



1
00:00:00,766 --> 00:00:08,040
[Music]

2
00:00:08,040 --> 00:00:09,742
>> It is Wednesday, April 24th,

3
00:00:09,742 --> 00:00:12,812
and the Expedition 35 crew
onboard the International Space

4
00:00:12,812 --> 00:00:15,714
Station has spent part
of its day taking care

5
00:00:15,714 --> 00:00:18,184
of their own emergency
preparedness,

6
00:00:18,184 --> 00:00:21,087
the rest of the day working
on a range of scientific

7
00:00:21,087 --> 00:00:23,522
and technical experiments
that are the heart

8
00:00:23,522 --> 00:00:25,524
of their mission of discovery.

9
00:00:25,524 --> 00:00:27,159
Flight engineers
Pavel Vinogradov

10
00:00:27,159 --> 00:00:31,097
and Roman Romanenko have spent
their afternoon disassembling

11
00:00:31,097 --> 00:00:34,366
the docking assembly of the

Progress ship that's now docked

12

00:00:34,366 --> 00:00:37,036

to the station at the
piers docking compartment.

13

00:00:37,036 --> 00:00:41,440

That vehicle is scheduled to
stay at the station until July.

14

00:00:41,440 --> 00:00:44,076

In the meantime, a new
progress vehicle headed

15

00:00:44,076 --> 00:00:46,345

for the International
Station launched this morning

16

00:00:46,345 --> 00:00:48,714

from the [inaudible] cosmodrome.

17

00:00:48,714 --> 00:00:52,084

That new Progress
-- Progress 51 --

18

00:00:52,084 --> 00:00:56,522

launched on time this morning,
and is headed for an arrival

19

00:00:56,522 --> 00:01:01,727

at the station at 7:26 Houston
time this Friday morning.

20

00:01:01,727 --> 00:01:04,763

Now one of the antennas for
the Coors [phonetic] automated

21

00:01:04,763 --> 00:01:07,833

docking system did
not deploy properly,

22

00:01:07,833 --> 00:01:09,935
and the Russian flight
controllers are currently

23

00:01:09,935 --> 00:01:12,404
assessing their options,
while continuing

24

00:01:12,404 --> 00:01:15,274
with the engine firings that
are refining the approach

25

00:01:15,274 --> 00:01:18,344
of the Progress vehicle
to the Space Station.

26

00:01:18,344 --> 00:01:21,847
It's expected to arrive
at the Zvezda F docking port

27

00:01:21,847 --> 00:01:24,416
on Friday morning, and NASA TV

28

00:01:24,416 --> 00:01:27,553
and NASA.gov will have live
coverage of the docking,

29

00:01:27,553 --> 00:01:31,157
beginning at 6:45
a.m. central time.

30

00:01:31,157 --> 00:01:33,826
Today Commander Chris Hadfield
completed a lens change

31

00:01:33,826 --> 00:01:37,463
on the earth cam camera,
supporting another week

32

00:01:37,463 --> 00:01:40,666

of photography of targets
all over the earth,

33

00:01:40,666 --> 00:01:43,335

taken by students from
all around the globe.

34

00:01:43,335 --> 00:01:45,571

Hadfield then joined
his crewmates

35

00:01:45,571 --> 00:01:50,309

for an emergency response drill
-- a routine practice for crews

36

00:01:50,309 --> 00:01:53,712

to periodically refresh
themselves on how they respond

37

00:01:53,712 --> 00:01:55,681

to onboard emergencies.

38

00:01:55,681 --> 00:01:58,584

Although the crew members
later took part in a conference

39

00:01:58,584 --> 00:02:01,720

with ground teams to
evaluate the response

40

00:02:01,720 --> 00:02:03,622

of everyone involved.

41

00:02:03,622 --> 00:02:07,259

Hadfield also helped Flight
Engineer Chris Cassidy

42

00:02:07,259 --> 00:02:11,363

with an ultrasound session,
getting images of a variety

43

00:02:11,363 --> 00:02:16,835
of targets on Cassidy's body for
study by surgeons and as well

44

00:02:16,835 --> 00:02:20,406
with an eye toward developing
better telemedicine techniques

45

00:02:20,406 --> 00:02:25,744
for use in the future in
space, but also on the ground.

46

00:02:25,744 --> 00:02:29,315
Flight Engineer Tom Marshburn
had several hours Wednesday

47

00:02:29,315 --> 00:02:32,284
setting up the robonaut
in the Destiny laboratory,

48

00:02:32,284 --> 00:02:35,688
for use in Thursday
experiment operations

49

00:02:35,688 --> 00:02:41,493
when he will telerobotically
control R2 by both his voice,

50

00:02:41,493 --> 00:02:47,199
and by having him -- having it
mimic his head and hand motions.

51

00:02:47,199 --> 00:02:50,569
Robonaut is an experiment
that's just another step

52

00:02:50,569 --> 00:02:54,373

in developing better
robotic capabilities for use

53

00:02:54,373 --> 00:02:57,042
in future space exploration.

54

00:02:57,042 --> 00:03:00,512
Flight Engineer Alexander
Misurkin devoted the early part

55

00:03:00,512 --> 00:03:04,216
of his day on Wednesday to
cleaning out ventilation systems

56

00:03:04,216 --> 00:03:06,218
in the Russian segment
of the station,

57

00:03:06,218 --> 00:03:09,722
his afternoon spent testing
experiment equipment,

58

00:03:09,722 --> 00:03:11,523
and taking routine air samples

59

00:03:11,523 --> 00:03:14,893
as the crew monitors the
environmental quality inside

60

00:03:14,893 --> 00:03:16,161
the station.

61

00:03:16,161 --> 00:03:18,731
All of the crew members
keeping an eye on the approach

62

00:03:18,731 --> 00:03:22,768
of the new Progress cargo ship,
which is due Friday morning,

63

00:03:22,768 --> 00:03:24,970

with more than 3
tons of supplies

64

00:03:24,970 --> 00:03:28,340

for the station's crew members,
as well as for the dozens

65

00:03:28,340 --> 00:03:29,842

of experiments that
they're working

66

00:03:29,842 --> 00:03:32,845

with as they push forward
with a mission of science