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00:00:00,770 --> 00:00:03,940

Joshua Santora, NASA Communications: Yes,
I am with Tim Dunn again, and now we can say

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00:00:03,940 --> 00:00:05,030

“we did it.”

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00:00:05,030 --> 00:00:06,030

Tim Dunn, NASA Launch Manager: We did it.

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00:00:06,030 --> 00:00:07,030

We did it.

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00:00:07,030 --> 00:00:08,030

Y'all did it.

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00:00:08,030 --> 00:00:09,030

Absolutely.

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00:00:09,030 --> 00:00:11,260

So I'm just here getting to share the good
news, but you guys are doing the hard work,

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00:00:11,260 --> 00:00:14,860

so Tim, congratulations to you again and your
team and the ULA team and everyone else here

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00:00:14,860 --> 00:00:17,260

— ESA — and just a phenomenal effort.

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00:00:17,260 --> 00:00:18,260

Excellent.

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00:00:18,260 --> 00:00:25,240

No, I just got off the net with our spacecraft
mission director, Cesar Garcia, and, as you

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00:00:25,240 --> 00:00:30,300

can imagine, he gave me the final two milestones
— that the solar arrays were completely

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00:00:30,300 --> 00:00:36,410
deployed, as well as the spacecraft acquiring
the Sun, the solar arrays acquiring the Sun,

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00:00:36,410 --> 00:00:40,750
and power positive, meaning generating good
power on the vehicle.

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00:00:40,750 --> 00:00:45,280
The vehicle is healthy, completely healthy,
and on its way to the Sun now.

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00:00:45,280 --> 00:00:46,280
Awesome.

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00:00:46,280 --> 00:00:48,780
Really good news, uh, now I can celebrate.

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00:00:48,780 --> 00:00:49,940
There you go.

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00:00:49,940 --> 00:00:50,940
Awesome.

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00:00:50,940 --> 00:00:53,320
Do, do you all celebrate collectively or do
you just go home and take a nap?

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00:00:53,320 --> 00:00:55,290
Is that celebration for you guys?

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00:00:55,290 --> 00:01:00,989
Given the hour of day, we'll probably celebrate
a little bit tonight, go home — we've

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00:01:00,989 --> 00:01:04,699

got a few celebrations planned for tomorrow during the day.

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00:01:04,699 --> 00:01:05,699

Good.

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00:01:05,699 --> 00:01:08,119

Yeah, so practically speaking, on kind of the business side of things, what happens

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00:01:08,119 --> 00:01:10,439

for LSP after a launch?

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00:01:10,439 --> 00:01:13,310

Are you all just ... you're done and you're kinda ... you're done?

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00:01:13,310 --> 00:01:16,039

Or is there more work to do for Solar Orbiter?

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00:01:16,039 --> 00:01:20,770

Well, for Solar Orbiter, we obviously have to review all of the data from the rocket.

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00:01:20,770 --> 00:01:24,619

So that's a process that takes, uh, on the order of a few weeks.

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00:01:24,619 --> 00:01:26,999

Uh, maybe a month, a month-and-a-half.

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00:01:26,999 --> 00:01:32,109

Because what we want to do is we want to look at every piece, every parameter, every little

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00:01:32,109 --> 00:01:38,170

bit of data that happened tonight and in flight, during the countdown and flight, analyze it,

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00:01:38,170 --> 00:01:41,439

see if there is anything that the data is telling us; we're all a bunch of engineers

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00:01:41,439 --> 00:01:46,599

— we want to scrutinize the data — and then apply that and look at that if we see

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00:01:46,599 --> 00:01:50,560

something a little funny, uh, address it before we have our next launch.

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00:01:50,560 --> 00:01:55,310

And certainly, if we, the LSP team, find something in data, we would obviously share that with

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00:01:55,310 --> 00:01:56,959

United Launch Alliance.

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00:01:56,959 --> 00:02:02,849

And likewise, they provide us a lot of very detailed data, so uh, getting ready for Mars

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00:02:02,849 --> 00:02:07,069

2020 — you spoke to Omar just a bit ago — we're gonna be really excited about

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00:02:07,069 --> 00:02:10,780

flying on this magnificent rocket one more time this year.

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00:02:10,780 --> 00:02:17,470

So, the Atlas V is just incredible, love flying on it, uh, the United Launch

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00:02:17,470 --> 00:02:19,170

Alliance team is amazing.

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00:02:19,170 --> 00:02:26,360

... I would like to say, uh, the Launch Services

Program team, my team, uh, it's, it's

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00:02:26,360 --> 00:02:27,360

incredible.

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00:02:27,360 --> 00:02:33,070

Thank you for all of your dedication for many years to make what happened happen tonight,

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00:02:33,070 --> 00:02:37,280

working right alongside United Launch Alliance and your colleagues there.

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00:02:37,280 --> 00:02:42,650

And then we all worked alongside our colleagues here at the Eastern Range with the 45th Space

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00:02:42,650 --> 00:02:43,650

Wing.

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00:02:43,650 --> 00:02:49,210

And then, I can't end my comments without thanking our spacecraft customer.

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00:02:49,210 --> 00:02:53,710

And in this case it's the European Space Agency, with their Airbus contractor, who

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00:02:53,710 --> 00:02:54,870

built the spacecraft.

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00:02:54,870 --> 00:03:01,010

Uh, just a joy to work with those guys, uh, and international collaboration 10-plus years

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00:03:01,010 --> 00:03:06,880

in the making; I know you guys have been talking about that all night, but a lot of challenges.

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00:03:06,880 --> 00:03:10,980

But I tell you what, when a team is focused on mission success, that's the universal

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00:03:10,980 --> 00:03:12,870

language that we all speak.

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00:03:12,870 --> 00:03:15,590

And here we are able to celebrate that.

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00:03:15,590 --> 00:03:21,260

Yeah, and I wish we could somehow share something more specific with people to kind of let them

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00:03:21,260 --> 00:03:23,550

understand what it means to thank that many teams.

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00:03:23,550 --> 00:03:28,380

The fact that there's all those teams, and all the people on that doing their part of

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00:03:28,380 --> 00:03:32,260

the piece, the piece of the puzzle to bring it all together to make this beautiful picture

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00:03:32,260 --> 00:03:35,720

of a spacecraft, in-flight, on the way to the Sun, happen.

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00:03:35,720 --> 00:03:38,500

So, um, Tim, congratulations to you and your team.

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00:03:38,500 --> 00:03:39,500

Thank you, Joshua.

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00:03:39,500 --> 00:03:41,590

I appreciate your service; I appreciate everyone's hard work and effort.

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00:03:41,590 --> 00:03:42,590

Oh, you're welcome.

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00:03:42,590 --> 00:03:43,630

Again, rocketry is a team sport.

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00:03:43,630 --> 00:03:44,630

Absolutely.

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00:03:44,630 --> 00:03:45,630

Spaceflight is a team sport.

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00:03:45,630 --> 00:03:47,120

And we've got some of the best around.

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00:03:47,120 --> 00:03:48,120

No doubt.

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00:03:48,120 --> 00:03:49,120

All right.

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00:03:49,120 --> 00:03:50,120

Thank you so much, Joshua.

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00:03:50,120 --> 00:03:51,120

Tim, I'll let you go celebrate.

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00:03:51,120 --> 00:03:52,120

All right.

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00:03:52,120 --> 00:03:53,120

Have a good night.

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00:03:53,120 --> 00:03:54,120

Thank you.