESA has 22 Member States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland and the United Kingdom. Slovenia, Latvia and Lithuania are Associate Members.

ESA has established formal cooperation with six Member States of the EU. Canada takes part in some ESA programmes under a Cooperation Agreement.

By coordinating the financial and intellectual resources of its members, ESA can undertake programmes and activities far beyond the scope of any single European country. It is working in particular with the EU on implementing the Galileo and Copernicus programmes as well as with Eumetsat for the development of meteorological missions.

Learn more about ESA at www.esa.int

<<https://gcc02.safelinks.protection.outlook.com/?url=https://www.esa.int/&data=04|01|bill.nelson@nasa.gov|7e334076158746bb6d5608da0818a5d1|7005d45845be48ae8140d43da96dd17b|0|0|637831199194750325|Unknown|TWfPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjojV2luMzliLCJBTiI6Ik1haWwiLCJXVCI6Mn0=|3000&sdata=JJ1ekFTIzRA08pk0/oOMsBD8DFnxKIH1ilyr3TryaZo=&reserved=0>>

RE: [EXTERNAL] Space Station question

From: Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>
To: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>, Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>, Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>
Sent: March 20, 2022 2:01:47 PM EDT
Received: March 20, 2022 2:01:49 PM EDT

Forgive me if you get this response twice from me. I swore I tried to send something via my phone but don't see it in my outbox.

The crew said it was due to the school colors where they trained. If you look at the Roscosmos pre-flight coverage, where they talked about the school and showed the crest, etc that's a valid explanation.

Additionally, Oleg has worn a yellow suit before. It's likely a (b) (5)

(b) (5)

(b) (5) However, there is no way we would speculate either way. (b) (5)

(b) (5)

(b) (5)

From: Gatens, Robyn (HQ-CJ000) <robyn.gatens@nasa.gov>
Sent: Saturday, March 19, 2022 8:35 AM
To: Metrocavage, Kevin M. (HQ-CJ000) <kevin.m.metrocavage@nasa.gov>; Keaton, Jacob (HQ-CJ000) <jacob.keaton@nasa.gov>; Cox, Christie (HQ-CJ000) <christie.l.cox@nasa.gov>
Subject: Fwd: [EXTERNAL] Space Station question

Leadership wants to know, along with media, if the yellow suits are part of a redesign? Any insight?

Robyn

Begin Forwarded Message:

From: "FINCH, JOSHUA A. (HQ-NA020)" <joshua.a.finch@nasa.gov>
Subject: Fwd: [EXTERNAL] Space Station question
Date: 18 March 2022 21:11
To: "Gatens, Robyn (HQ-CJ000)" <robyn.gatens@nasa.gov>

Evening Robyn- Although we would send reporters to Roscosmos, we are being asked by leadership about the suits below. Any insights for this?

Feel free to give me a call.

-Josh

Begin Forwarded Message:

From: "Sanz, Alex" (b) (6) ap.org>
Subject: [EXTERNAL] Space Station question
Date: 18 March 2022 19:59
To: "Anderson, Gina N. (HQ-NA020)" <gina.n.anderson@nasa.gov>, "Dean, Brandi K. (JSC-AD911)" <brandi.k.dean@nasa.gov>, "FINCH, JOSHUA A. (HQ-NA020)" <joshua.a.finch@nasa.gov>, "Hautaluoma, Grey (HQ-NA020)" <grey.hautaluoma-1@nasa.gov>, "McGuinness, Jackie (HQ-NA000)" <jackie.mcguinness@nasa.gov>, "Schierholz, Stephanie (HQ-NA020)" <stephanie.schierholz@nasa.gov>

Sorry for the late email – and for casting such a wide net.

We're updating our story about the Soyuz arrival
<<https://gcc02.safelinks.protection.outlook.com/?url=https://apnews.com/article/russia-ukraine-kazakhstan-space-launches-science-business-d947eb778e5527e28cd8554eedcf3414&data=04|01|robyn.gatens@nasa.gov|5370c1b605844e33973208da0a9bb3d8|7005d45845be48ae8140d43da96dd17b|0|0|637833961096955515|Unknown|TWFpbGZsb3d8eyJWljoic4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6I6k1haWwiLCJXVCI6Mn0=|3000&sdata=WbW+7uA9ruPTFK4irUSar+YLrFD0+QKBX//OxJHB7sk=&reserved=0>> and want to make sure the yellow flight suits the cosmonauts wore during the welcome ceremony were not part of a redesign. Our understanding is that it's not, but we want to be absolutely certain.

Any insight, even if on background, is appreciated.

Best,

<<https://gcc02.safelinks.protection.outlook.com/?url=http://www.apnews.com/&data=04|01|robyn.gatens@nasa.gov|5370c1b605844e33973208da0a9bb3d8|7005d45845be48ae8140d43da96dd17b|0|0|637833961096955515|Unknown|TWFpbGZsb3d8eyJWljoic4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6I6k1haWwiLCJXVCI6Mn0=|3000&sdata=gW9eldpekxYmM8EMS0x1BwgcW/DVlq/iUNJuEcBA5C4=&reserved=0>>

Alex Sanz

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UfPcEeBlx7h7aIPKOV+uqfaaGxoyDyfb9Yx/fXmbs=&reserved=0>, LinkedIn
<<https://gcc02.safelinks.protection.outlook.com/?url=http://www.linkedin.com/in/alexsanz&data=04|01|robyn.gatens@nasa.gov|5370c1b605844e33973208da0a9bb3d8|7005d45845be48ae8140d43da96dd17b|0|0|637833961096955515|Unknown|TWFpbGZsb3d8eyJWIjoic4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0=|3000&sdata=GOpB6Q8I2FYqUXVDgitvYI8vLxQn8/nxCpHsmD1psgA=&reserved=0>> and Twitter
<<https://gcc02.safelinks.protection.outlook.com/?url=http://www.twitter.com/alexsanz&data=04|01|robyn.gatens@nasa.gov|5370c1b605844e33973208da0a9bb3d8|7005d45845be48ae8140d43da96dd17b|0|0|637833961096955515|Unknown|TWFpbGZsb3d8eyJWIjoic4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ikk1haWwiLCJXVCi6Mn0=|3000&sdata=biZZxZmLHkMay0Fd8IYeHWuNDwDdEBwIwKY4fSJLRTo=&reserved=0>>.

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