



1
00:00:00,000 --> 00:00:01,000

\h

2
00:00:01,980 --> 00:00:05,169

Steve Payne/STS-133 NASA Test Director: Launch director, NTD. Mike Leinbach/STS-133 Shuttle Launch Director:

3
00:00:05,170 --> 00:00:07,790

Steve Payne/STS-133 NASA Test Director: OK, our launch team is ready to proceed. SRO has concerns to go

4
00:00:10,550 --> 00:00:13,649

Mike Leinbach/STS-133 Shuttle Launch Director: OK, copy all that. I'll do my poll at this time. KSC Chief

5
00:00:13,650 --> 00:00:16,763

Processing Engineer, verify no constraints to launch. KSC Chief Safety Processing Engineer: No constraints.

6
00:00:17,670 --> 00:00:19,859

Mike Leinbach/STS-133 Shuttle Launch Director: Thank you, Steve. KSC Safety and Mission Assurance?

7
00:00:19,860 --> 00:00:21,129

Michael Wetmore/KSC Safety and Mission Assurance: KSC Safety and Mission

8
00:00:21,130 --> 00:00:21,703

Assurance is "go" pending resolution of the range issue.

9
00:00:24,290 --> 00:00:26,446

Mike Leinbach/STS-133 Shuttle Launch Director: Copy. Payload Launch Manager?

10
00:00:27,200 --> 00:00:29,619

Scott Higginbotham/Payload Mission Manager: Mike, the space station processing team is "go."

11
00:00:29,620 --> 00:00:31,309

Mike Leinbach/STS-133 Shuttle Launch Director: Copy. Range weather?

12
00:00:31,310 --> 00:00:33,279

Kathy Winters/Shuttle Launch Weather Officer: Weather had no constraints for launch.

13

00:00:33,280 --> 00:00:35,339

Mike Leinbach/STS-133 Shuttle Launch Director: Copy. Thank you, Kathy. And Ops Manager?

14

00:00:35,340 --> 00:00:38,009

Mike Moses/Prelaunch Mission Management Team Chair: OK, Mike, on our side, MMT is in really good shape.

15

00:00:38,010 --> 00:00:38,886

The vehicle is looking perfect.

16

00:00:39,200 --> 00:00:41,923

Weather is looking great. We'll stand by here and see if range can resolve their issue, but we are "go."

17

00:00:43,410 --> 00:00:47,030

Mike Leinbach/STS-133 Shuttle Launch Director: OK, copy that. And we'll take it on down to five and see if we

18

00:00:48,190 --> 00:00:50,069

Mike Moses/Prelaunch Mission Management Team Chair: Yeah, it's a good plan, Mike. Let's keep counting.

19

00:00:50,070 --> 00:00:52,770

Mike Leinbach/STS-133 Shuttle Launch Director: And KSC Safety and Mission Assurance?

20

00:00:52,970 --> 00:00:54,639

Michael Wetmore/KSC Safety and Mission Assurance: KSC Safety and Mission Assurance.

21

00:00:54,640 --> 00:00:57,899

Mike Leinbach/STS-133 Shuttle Launch Director: Let's see, if we get the "go" from SRO, you're going to be "go"

22

00:00:57,900 --> 00:00:58,930

Is that a firm, we don't have to re-poll you?

23

00:00:59,870 --> 00:01:01,319

Michael Wetmore/KSC Safety and Mission Assurance: Yes, Mike, we are "go. "

24

00:01:01,320 --> 00:01:03,689

Mike Leinbach/STS-133 Shuttle Launch Director: Right, so we will not poll you if we get a "go" from SRO.

25

00:01:03,690 --> 00:01:04,579

Michael Wetmore/KSC Safety and Mission Assurance: That's affirmative.

26

00:01:04,580 --> 00:01:06,453

Mike Leinbach/STS-133 Shuttle Launch Director: Thank you, sir.

27

00:01:06,840 --> 00:01:08,430

Michael Wetmore/KSC Safety and Mission Assurance: Concur.

28

00:01:09,050 --> 00:01:11,260

Mike Curie/STS-133 Launch Commentator: We're looking at Shuttle Launch Director Mike Leinbach, Assistant

29

00:01:14,240 --> 00:01:20,840

Director Charlie Blackwell-Thompson, to his side, and Stephanie Stilson, Discovery's flow director.

30

00:01:24,240 --> 00:01:24,686

Steve Payne/STS-133 NASA Test Director: GLS, NTD. Ground Launch Sequencer: GLS.

31

00:01:29,060 --> 00:01:31,529

Steve Payne/STS-133 NASA Test Director: OK, we're going to pick up the count here shortly. Once we start co

32

00:01:31,530 --> 00:01:33,233

I need you to insert a hold at five. Ground Launch Sequencer: GLS copies. We'll hold at five minutes.

33

00:01:36,560 --> 00:01:38,646

Mike Curie/STS-133 Launch Commentator:
NASA Test Director Steve Payne reminding

34

00:01:39,740 --> 00:01:44,006

the Ground Launch Sequencer team to insert a hold a T-5 minutes.

35

00:01:45,840 --> 00:01:46,630

We will be coming out of our hold at nine minutes and counting down to five to enable the Range Safety Office

36

00:01:52,650 --> 00:01:53,320

the range team a few more minutes to work their problem. They currently are "no-go."

37

00:01:57,580 --> 00:01:57,636

Steve Payne/STS-133 NASA Test Director: Two minutes.

38

00:02:00,990 --> 00:02:01,826

Mike Curie/STS-133 Launch Commentator: Two minutes remaining in our hold. It's T-9 minutes.

39

00:02:06,220 --> 00:02:07,833

Range Safety: SRO, NTD. Mike Moses/Prelaunch Mission Management Team Chair: Ops Manager on 212.

40

00:02:10,940 --> 00:02:11,739

Mike Leinbach/STS-133 Shuttle Launch Director: Go ahead.

41

00:02:11,740 --> 00:02:14,039

Mike Moses/Prelaunch Mission Management Team Chair: I got verbal confirmation from the

42

00:02:14,040 --> 00:02:14,320

45th Wing Commander, we are

43

00:02:15,560 --> 00:02:16,973

"go." And we do not need SRO's "go." I would like you to proceed.

44

00:02:18,480 --> 00:02:21,306

Mike Leinbach/STS-133 Shuttle Launch Director: Copy that. NTD, with that verification, the range will support

45

00:02:22,920 --> 00:02:23,333

today's launch. Need to press on. Pick up the clock on your mark.

46

00:02:26,840 --> 00:02:29,296

Steve Payne/STS-133 NASA Test Director: Copy that. And SRO, NTD, need to put your hold (inaudible) into p