



1  
00:00:00,086 --> 00:00:03,236  
This is Mission Control Houston.

2  
00:00:03,696 --> 00:00:07,796  
The Tuesday schedule for the Expedition 33 crew onboard the

3  
00:00:07,796 --> 00:00:11,276  
International Space Station centered around preparations

4  
00:00:11,276 --> 00:00:12,366  
for the undocking

5  
00:00:12,646 --> 00:00:15,556  
of the Automated Transfer Vehicle from the station.

6  
00:00:15,916 --> 00:00:17,596  
That undocking is going to occur

7  
00:00:17,596 --> 00:00:21,906  
at 5:36 p.m. Houston time this afternoon.

8  
00:00:22,476 --> 00:00:25,636  
On Monday afternoon, after everything had been,

9  
00:00:25,636 --> 00:00:30,486  
that was being disposed of was packed up and secured inside the

10  
00:00:30,486 --> 00:00:33,856  
"Edoardo Amaldi" Flight Engineers Yuri Malenchenko

11  
00:00:33,976 --> 00:00:37,826  
and Aki Hoshide closed the

hatches between that vehicle

12

00:00:37,826 --> 00:00:39,556  
and the Zvezda module

13

00:00:39,986 --> 00:00:42,666  
and conducted leak  
checks then before all

14

00:00:42,666 --> 00:00:44,326  
of the crew members went to bed.

15

00:00:44,836 --> 00:00:48,356  
On Tuesday morning, Hoshide  
completed stowing the tools

16

00:00:48,356 --> 00:00:52,946  
that they had used to complete  
the sealing up of the ATV

17

00:00:52,946 --> 00:00:56,916  
and then all three of the crew  
members had a shortened morning

18

00:00:56,916 --> 00:00:58,156  
schedule of tasks.

19

00:00:58,616 --> 00:01:01,636  
For station Commander Suni  
Williams it was setting

20

00:01:01,636 --> 00:01:04,376  
up an ultrasound to  
use in conjunction

21

00:01:04,376 --> 00:01:07,196  
with the Integrated  
Cardiovascular experiment.

22

00:01:07,696 --> 00:01:11,086

That's an investigation  
which an echocardiogram

23

00:01:11,086 --> 00:01:15,716

of the crew member is done both  
before and after they exercise.

24

00:01:16,176 --> 00:01:19,566

The investigation is trying  
to quantify the atrophy

25

00:01:19,566 --> 00:01:21,696

of the heart muscle  
that's associated

26

00:01:21,696 --> 00:01:23,056

with long-duration spaceflight.

27

00:01:24,386 --> 00:01:28,296

Flight Engineer Aki Hoshide  
assisted Williams with that

28

00:01:28,296 --> 00:01:32,956

and spent the rest of his  
morning, of the early part

29

00:01:32,956 --> 00:01:36,976

of the day, exchanging samples  
in the NanoStep experiment.

30

00:01:37,506 --> 00:01:41,626

While their crewmate Yuri  
Malenchenko had the early part

31

00:01:41,626 --> 00:01:44,326

of his day devoted to  
routine maintenance tasks

32

00:01:44,326 --> 00:01:45,996

in the Russian segment  
of the station.

33

00:01:46,386 --> 00:01:49,946

He also got in the first of his  
two daily exercise sessions.

34

00:01:50,276 --> 00:01:54,216

There was a run on the  
treadmill that's located

35

00:01:54,216 --> 00:01:55,476

in the Zvezda module.

36

00:01:56,336 --> 00:01:58,546

Williams conducted two  
in-flight interviews

37

00:01:58,656 --> 00:02:02,626

with the Huffington Post and  
CBS Radio and then all three

38

00:02:02,626 --> 00:02:05,116

of the crew members  
were scheduled for a nap

39

00:02:05,356 --> 00:02:07,776

until 12 noon Central time.

40

00:02:08,146 --> 00:02:10,006

They are even, cleverly enough,

41

00:02:10,496 --> 00:02:13,616

scheduled for a small  
snack period a half an hour

42

00:02:13,616 --> 00:02:15,166

after the nap is over.

43

00:02:15,636 --> 00:02:19,276

The crew members will  
then move to an afternoon

44

00:02:19,416 --> 00:02:22,316

in which Williams will  
replace a recycle tank

45

00:02:22,316 --> 00:02:25,136

in the Water Recovery  
System, while Malenchenko

46

00:02:25,136 --> 00:02:27,896

and Hoshide get everything  
ready for the crew

47

00:02:27,896 --> 00:02:30,486

to monitor the departure  
of the ATV.

48

00:02:31,026 --> 00:02:34,346

NASA TV coverage of the  
departure starts at 5:15

49

00:02:34,626 --> 00:02:38,096

with the "Edoardo Amaldi"  
leaving the International Space