



George Diller
NASA Launch Commentator

Tim Dunn
NASA Launch Director

1

00:00:01,100 --> 00:00:04,170

George Diller, NASA Launch Commentator: This is Delta Launch Control. We've had a

2

00:00:04,170 --> 00:00:11,170

successful spacecraft separation of OCO-2 and the mission is on track for providing

3

00:00:14,140 --> 00:00:14,870

us

4

00:00:14,870 --> 00:00:21,270

with a healthy spacecraft, as well as having a successful flight on the Delta 2.

5

00:00:21,270 --> 00:00:26,000

And here to talk about that with us is Tim Dunn, who is our NASA Launch Manager

6

00:00:26,000 --> 00:00:27,170

during the countdown.

7

00:00:27,170 --> 00:00:34,170

Tim, first of all, tell us what your understanding is about the, uh, about the satellite itself.

8

00:00:34,659 --> 00:00:36,190

Then tell us how the flight went.

9

00:00:36,190 --> 00:00:39,589

Tim Dunn, NASA Launch Director: Okay. So I just left the Mission Director's Center

10

00:00:39,589 --> 00:00:41,670

where I was chatting with the

11

00:00:41,670 --> 00:00:46,519

spacecraft mission director, and he had just received confirmation that solar arrays have

12
00:00:46,519 --> 00:00:52,210
deployed, they are in contact with OCO-2,
and the solar arrays were functional and they

13
00:00:52,210 --> 00:00:55,829
were "power positive." All very good news.

14
00:00:55,829 --> 00:01:00,399
George Diller, NASA Launch Commentator: All
right. So we've had our mission

15
00:01:00,399 --> 00:01:05,780
objective right off the bat as far as getting
it to the right place at the right time.

16
00:01:05,780 --> 00:01:09,200
So, how did the countdown of the flight look
to you.

17
00:01:09,200 --> 00:01:12,640
Tim Dunn, NASA Launch Director: Well the countdown
was extremely smooth.

18
00:01:12,640 --> 00:01:17,219
Very quiet. You probably noticed that there
was not a lot of chatter on the nets.

19
00:01:17,219 --> 00:01:18,109
George Diller, NASA Launch Commentator: It
was very quiet.

20
00:01:18,109 --> 00:01:22,509
Tim Dunn, NASA Launch Director: We had no
anomalies to discuss on our anomaly

21
00:01:22,509 --> 00:01:26,430
net. The range, uh, I want to thank the 30th
Space Wing.

22
00:01:26,430 --> 00:01:31,329
They had an impeccable range for us to launch on. Not a single instrumentation issue to

23
00:01:31,329 --> 00:01:38,329
discuss throughout the countdown. The spacecraft was rock solid in the fairing during

24
00:01:38,439 --> 00:01:44,799
the entire countdown. Delta 2 performed like a champ after almost three years back on

25
00:01:44,799 --> 00:01:50,479
the pad. Although this was our second attempt at launching, it actually all came together

26
00:01:50,479 --> 00:01:56,570
tonight. And, uh, we did experience that disappointment that we didn't get off on our first

27
00:01:56,570 --> 00:02:01,689
attempt yesterday. But being the professional team that we are, bounced right back, did

28
00:02:01,689 --> 00:02:08,340
what we needed to do, came in today and now we're celebrating. There was pure joy in

29
00:02:08,340 --> 00:02:11,800
the Mission Director's Center at spacecraft sep, I can tell you that.

30
00:02:11,800 --> 00:02:15,660
George Diller, NASA Launch Commentator: Well Tim, it's uh good to know that we've

31
00:02:15,660 --> 00:02:22,580
had a good flight and we're already seeing that OCO-2 is right on. We're going to be

32
00:02:22,580 --> 00:02:29,580
having a post-launch briefing here very shortly
at 5:30 pacific time. And we'll have our

33
00:02:31,250 --> 00:02:36,000
project manage from JPL, Ralph Basillio tell
us exactly what the

34
00:02:36,000 --> 00:02:38,960
state of health of OCO-2 i.

35
00:02:38,960 --> 00:02:45,240
But in any event, Tim tell us we've got another
Delta 2 coming up out here before too

36
00:02:45,240 --> 00:02:45,440
long.

37
00:02:45,440 --> 00:02:49,430
Tim Dunn, NASA Launch Director: Yes, actually
just this November we're going to be

38
00:02:49,430 --> 00:02:55,480
back out, the LSP team will be back out here
at Vandenberg for the SMAP mission.

39
00:02:55,480 --> 00:02:59,600
The Soil Moisture Active Passive mission.
So we're really looking forward to that.

40
00:02:59,600 --> 00:03:01,320
Another mission on a Delta 2.

41
00:03:01,320 --> 00:03:05,850
So, George if I could, I would like to mention
something that you brought up yesterday

42
00:03:05,850 --> 00:03:10,870
during our first attempt. And that was this

mission was particularly special to Launch

43
00:03:10,870 --> 00:03:16,680
Services Program. Because we dedicated it to one of our teammates, Laurie Walls, who

44
00:03:16,680 --> 00:03:23,360
passed away earlier in June. So, uh, Laurie was a founding member of LSP. Has been

45
00:03:23,360 --> 00:03:30,300
with the program the entire time until her death. We dedicated this mission to her and

46
00:03:30,300 --> 00:03:34,910
she would have been thrilled with it. She loved Delta 2. I worked many missions with

47
00:03:40,580 --> 00:03:35,730
her

48
00:03:40,580 --> 00:03:43,270
decal that was placed on the fixed umbilical tower.

49
00:03:43,270 --> 00:03:46,100
George Diller, NASA Launch Commentator: Yes, she certainly would be very happy

50
00:03:46,100 --> 00:03:49,810
with the successful outcome of this flight tonight.

51
00:03:49,810 --> 00:03:55,810
Well, that's going to conclude our launch commentary coverage for this flight of the

52
00:03:55,810 --> 00:04:02,810
Delta 2 with OCO-2. Stay tuned for the post-launch news conference at 5:30 pacific

