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00:00:01,189 --> 00:00:04,109

George Diller, NASA Launch Commentator: This is Falcon Launch Control, 1 hour, 40 minutes,

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00:00:04,109 --> 00:00:08,109

23 seconds into the flight of Jason-3.

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00:00:08,109 --> 00:00:12,829

And joining us now on console in the mission director's center is Parag Vaze,

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00:00:12,829 --> 00:00:18,430

the spacecraft mission director for Jason-3 from the Jet Propulsion Laboratory.

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00:00:18,430 --> 00:00:23,840

And Parag we'd like to hear from you first-hand what happened

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00:00:23,840 --> 00:00:27,410

after the spacecraft came off of the rocket.

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00:00:27,410 --> 00:00:28,550

How did the data look?

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00:00:28,550 --> 00:00:31,240

What was the first indications that you had that things

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00:00:31,240 --> 00:00:33,010

were underway as they should be?

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00:00:33,010 --> 00:00:36,179

And then what have you just heard moments ago.

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00:00:36,179 --> 00:00:38,839

Parag Vaze, Jason-3 Project Manager: Sure George.

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00:00:38,839 --> 00:00:41,329
First of all, we had a great launch and

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00:00:41,329 --> 00:00:46,769
separation from the launch vehicle exactly
as planned.

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00:00:46,769 --> 00:00:49,870
We did see video of the separation.

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00:00:49,870 --> 00:00:55,229
Unfortunately, we went to eclipse, so the
video was a bit blurry,

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00:00:55,229 --> 00:00:56,839
so that we couldn't confirm it.

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00:00:56,839 --> 00:01:02,129
However, all of the spacecraft telemetry acquisition
station came online.

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00:01:02,129 --> 00:01:05,710
We were able to get a strong signal from the
spacecraft.

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00:01:05,710 --> 00:01:09,540
The first indications looked very good.

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00:01:09,540 --> 00:01:14,250
All of the communications systems were working
nominally.

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00:01:14,250 --> 00:01:17,530
We were able to communicate with the spacecraft's
C telemetry.

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00:01:17,530 --> 00:01:19,860
We were then able to observe that the

23
00:01:19,860 --> 00:01:24,190
solar array deployment had started and that
typically we were

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00:01:24,190 --> 00:01:28,910
able to see that with pyrotechnic devices
that are

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00:01:28,910 --> 00:01:32,840
firing on both of the solar panels.

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00:01:32,840 --> 00:01:36,750
And then, unfortunately we were at the end
of our contacts,

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00:01:36,750 --> 00:01:38,080
we had a pause.

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00:01:38,080 --> 00:01:43,380
However, we just came up on the next contact
of the spacecraft telemetry.

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00:01:43,380 --> 00:01:45,110
It looked very good.

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00:01:45,110 --> 00:01:51,280
Again communications were nominal and the
spacecraft was power-positive.

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00:01:51,280 --> 00:01:57,490
Tracking and the engineers are, in fact, starting
to send commands.

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00:01:57,490 --> 00:02:01,750
And starting to get the satellite ready to

33
00:02:01,750 --> 00:02:07,140
point to the Earth in a more fine-pointed

mode and stable condition.

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00:02:07,140 --> 00:02:10,130

But all of the initial checks look great.

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00:02:10,130 --> 00:02:13,020

George Diller, NASA Launch Commentator: So, at this point,

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00:02:13,020 --> 00:02:15,450

I think you're able to say that

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00:02:15,450 --> 00:02:19,300

Jason-3 is off to starting its mission.

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00:02:19,300 --> 00:02:23,220

Parag Vaze, Jason-3 Project Manager: Jason-3 is off to starting its mission,

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00:02:23,220 --> 00:02:24,760

and we've got a

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00:02:24,760 --> 00:02:30,700

large group of people, both the engineering community and the science community,

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00:02:30,700 --> 00:02:32,530

that I think have their work cut out.

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00:02:32,530 --> 00:02:39,760

But anticipating excellent data and an excellent start with a great launch.

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00:02:39,760 --> 00:02:43,209

And anticipating lots of great science telemetry to come.

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00:02:43,209 --> 00:02:45,180

George Diller: Parag, thanks very much.

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00:02:45,180 --> 00:02:50,170
Congratulations and thanks so much for your
help and support

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00:02:50,170 --> 00:02:52,100
throughout this campaign and getting

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00:02:52,100 --> 00:02:56,970
us to where we are with the launch today and
now a successful spacecraft on orbit.

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00:02:56,970 --> 00:02:57,970
Parag: Excellent. Thank you.

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00:02:57,970 --> 00:03:02,950
George Diller: Parag Vaze, the spacecraft
mission director, from the Jet Propulsion

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00:03:02,950 --> 00:03:03,630
Laboratory.