



1  
00:00:12,709 --> 00:00:10,230  
it's monday april 29th and the crew of

2  
00:00:14,789 --> 00:00:12,719  
expedition 35 is hard at work onboard

3  
00:00:16,470 --> 00:00:14,799  
the international space station starting

4  
00:00:17,910 --> 00:00:16,480  
off with the current expedition 35

5  
00:00:20,550 --> 00:00:17,920  
commander chris hadfield from the

6  
00:00:22,550 --> 00:00:20,560  
canadian space agency he's working over

7  
00:00:24,950 --> 00:00:22,560  
in the nano racks payload on board the

8  
00:00:27,349 --> 00:00:24,960  
station which has a number of

9  
00:00:29,269 --> 00:00:27,359  
different science experiments from a

10  
00:00:30,950 --> 00:00:29,279  
wide range of disciplines he'll be

11  
00:00:33,350 --> 00:00:30,960  
working with the microscope inside of

12  
00:00:34,950 --> 00:00:33,360  
the nanoracks doing some analysis on

13  
00:00:37,510 --> 00:00:34,960

some of the crystal plates found in one

14

00:00:39,830 --> 00:00:37,520

of the modules he'll also be doing some

15

00:00:42,790 --> 00:00:39,840

microbiology air sampling on board the

16

00:00:44,869 --> 00:00:42,800

station as part of the ongoing checks of

17

00:00:47,190 --> 00:00:44,879

the health system on board

18

00:00:49,510 --> 00:00:47,200

and also doing some crew departure prep

19

00:00:51,510 --> 00:00:49,520

as commander hatfield prepares to return

20

00:00:52,549 --> 00:00:51,520

home from the international space

21

00:00:55,110 --> 00:00:52,559

station

22

00:00:57,430 --> 00:00:55,120

about two weeks from now on may 13th us

23

00:01:00,069 --> 00:00:57,440

time he'll be joined by flight engineer

24

00:01:01,270 --> 00:01:00,079

tom marshburn and roman romanenko

25

00:01:03,029 --> 00:01:01,280

the three have been on board the

26

00:01:05,030 --> 00:01:03,039

international space station since

27

00:01:07,190 --> 00:01:05,040

launching back in december

28

00:01:09,350 --> 00:01:07,200

of 2012.

29

00:01:10,710 --> 00:01:09,360

moving on uh throughout our crew we have

30

00:01:13,350 --> 00:01:10,720

our flight engineer juan pavel

31

00:01:15,670 --> 00:01:13,360

vinogradov he'll be busy inside of the

32

00:01:17,990 --> 00:01:15,680

russian segment today working with

33

00:01:19,749 --> 00:01:18,000

that recently doc progress resupply ship

34

00:01:21,670 --> 00:01:19,759

he'll be transferring out

35

00:01:24,550 --> 00:01:21,680

some of the cargo from that that

36

00:01:25,590 --> 00:01:24,560

progress 51p dock successfully back on

37

00:01:27,190 --> 00:01:25,600

friday

38

00:01:28,950 --> 00:01:27,200

and he'll be working to unload some of

39

00:01:29,990 --> 00:01:28,960

the items that were delivered to the

40

00:01:31,670 --> 00:01:30,000

station

41

00:01:34,310 --> 00:01:31,680

he'll also be working to transfer some

42

00:01:35,830 --> 00:01:34,320

fluids over to the also docked 50

43

00:01:38,390 --> 00:01:35,840

progress vehicle

44

00:01:40,710 --> 00:01:38,400

before moving on to a study a little bit

45

00:01:41,830 --> 00:01:40,720

later today of the cardiac bioelectric

46

00:01:44,469 --> 00:01:41,840

activity

47

00:01:46,469 --> 00:01:44,479

while at rest that'll be a

48

00:01:48,469 --> 00:01:46,479

task all three of our russian cosmonauts

49

00:01:50,789 --> 00:01:48,479

vinogradov misurkin and romanenko will

50

00:01:52,830 --> 00:01:50,799

be doing uh in concert

51  
00:01:55,429 --> 00:01:52,840  
flight engineer number two alexander

52  
00:01:57,910 --> 00:01:55,439  
misurkin started off his day very early

53  
00:01:59,350 --> 00:01:57,920  
this morning doing some saliva and blood

54  
00:02:01,910 --> 00:01:59,360  
collection for

55  
00:02:04,310 --> 00:02:01,920  
biological studies on board the station

56  
00:02:06,069 --> 00:02:04,320  
to track the human body's

57  
00:02:08,389 --> 00:02:06,079  
progress throughout long duration space

58  
00:02:09,910 --> 00:02:08,399  
flight also be doing some routine

59  
00:02:11,510 --> 00:02:09,920  
computer updates to a number of the

60  
00:02:14,390 --> 00:02:11,520  
controlling laptops throughout the

61  
00:02:16,630 --> 00:02:14,400  
russian segment also doing some hardware

62  
00:02:18,710 --> 00:02:16,640  
monitoring with the russian matroyska

63  
00:02:20,949 --> 00:02:18,720

experiment that's a radiation monitoring

64

00:02:22,949 --> 00:02:20,959

experiment named after the famous

65

00:02:25,350 --> 00:02:22,959

russian nested doll sets

66

00:02:27,589 --> 00:02:25,360

nasa astronaut chris cassidy

67

00:02:29,990 --> 00:02:27,599

also starting his day off very early

68

00:02:31,670 --> 00:02:30,000

this morning right out of bed doing some

69

00:02:34,390 --> 00:02:31,680

urine and blood sample collections and

70

00:02:36,710 --> 00:02:34,400

then storing them inside of the -80

71

00:02:38,790 --> 00:02:36,720

degree freezer and then right now is

72

00:02:40,309 --> 00:02:38,800

working with the bass experiment

73

00:02:42,710 --> 00:02:40,319

bass standing for the burning and

74

00:02:44,710 --> 00:02:42,720

suppression of solids it's an ongoing

75

00:02:46,150 --> 00:02:44,720

investigation that it looks to examine

76

00:02:49,110 --> 00:02:46,160

the burning and extinction

77

00:02:50,630 --> 00:02:49,120

characteristics of various fuel samples

78

00:02:52,470 --> 00:02:50,640

in microgravity

79

00:02:53,750 --> 00:02:52,480

that'll be taking up most of his time

80

00:02:55,990 --> 00:02:53,760

today

81

00:02:57,910 --> 00:02:56,000

meanwhile our third russian cosmonaut

82

00:03:00,229 --> 00:02:57,920

roman romanenko

83

00:03:02,070 --> 00:03:00,239

right off the bat started with the sprut

84

00:03:05,670 --> 00:03:02,080

experiment it's a russian

85

00:03:07,110 --> 00:03:05,680

look into how the body adapts to the

86

00:03:09,190 --> 00:03:07,120

zero gravity environment and the

87

00:03:11,350 --> 00:03:09,200

unfavorable impact that that generally

88

00:03:12,869 --> 00:03:11,360

has on how well their body stays

89

00:03:14,229 --> 00:03:12,879

hydrated

90

00:03:16,309 --> 00:03:14,239

aside from that he'll be doing some

91

00:03:18,309 --> 00:03:16,319

handover work a little bit later with

92

00:03:20,790 --> 00:03:18,319

one of the newer crew members alexander

93

00:03:24,149 --> 00:03:20,800

misurkin as romanenko prepares to uh

94

00:03:25,830 --> 00:03:24,159

depart a little bit later on in may and

95

00:03:27,350 --> 00:03:25,840

he was also working with the

96

00:03:29,030 --> 00:03:27,360

countermeasure system inside of the

97

00:03:30,949 --> 00:03:29,040

russian segment the zvezda service

98

00:03:33,509 --> 00:03:30,959

module checking out for any harmful

99

00:03:35,350 --> 00:03:33,519

contaminants and our final crew member

100

00:03:36,949 --> 00:03:35,360

tom marshburn working with the

101  
00:03:39,190 --> 00:03:36,959  
environmental health system on board the

102  
00:03:41,270 --> 00:03:39,200  
international space station taking some

103  
00:03:44,470 --> 00:03:41,280  
surface samples throughout looking at

104  
00:03:45,990 --> 00:03:44,480  
the microbiol biological footprint of

105  
00:03:47,430 --> 00:03:46,000  
many of the services throughout the u.s

106  
00:03:49,270 --> 00:03:47,440  
segment he'll be collecting those and

107  
00:03:51,190 --> 00:03:49,280  
incubating them in a

108  
00:03:53,670 --> 00:03:51,200  
device on board the station

109  
00:03:55,670 --> 00:03:53,680  
is also on the hook to clean out their

110  
00:03:57,589 --> 00:03:55,680  
portable water dispenser

111  
00:03:59,990 --> 00:03:57,599  
and then finally do a little bit of crew

112  
00:04:02,229 --> 00:04:00,000  
departure work alongside commander

113  
00:04:04,390 --> 00:04:02,239

hatfield as he also prepares to return

114

00:04:06,229 --> 00:04:04,400

home on may 13th

115

00:04:07,589 --> 00:04:06,239

our upcoming coverage for all the

116

00:04:09,509 --> 00:04:07,599

landing events

117

00:04:11,190 --> 00:04:09,519

kicking off with sunday may 12th will

118

00:04:13,509 --> 00:04:11,200

have the formal change of command

119

00:04:15,110 --> 00:04:13,519

ceremony where chris hadfield will hand

120

00:04:16,150 --> 00:04:15,120

off command of the international space

121

00:04:18,629 --> 00:04:16,160

station

122

00:04:20,469 --> 00:04:18,639

to russian cosmonaut pavel v negronov

123

00:04:21,990 --> 00:04:20,479

and then on monday may 13th throughout

124

00:04:23,430 --> 00:04:22,000

the afternoon and the evening we'll be

125

00:04:25,270 --> 00:04:23,440

bringing you coverage

126

00:04:27,110 --> 00:04:25,280

as that soyuz departs starting off with