



1  
00:00:00,006 --> 00:00:01,016  
[ Silence ]

2  
00:00:01,016 --> 00:00:10,000  
[ Music ]

3  
00:00:10,266 --> 00:00:11,066  
>> Good morning.

4  
00:00:11,096 --> 00:00:11,876  
Thank you for joining us

5  
00:00:11,876 --> 00:00:14,106  
from the International Space  
Station flight control Room

6  
00:00:14,106 --> 00:00:16,166  
at the Johnson Space  
Center in Houston, Texas.

7  
00:00:16,696 --> 00:00:18,196  
We're live in the  
Mission Control Center.

8  
00:00:18,196 --> 00:00:20,956  
Where the orbit two team or  
second sift is on duty working

9  
00:00:20,956 --> 00:00:23,246  
with the crew in the  
second half of their day.

10  
00:00:24,326 --> 00:00:25,476  
The team here just returning.

11  
00:00:25,476 --> 00:00:27,746  
We've had a brief  
LOS, or loss of signal

12

00:00:27,746 --> 00:00:29,646  
with the Space Station  
just as a result

13

00:00:29,646 --> 00:00:31,216  
of the satellite coverage.

14

00:00:31,216 --> 00:00:34,436  
But the team here  
continuing to monitor systems

15

00:00:34,436 --> 00:00:35,706  
and support the crew as needed

16

00:00:36,046 --> 00:00:37,376  
as they're working  
through their day.

17

00:00:38,006 --> 00:00:41,276  
All is going smoothly here  
in the control center as well

18

00:00:41,276 --> 00:00:43,386  
as on orbit where the  
International Space Station's

19

00:00:43,386 --> 00:00:44,096  
performing well.

20

00:00:44,446 --> 00:00:46,736  
Just crossing from orbital  
day to orbital night

21

00:00:46,736 --> 00:00:48,856  
as it's making its  
way over Kazakhstan.

22

00:00:49,476 --> 00:00:53,316  
The on orbit crew

is busy at work.

23

00:00:53,316 --> 00:00:55,036

It's the afternoon  
for their workday --

24

00:00:55,306 --> 00:00:57,776

for NASA astronauts Chris  
Cassidy and Karen Nyberg.

25

00:00:58,166 --> 00:01:00,646

European Space Agency  
astronaut Luca Parmitano.

26

00:01:00,986 --> 00:01:04,316

And Russian cosmonauts Alexander  
Misurkin, Fyodor Yurchikhin

27

00:01:04,656 --> 00:01:06,036

and Commander Pavel Vinogradov.

28

00:01:07,966 --> 00:01:10,256

The crew is gearing up  
for tomorrow's spacewalk.

29

00:01:10,256 --> 00:01:12,266

Which will be conducted  
by Fyodor Yurchikhin

30

00:01:12,416 --> 00:01:13,956

and Alexander Misurkin.

31

00:01:14,096 --> 00:01:15,516

Where they will install a panel

32

00:01:15,906 --> 00:01:18,746

of material science  
experiments on the Poisk module.

33

00:01:19,206 --> 00:01:21,756

And also configure cables  
for the future arrival

34

00:01:21,756 --> 00:01:23,256

of a Russian laboratory module.

35

00:01:24,096 --> 00:01:27,536

The spacewalk is scheduled to  
begin at 9:40 a.m. Central Time

36

00:01:27,916 --> 00:01:30,656

with the opening of the hatch  
to the Pirs docking compartment.

37

00:01:31,166 --> 00:01:35,596

This will start the 172nd  
EVA or spacewalk in support

38

00:01:35,596 --> 00:01:37,256

of Space Station  
assembly and maintenance.

39

00:01:37,596 --> 00:01:39,606

It will be the 7th  
for Fyodor Yurchikhin.

40

00:01:39,606 --> 00:01:40,976

And the 2nd for Alexander  
Misurkin.

41

00:01:41,516 --> 00:01:45,916

[ Pause ]

42

00:01:46,416 --> 00:01:47,936

In preparation for  
that spacewalk,

43

00:01:47,996 --> 00:01:50,046

per the standard procedures,

44

00:01:50,046 --> 00:01:53,496  
hatches to the Albert Einstein  
Automated Transfer Vehicle

45

00:01:53,536 --> 00:01:54,886  
which is docked to  
the Space Station.

46

00:01:55,566 --> 00:02:00,226  
That module will  
be depressurized,

47

00:02:00,226 --> 00:02:01,316  
and the hatches closed.

48

00:02:01,986 --> 00:02:04,056  
The Space Station  
Progress cargo craft

49

00:02:04,056 --> 00:02:05,996  
and the Zarya module are  
being closed through the end

50

00:02:05,996 --> 00:02:07,106  
of tomorrow's spacewalk.

51

00:02:08,426 --> 00:02:09,826  
NASA astronaut Chris Cassidy

52

00:02:09,826 --> 00:02:13,206  
and Pavel Vinogradov will be  
isolated in the Poisk module

53

00:02:13,206 --> 00:02:16,036  
in their Soyuz spacecraft  
during the spacewalk.

54

00:02:16,526 --> 00:02:18,646

Meanwhile, astronaut  
Karen Nyberg

55

00:02:18,646 --> 00:02:21,986  
and Luca Parmitano will be free  
to move about the U.S. segment

56

00:02:21,986 --> 00:02:23,686  
of the Space Station  
throughout the EVA.

57

00:02:24,516 --> 00:02:29,696  
The morning began at the  
standard 1:00 a.m. Central Time

58

00:02:29,696 --> 00:02:31,216  
with a daily planning  
conference.

59

00:02:31,646 --> 00:02:34,416  
The commander working, again,  
on those configurations

60

00:02:34,416 --> 00:02:36,476  
for the Automated  
Transfer Vehicle.

61

00:02:36,796 --> 00:02:38,246  
Conducting a depressurization.

62

00:02:38,246 --> 00:02:40,126  
And [inaudible] marking  
through the procedures

63

00:02:40,126 --> 00:02:41,886  
with his ground control  
teams as they prepare

64

00:02:41,886 --> 00:02:42,836  
for that hatch closure.

65

00:02:43,546 --> 00:02:46,586

The cosmonauts, Alexander  
Misurkin and Fyodor Yurchikhin,

66

00:02:46,936 --> 00:02:49,226

again, continuing with the  
spacewalk preparations.

67

00:02:49,226 --> 00:02:52,716

Specifically having time set up  
today to review the timeline.

68

00:02:53,046 --> 00:02:54,646

They have a few other  
tasks as well.

69

00:02:54,646 --> 00:02:56,666

Including some Russian  
experiment work

70

00:02:56,666 --> 00:02:58,456

and private medical conferences.

71

00:03:02,146 --> 00:03:04,736

Chris Cassidy is working the  
Japanese experiment module.

72

00:03:04,736 --> 00:03:06,436

He's being assisted  
by Karen Nyberg

73

00:03:06,746 --> 00:03:09,736

as they perform some  
valve measurements.

74

00:03:10,006 --> 00:03:12,246

Cassidy will also be  
performing a food questionnaire

75

00:03:12,246 --> 00:03:13,496

as part of a ongoing study.

76

00:03:13,866 --> 00:03:16,906

And supporting the ATV  
configuration activities.

77

00:03:17,336 --> 00:03:19,276

He's also -- will be working

78

00:03:19,276 --> 00:03:22,756

with fellow astronaut European  
Space Agency Luca Parmitano.

79

00:03:22,756 --> 00:03:25,776

As they continue with the  
unloading of the cargo

80

00:03:25,776 --> 00:03:29,206

that was brought up in the  
HTV-4 spacecraft that had docked

81

00:03:29,206 --> 00:03:31,816

to the Space Station  
just under a week ago.

82

00:03:31,816 --> 00:03:35,056

And they've been unloading  
the nearly four tons

83

00:03:35,056 --> 00:03:38,286

of cargo from that craft.

84

00:03:38,506 --> 00:03:40,266

They're now in the  
afternoon of their crew day.

85

00:03:40,376 --> 00:03:42,266

Those ATV activities continuing.

86

00:03:42,696 --> 00:03:45,726

Cassidy will also be working on  
the GLACIER experiment hardware.

87

00:03:46,206 --> 00:03:47,836

He'll be joined by Karen Nyberg

88

00:03:47,836 --> 00:03:49,676

for an education  
event later today

89

00:03:49,856 --> 00:03:52,886

with Riverside Preparatory  
High School in California.

90

00:03:54,526 --> 00:03:56,326

All of the crew members  
have exercised plan.

91

00:03:56,326 --> 00:03:57,236

They'll wrap up their day

92

00:03:57,236 --> 00:03:58,886

with a daily planning  
conference shortly

93

00:03:58,886 --> 00:04:00,346

after 2:00 p.m. Central Time.

94

00:04:00,696 --> 00:04:01,996

Then they'll have off-duty time,

95

00:04:01,996 --> 00:04:04,796

where they'll have their evening  
meal and some personal time.

96

00:04:04,796 --> 00:04:07,066

And a few end of day tasks

and data collections.

97

00:04:07,586 --> 00:04:09,976

Crew sleep is scheduled  
for 4:30 p.m. Central Time.