
PAVEL
VINOGRADOV
EXPEDITION 36 COMMANDER

1
00:00:09,830 --> 00:00:07,430
good day and welcome to space station

2
00:00:12,070 --> 00:00:09,840
live we are in the christopher c craft

3
00:00:13,669 --> 00:00:12,080
junior mission control center and the

4
00:00:14,950 --> 00:00:13,679
international space station flight

5
00:00:16,470 --> 00:00:14,960
control room

6
00:00:18,390 --> 00:00:16,480
here today as a team of flight

7
00:00:20,390 --> 00:00:18,400
controllers watching over the activities

8
00:00:22,470 --> 00:00:20,400
of expedition 36 aboard the

9
00:00:24,310 --> 00:00:22,480
international space station chris

10
00:00:26,150 --> 00:00:24,320
cassidy worked this morning with the

11
00:00:28,230 --> 00:00:26,160
spheres experiment which is short for

12
00:00:30,950 --> 00:00:28,240
synchronized position hold engage and

13
00:00:32,950 --> 00:00:30,960

reorient experimental satellites and

14
00:00:35,670 --> 00:00:32,960
this is part of a zero robotics

15
00:00:38,790 --> 00:00:35,680
competition activity uh that actually is

16
00:00:41,590 --> 00:00:38,800
a joint activity with the european space

17
00:00:43,350 --> 00:00:41,600
agency uh to allow students an

18
00:00:45,110 --> 00:00:43,360
opportunity to program these small

19
00:00:47,830 --> 00:00:45,120
little satellites that

20
00:00:49,590 --> 00:00:47,840
maneuver relative to one another inside

21
00:00:51,590 --> 00:00:49,600
the large volumes of the international

22
00:00:54,389 --> 00:00:51,600
space station

23
00:00:57,350 --> 00:00:54,399
these satellites were demonstrating

24
00:00:59,590 --> 00:00:57,360
their proficiency inside the

25
00:01:02,389 --> 00:00:59,600
japan aerospace exploration agency

26
00:01:03,990 --> 00:01:02,399
provided kibo laboratory today there is

27
00:01:05,670 --> 00:01:04,000
a possibility that someday these types

28
00:01:07,429 --> 00:01:05,680
of satellites could be personal

29
00:01:10,070 --> 00:01:07,439
assistance for astronauts inside the

30
00:01:13,030 --> 00:01:10,080
space station or valuable assistance for

31
00:01:16,469 --> 00:01:13,040
space walking and providing camera views

32
00:01:19,429 --> 00:01:16,479
of activities outside the space station

33
00:01:21,350 --> 00:01:19,439
in addition at 905 today

34
00:01:23,510 --> 00:01:21,360
chris cassidy spoke with students at the

35
00:01:25,270 --> 00:01:23,520
talbot innovation middle school in fall

36
00:01:26,870 --> 00:01:25,280
river massachusetts as part of an

37
00:01:28,870 --> 00:01:26,880
educational event

38
00:01:30,550 --> 00:01:28,880

cassidy enjoyed the event with the

39
00:01:32,710 --> 00:01:30,560
students on the ground a new england

40
00:01:33,590 --> 00:01:32,720
native with roots in massachusetts and

41
00:01:36,630 --> 00:01:33,600
maine

42
00:01:39,109 --> 00:01:36,640
and promised to have a visit in person

43
00:01:41,190 --> 00:01:39,119
after he completes his expedition

44
00:01:44,149 --> 00:01:41,200
meanwhile pavel vinogradov worked this

45
00:01:45,749 --> 00:01:44,159
morning to set up a run with the

46
00:01:48,310 --> 00:01:45,759
cristal experiment which examines

47
00:01:50,230 --> 00:01:48,320
structural characteristics of

48
00:01:51,429 --> 00:01:50,240
systems that are formed by charged

49
00:01:53,990 --> 00:01:51,439
dispersed

50
00:01:55,749 --> 00:01:54,000
macro particles in a magnetic trap

51
00:01:57,670 --> 00:01:55,759
aboard the space station

52
00:01:59,429 --> 00:01:57,680
results of that experiment could

53
00:02:01,990 --> 00:01:59,439
be used for future spacecraft and

54
00:02:04,310 --> 00:02:02,000
advanced photovoltaic also or solar

55
00:02:05,670 --> 00:02:04,320
cells later today he's going to be doing

56
00:02:07,910 --> 00:02:05,680
some routine maintenance and cleaning

57
00:02:10,550 --> 00:02:07,920
the russian segment of the space station

58
00:02:12,070 --> 00:02:10,560
meanwhile alexander misurkin is working

59
00:02:13,670 --> 00:02:12,080
this morning to continue checking out

60
00:02:15,910 --> 00:02:13,680
the new treadmill that was installed

61
00:02:17,910 --> 00:02:15,920
over the past several days in the

62
00:02:20,229 --> 00:02:17,920
zvezda service module of the station

63
00:02:22,869 --> 00:02:20,239

that new exercise device arrived on the

64
00:02:24,710 --> 00:02:22,879
progress 51 spacecraft and the old

65
00:02:26,229 --> 00:02:24,720
treadmill has been temporarily stowed

66
00:02:28,390 --> 00:02:26,239
and the new treadmill is getting ready

67
00:02:30,710 --> 00:02:28,400
to be put into use helping keep the crew

68
00:02:34,150 --> 00:02:30,720
fit and ready for duty as well as for

69
00:02:35,110 --> 00:02:34,160
the return to earth and one gravity

70
00:02:37,190 --> 00:02:35,120
today's

71
00:02:39,830 --> 00:02:37,200
crew earth observations activities are

72
00:02:42,070 --> 00:02:39,840
going to include an opportunity to take

73
00:02:45,030 --> 00:02:42,080
the first look for the station crew at

74
00:02:47,270 --> 00:02:45,040
tornado damage around oklahoma city

75
00:02:49,670 --> 00:02:47,280
they'll also include the views of havana

76
00:02:50,390 --> 00:02:49,680
cuba the santa barbara coast

77
00:02:52,070 --> 00:02:50,400
and

78
00:02:53,830 --> 00:02:52,080
a call a

79
00:02:55,030 --> 00:02:53,840
volcano site

80
00:02:56,869 --> 00:02:55,040
both in

81
00:02:58,949 --> 00:02:56,879
russia and in

82
00:03:01,190 --> 00:02:58,959
mexico

83
00:03:02,949 --> 00:03:01,200
in addition as this crew continues its

84
00:03:04,550 --> 00:03:02,959
work on orbit the rest of the expedition

85
00:03:06,869 --> 00:03:04,560
36 crew is

86
00:03:08,949 --> 00:03:06,879
in kazakhstan getting ready for a launch

87
00:03:10,630 --> 00:03:08,959
to the international space station on

88
00:03:12,070 --> 00:03:10,640

may the 28th

89
00:03:15,030 --> 00:03:12,080
karen nyberg

90
00:03:17,430 --> 00:03:15,040
luca parmitano and fyodor yurchikhin are

91
00:03:20,710 --> 00:03:17,440
scheduled to launch to the international

92
00:03:22,869 --> 00:03:20,720
space station uh this upcoming tuesday

93
00:03:26,070 --> 00:03:22,879
they will be making uh one of those uh

94
00:03:28,309 --> 00:03:26,080
same day rendezvous and docking

95
00:03:30,789 --> 00:03:28,319
arrivals the launch coverage starts at 2

96
00:03:33,030 --> 00:03:30,799
30 p.m central time on tuesday

97
00:03:35,110 --> 00:03:33,040
there will be a launch scheduled for 3

98
00:03:37,190 --> 00:03:35,120
31 pm central time

99
00:03:38,309 --> 00:03:37,200
docking coverage then resumes at 8 30

100
00:03:39,830 --> 00:03:38,319
p.m

101
00:03:43,030 --> 00:03:39,840
and then the docking is expected to

102
00:03:45,430 --> 00:03:43,040
occur at 9 16 p.m so just within about

103
00:03:47,830 --> 00:03:45,440
six hours the crew will be

104
00:03:49,430 --> 00:03:47,840
going from earth to the space station

105
00:03:51,670 --> 00:03:49,440
and then we expect hatch opening

106
00:03:53,990 --> 00:03:51,680
coverage to begin at 10 30 p.m with the

107
00:03:56,949 --> 00:03:54,000
hatches opening and the welcoming

108
00:03:58,949 --> 00:03:56,959
activities beginning about 10 55 p.m