



1  
00:00:01,286 --> 00:00:02,656  
This is Mission Control,  
Houston.

2  
00:00:02,656 --> 00:00:06,166  
The crew of Expedition  
32 is busy today working

3  
00:00:06,166 --> 00:00:08,486  
on board the International  
Space Station on quite a number

4  
00:00:08,486 --> 00:00:10,876  
of different research  
experiments

5  
00:00:10,876 --> 00:00:12,516  
in a variety of different  
fields.

6  
00:00:12,516 --> 00:00:13,366  
They're also getting ready

7  
00:00:13,366 --> 00:00:16,736  
for a few different  
visiting vehicle activities,

8  
00:00:16,736 --> 00:00:19,776  
namely the arrival  
of the Japanese HTV3,

9  
00:00:19,776 --> 00:00:22,076  
which will occur  
tomorrow morning.

10  
00:00:22,476 --> 00:00:25,636  
That spacecraft launched  
from the Japanese launch site

11

00:00:25,636 --> 00:00:27,536  
at Tanegashima last week.

12

00:00:27,536 --> 00:00:29,136  
It has spent the last  
several days closing

13

00:00:29,136 --> 00:00:32,326  
in on the International Space  
Station, and it will arrive

14

00:00:32,326 --> 00:00:34,456  
in the vicinity later on tonight

15

00:00:34,456 --> 00:00:36,646  
and into the early  
morning hours tomorrow.

16

00:00:36,646 --> 00:00:38,976  
We will have live coverage  
here on NASA TV beginning

17

00:00:38,976 --> 00:00:42,386  
at 6 a.m. Central time,  
7 a.m. Eastern time.

18

00:00:43,496 --> 00:00:45,576  
Joe Acaba will be the one  
that will be reaching out

19

00:00:45,576 --> 00:00:50,156  
and grabbing on to that  
large, huge cargo craft

20

00:00:50,156 --> 00:00:51,436  
with the station's robotic arm.

21

00:00:51,436 --> 00:00:52,876  
He'll be backed up  
by Aki Hoshide.

22

00:00:52,876 --> 00:00:55,986

After that takes place

Aki himself will take over

23

00:00:55,986 --> 00:00:58,486

and will bring it on in toward  
the International Space Station

24

00:00:58,486 --> 00:01:00,386

and get ready to install it

25

00:01:00,386 --> 00:01:02,046

to the bottom side  
of the Harmony node.

26

00:01:02,466 --> 00:01:05,566

This cargo craft is bringing  
up more than 4 tons of supplies

27

00:01:05,616 --> 00:01:07,776

to the Expedition 32 crew.

28

00:01:08,166 --> 00:01:10,776

After it gets secured to  
the station the crews will,

29

00:01:10,776 --> 00:01:14,636

on the next day, open it up and  
get ready to begin unloading all

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00:01:14,636 --> 00:01:17,126

of the cargo that is inside  
that pressurized section.

31

00:01:17,696 --> 00:01:22,136

So both Acaba and Aki Hoshide  
as well as Suni Williams,

32

00:01:22,136 --> 00:01:23,286  
who will be backing them up,

33

00:01:23,286 --> 00:01:25,486  
are going over final  
procedures today, taking a look

34

00:01:25,486 --> 00:01:27,506  
at everything making sure  
their skills are sharp

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00:01:27,506 --> 00:01:29,046  
and ready to go for tomorrow.

36

00:01:30,636 --> 00:01:31,356  
Acaba is also going

37

00:01:31,356 --> 00:01:34,106  
to be installing the  
Centerline Berthing Camera today

38

00:01:34,106 --> 00:01:37,436  
which will go on inside the  
hatchway in between Harmony

39

00:01:37,436 --> 00:01:39,186  
and where HTV will arrive.

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00:01:39,776 --> 00:01:42,086  
This is basically a bird's  
eye view that will allow him

41

00:01:42,086 --> 00:01:46,406  
to take a look basically  
straight down at the cargo craft

42

00:01:46,406 --> 00:01:49,016  
as it nears the space  
station to make sure

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00:01:49,016 --> 00:01:50,666

that everything is  
aligned and ready to go.

44

00:01:50,666 --> 00:01:52,266

He's also going

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00:01:52,266 --> 00:01:54,346

to be calibrating the  
station's external cameras

46

00:01:54,346 --> 00:01:59,306

which will help he and Aki as  
they take a look at his vehicle.

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00:01:59,306 --> 00:02:00,356

They'll be inside the cupola,

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00:02:00,406 --> 00:02:03,516

which gives them a pretty  
unique vantage point

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00:02:03,516 --> 00:02:05,726

of this cargo craft as it  
comes up toward the station,

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00:02:05,726 --> 00:02:08,066

but of course all those  
different cameras outside the

51

00:02:08,066 --> 00:02:10,066

station are important as well.

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00:02:12,066 --> 00:02:14,096

Meanwhile, Suni Williams  
is busy loading

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00:02:14,096 --> 00:02:17,116

up the Advanced Biological

Research System payload

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00:02:17,116 --> 00:02:21,926  
application on the Express-2  
laptop computer, which is part

55

00:02:21,926 --> 00:02:23,366  
of one of the Express  
racks there.

56

00:02:23,916 --> 00:02:28,946  
That ABRS is basically a  
locker-sized experiment facility

57

00:02:29,386 --> 00:02:33,086  
that the crews can use to grow  
plants or house different sorts

58

00:02:33,216 --> 00:02:35,846  
of insects and bugs to take  
a look at how things grow

59

00:02:35,846 --> 00:02:37,296  
and react to being up in space.

60

00:02:38,626 --> 00:02:42,316  
She also just wrapped up a Ham  
radio pass with the Virginia Air

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00:02:42,316 --> 00:02:45,406  
and Space Museum up in Hampton,  
Virginia, where she talked

62

00:02:45,406 --> 00:02:47,686  
with the people there  
about life in space,

63

00:02:48,866 --> 00:02:50,706  
her previous time  
aboard the station

64

00:02:50,706 --> 00:02:53,376  
and what the crew has been  
up to since she arrived

65

00:02:53,726 --> 00:02:55,986  
with Yuri Malenchenko and  
Aki Hoshide here just a few

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00:02:55,986 --> 00:02:56,646  
days ago.

67

00:02:57,086 --> 00:03:00,086  
She's also going to be  
transferring some data

68

00:03:00,086 --> 00:03:02,496  
from the Acoustic  
Dosimeters to one

69

00:03:02,496 --> 00:03:04,496  
of the station's laptop  
computers to downlink

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00:03:04,496 --> 00:03:05,466  
that down to the ground.

71

00:03:05,806 --> 00:03:06,946  
Those dosimeters take a look

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00:03:06,946 --> 00:03:09,246  
at the acoustic environment  
inside the station to make sure

73

00:03:09,246 --> 00:03:12,156  
that there is not too  
much noise for the crew.

74

00:03:13,816 --> 00:03:16,346

Aki Hoshide himself is  
also performing some

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00:03:16,346 --> 00:03:17,306  
medical experiments.

76

00:03:17,306 --> 00:03:18,936  
He's also taking  
look, as we mentioned,

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00:03:18,936 --> 00:03:20,976  
at the HTV robotics procedures.

78

00:03:21,486 --> 00:03:23,606  
He's also got some crew  
orientation time today,

79

00:03:23,606 --> 00:03:26,386  
basically just getting  
used to his surroundings

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00:03:26,386 --> 00:03:28,996  
on board the station since he  
just arrived a few days ago.

81

00:03:29,536 --> 00:03:31,226  
Even though he as  
well as Suni Williams

82

00:03:31,226 --> 00:03:34,296  
and Yuri Malenchenko are  
veterans of the space station,

83

00:03:34,936 --> 00:03:37,446  
things change quite  
rapidly on board in terms

84

00:03:37,446 --> 00:03:39,266  
of where things are  
stored and also the layout.

85

00:03:39,956 --> 00:03:41,406

So, they spend a few  
hours after they get

86

00:03:41,406 --> 00:03:45,216

up there basically just  
getting used to their new home.

87

00:03:46,516 --> 00:03:48,306

The crew also had,  
earlier today,

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00:03:48,306 --> 00:03:50,446

an emergency drill for fire.

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00:03:51,006 --> 00:03:52,146

As we've talked about before,

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00:03:52,146 --> 00:03:54,716

they train for three  
main different scenarios,

91

00:03:54,716 --> 00:03:58,286

fire being one of them, a toxic  
environment being number two,

92

00:03:58,766 --> 00:04:01,036

and a depressurization  
being number three.

93

00:04:01,036 --> 00:04:02,616

So, they ran through  
that fire drill

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00:04:02,616 --> 00:04:04,736

with their different ground  
teams around the world,

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00:04:04,736 --> 00:04:06,966

and then after that was  
done, they had a quick chat

96

00:04:07,156 --> 00:04:10,106

with the teams here to  
talk about how it went.

97

00:04:10,536 --> 00:04:14,026

And the team here in Mission  
Control also had a talk amongst

98

00:04:14,026 --> 00:04:16,836

themselves to make sure  
that there's no improvements

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00:04:16,836 --> 00:04:19,516

and any sort of way that they  
could smooth out that process.

100

00:04:19,926 --> 00:04:21,926

Each time they learn  
something new.

101

00:04:23,336 --> 00:04:25,436

So, again, tomorrow  
morning, 6 a.m. Central time,

102

00:04:25,436 --> 00:04:27,856

7 a.m. Eastern time, that is  
when we'll have live coverage

103

00:04:27,856 --> 00:04:32,856

of the arrival of the Japanese  
HTV cargo craft as it closes

104

00:04:32,856 --> 00:04:34,936

in on the International  
Space Station.

105

00:04:35,726 --> 00:04:38,206

That crew will be  
installing that tomorrow,